September 7, 2018

Ms. Karel Detterman
Alameda County Environmental Health
1131 Harbor Parkway, Suite 250
Alameda, California 94502

Subject: Perjury Statement and Report Transmittal
Zimmerman Property
3442 Adeline Street
Oakland, CA
AEI Project No. 281939
ACDEH Fuel Leak Case No. RO0002936

Dear Ms. Detterman:

I declare under penalty of perjury that the information and/or recommendations contained in the attached report, *Updated Site Conceptual Model and Data Gap Work Plan* dated September 7, 2018 for the above-referenced site are true and correct to the best of my knowledge.

If you have questions or need additional information, please contact me at (925) 457 - 5607 or Mr. Trent Weise at AEI Consultants at (408) 559-7600.

Sincerely,

Bill Mouat

Bill Mouat

Representative of the Steffi R. Zimmerman Trust

AEI Consultants

September 7, 2018

UPDATED SITE CONCEPTUAL MODEL, CLOSURE EVALUATON AND DATA GAP WORK PLAN

Property Identification:
Zimmerman Property
3442 Adeline Street Oakland, California

AEI Project No. 281939
ACDEH Site No RO0002936
Global ID T0600183099

Prepared for:
Steffi R. Zimmerman Trust
c/o Mr. Bill Mouat
3289 Lomas Verdes Place
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Environmental Due Diligence

Building Assessments

Site Investigation & Remediation

Energy Performance & Benchmarking

Industrial Hygiene

Construction Risk Management

Zoning Analysis Reports & ALTA Surveys

National Presence
Regional Focus
Local Solutions

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AEI Consultants

September 7, 2018

Ms. Karel Detterman
Alameda County Department of Environmental Health
1131 Harbor Bay Parkway
Alameda, California 94502

Subject: Updated Site Conceptual Model and Data Gap Work Plan
Zimmerman Property
3442 Adeline Street, Oakland, Alameda County, California
SCP Case No. RO0002936
AEI Project No. 281939

Dear Ms. Detterman:

On behalf of Steffi Zimmerman Trust ("the Trust"), AEI Consultants (AEI) has prepared this work plan to evaluate the remaining data gaps at the request of the Alameda County Department of Environmental Health (ACDEH) in their electronic correspondence dated July 16, 2018 and correspondence dated August 9, 2018 for the Zimmerman Property located at 3442 Adeline Street in Oakland, California 94608 ("the Site"). These correspondences followed the June 22, 2018 meeting between Ms. Karel Detterman (ACDEH), Ms. Dilan Roe (ACDEH), Mr. Bill Mouat (owner), Mr. Jeremy Smith (AEI), Ms. Jacqueline Day (AEI), and Mr. Trent Weise (AEI) where a general scope of work for further investigation was discussed for the Site.

The July 16, 2018 electronic correspondence requested that all investigation and remediation activities be discontinued until a work plan has been prepared and that the Site Conceptual Model be updated and include a full account of work that has been performed to date. In the August 9, 2018 correspondence, the ACDEH requested a Phase I Environmental Site Assessment and a Data Gap Investigation Work Plan be prepared to address the data gaps identified during the June 22 meeting as well as reiterated the July 16 correspondence. This Updated Site Conceptual Model and Data Gap Work Plan has been prepared to address ACDEH's requests and provide a work plan to address the remaining data gaps.

1.0 SITE SETTING AND BACKGROUND

The Site is an approximately one-acre parcel located on the southwest corner of 35th Street and Chestnut Street in an urban mixed commercial/industrial and residential area of the city of Oakland in California. The Site is fully developed with two conjoined warehouse buildings and attached canopy. Ground cover at the Site consists of concrete paving throughout with no asphalt and no landscaped areas. Within the interior of easternmost warehouse building, the concrete paving is overlain by artificial turf or heavy rubber mats. The Site is fully enclosed by exterior walls to on-site improvements and a perimeter fence where no buildings are present. Access to the Site is through a gate along Adeline Street or through four roll-up doors along Chestnut Street.

The general location of the Site is depicted in Figure 1, while the Site and surrounding properties are shown on Figure 2. The layout of the Site is depicted on Figure 3.

The Site is currently enrolled in the California State Water Resources Control Board's Underground Storage Tank (UST) Clean Up Fund (CUF) and is registered on the Waterboard's GeoTracker database under global ID T0600183099. The Site is enrolled in the UST CUF due to the historic presence of a 3,750-gallon steel single-wall UST from a location immediately adjacent to the eastern property boundary which was removed from the ground on February 22, 2000 by the Clearwater Group (Clearwater). Sidewall soil and grab groundwater samples collected during the removal of the UST indicate that a release of petroleum hydrocarbons had occurred from the UST. Subsurface investigations to characterize the lateral and vertical extent of the petroleum hydrocarbon release and remedial activities have been conducted at the Site from 2006 to 2017.

There are currently nineteen permanent soil gas probes (VB-6 through VB-22), seven monitoring wells (MW-1 through MW-7), one air sparge well (IW-1), and four de-watering wells (BF-1, BF-2, BF-3, and BF-5) installed at the Site. Three horizontal SVE wells and one additional backfill well (BF-4) were also installed in the remedial excavation. On January 19, 2010, the SVE wells SVE-1, SVE-2, SVE-3 and backfill well BF-4 were destroyed. Details pertaining to the construction of the monitoring wells, air sparge well, and dewatering wells are included in Table 1.

The Site is currently undergoing assessment in pursuit of closure under the California State Water Resources Control Board Low-Threat Underground Storage Tank Case Closure Policy (LTCP).

1.1 Summary of Previous Environmental Work

On February 22, 2000, Clearwater Group (Clearwater) reportedly removed a 3,750-gallon steel single-wall underground storage tank (UST) from a location immediately adjacent to the eastern property boundary. Sidewall soil samples (NW and SE) and a grab groundwater sample (Pit Water) were collected from the tank excavation for chemical analysis. Each of the two sidewall soil samples and the one groundwater sample yielded elevated concentrations of petroleum hydrocarbons suggesting a release of petroleum hydrocarbons had occurred from the former UST.

Subsurface investigations to characterize the lateral and vertical extent of petroleum hydrocarbons released from the former UST commenced in 2006. The investigation activities have included:

- Between 2006 and 2009, a total of 43 soil borings were advanced by Clearwater and AEI for the collection of soil and grab groundwater samples from both on-site and off-site locations. Analytical soil and groundwater data from these investigations are summarized in Table 2 and Table 3, respectively.

- In April 2009, seven groundwater monitoring wells (MW-1 through MW-7) were installed. Each well was installed with a screened interval from 7 to 17 feet below ground surface (bgs). Periodic groundwater monitoring of the groundwater in each of the monitoring wells has been performed since their installation.

Remedial activities at the Site have consisted of the following:

- In March and April of 2009, AEI conducted an interim remedial excavation. This excavation is described in detail in the Interim Corrective Action Report dated August 31, 2009 and is described briefly below:
    - The excavation was performed on-site and immediately down-gradient of the former UST location and inside one of the on-site warehouse buildings.
    - Approximately 1,100 tons of petroleum impacted soil was removed from a roughly 35 feet wide, 75 feet long, and 12 feet deep area.
    - The lateral extents of the excavation were determined by screening soils with a photoionization detector (PID) until measurements were below 100 parts per million by volume (ppmv).
    - The vertical extent of the excavation was terminated within a yellowish-brown clay.
    - Confirmation soil samples were collected from ten locations (SW1 through SW10) along the excavation sidewalls at depths ranging between 5.5 and 8 feet bgs and 11.5 and 12 feet bgs and from four locations (B-1 through B-4) along the base of the excavation.
    - Dewatering during excavation generated approximately 5,000 gallons of water which was discharged under permit to the sanitary sewer.
    - Five dewatering wells (BF-1 through BF-5) and three horizontal soil vapor extraction wells (SVE-1 through SVE-3) were installed during excavation and subsequent backfilling operations. The SVE wells were installed at a depth of seven-feet bgs along the north (SVE-1), east (SVE-2), and south (SVE-3) sides of the excavation.
- Beginning in April 2009 to approximately April 2010, while waiting for the *Work Plan for Remedial Investigation and Feasibility Study* to be prepared and subsequently approved by ACDEH, the property owner implemented an oxygenation program which included injecting small amounts of hydrogen peroxide into an excavated pit. This remedial effort was discussed with ACDEH prior to implementing and inspections were periodically conducted by ACDEH who indicated that the processes were fine in the interim while awaiting ACDEH approval of the work plan. Aeration occurred for approximately one year. The total volume of hydrogen peroxide injected is unknown. During this period, injections were reportedly ceased at a minimum 45 days prior to conducting groundwater sampling.
- In May 2009, one sparge well (IW-1) was installed within the former UST location for potential remedial activities. No further remedial activities involving this well have been conducted.
- Following evaluation of soil vapor concentrations in the horizontal vapor extraction wells, SVE-1 through SVE-3 and BF-4 were filled in place with neat cement grout on

January 19, 2010 as documented in the *Work Plan for Remedial Investigation and Feasibility Study* dated April 30, 2010.

- In October 2016, a soil and soil vapor investigation to address data gaps was implemented in accordance with the *Updated Site Conceptual Model and Data Gap Investigation Work Plan* dated June 29, 2016. ACDEH approved this work plan on September 2, 2016. Twelve shallow soils borings were advanced to collect soil samples across the Site and were analyzed for benzene, ethylbenzene, naphthalene, total petroleum hydrocarbons, and fuel oxygenates. Ten of the soil borings were converted to soil vapor probes to collect vapor samples across the Site and were analyzed for benzene, ethylbenzene, naphthalene, and oxygen. This investigation is described in detail in the *Updated Site Conceptual Model and Soil and Soil Vapor Investigation Report* dated November 15, 2016 and is summarized briefly below:

    - Shallow soil samples collected and analyzed yielded benzene, Total Petroleum Hydrocarbons as gasoline (TPH-g) and TPH as diesel (TPH-d) at concentrations similar to historic concentrations. Toluene, ethylbenzene and total xylenes were not detected in shallow soil samples collected and analyzed as part of this investigation, and the only fuel oxygenate detected was TBA at a maximum concentration of 0.0536 mg/kg. Based on the shallow soil analytical results, the soil characterization data gap associated with the direct contact and outdoor air exposure of the State Water Resources Control Boards Low Threat Closure Policy (LTCP) criteria was considered closed.

    - Soil vapor samples collected and analyzed yielded benzene and TPH concentrations above laboratory reporting limits. Based on the lack of soil vapor analytical data bounding the extents of the benzene and soil vapor plume and lack of temporal soil vapor analytical data, additional soil vapor probes and sampling ere recommended.

- The *Updated Site Conceptual Model and Soil and Soil Vapor Investigation Report* included results of the data gap investigation as well as a work plan for additional subsurface investigation work to address data gaps identified during the conceptual site model and LTCP evaluation. ACDEH provided technical comments on the proposed additional subsurface investigation work on May 12, 2017 and AEI performed the data gap investigation work on June 13, 2017. The *Report on Data Gap Investigation, Updated Conceptual Site Model, and Closure Evaluation* documenting results of the investigation was submitted on September 12, 2017. Two soil samples were collected from one boring, VB-21, seven groundwater samples were collected, and thirteen soil vapor samples were collected. Based on the results from the data gap investigation, the conceptual site model was updated from November 2016 and is documented in Section 2. The results from the soil, groundwater and soil vapor investigation are summarized below.

    - As recommended by ACDEH, seven grab groundwater samples were collected. Groundwater samples were analyzed for TPH-g which had detected concentrations of up to 29,000 micrograms per liter (μg/L) and TPH-d which had detected concentrations of up to 24,000 μg/L. No LTCP criteria has been established for TPH

constituents. Benzene was detected at concentrations up to 600 μg/L which is below the LTCP criteria. Several volatile organic compounds (VOCs) were detected above the laboratory reporting limit but have no established LTCP criteria. Fuel oxygenates were not detected above their respective laboratory reporting limits.

- Soil vapor samples yielded detections of benzene above laboratory reporting limits but below the LTCP soil gas criteria where a bioattenuation zone is present (<85,000 micrograms per cubic meter [μg /m^3]) and the LTCP soil gas criteria where no bioattenuation zone is present (<85 μg /m^3) in each of the vapor samples analyzed except for the vapor sample collected from VB-12 which had a reported concentration of 1,280 μg /m^3.
- TPH-g was detected above the laboratory reporting limit in each of the 10 soil vapor samples collected and analyzed at a maximum concentration of 17,700,000 μg /m^3 in VB-4. TPH-g does not have an established soil gas LTCP criteria.
- In general, the soil vapor plume has been defined to the north, west, and east.
- Two soil samples were collected from VB-21 at 10 and 13 feet bgs. Soil sample analytical results yielded TPH-g and TPH-d concentrations above the laboratory reporting limit at concentrations up to 140 milligrams per kilogram (mg/kg) and 6.6 mg/kg, respectively. No BTEX or fuel oxygenates were detected above the laboratory reporting limit. There appears to be residual contamination in shallow soils and in deeper soils (10 to 13 feet bgs) near VB-21.

An updated CSM is presented below presenting our current understanding of the nature and extent of petroleum hydrocarbons in the subsurface beneath the Site based upon current and historical data.

2.0 UPDATED CONCEPTUAL SITE MODEL

The following represents the updated conceptual site model (CSM), which includes the most recent information collected during the data gap investigation conducted in June 2017, as presented in the September 12, 2017 *Report on Data Gap Investigation, Updated Conceptual Site Model, and Closure Evaluation*. Table 4 presents the CSM in the required DEH format and is further discussed in detail below.

2.1 Site Geology and Hydrogeology

The Site lies on the distal end of the Temescal Creek Alluvial Fan at an elevation of approximately 45 feet above North American Vertical Datum 1988 (NAVD88). The Temescal Alluvial Fan is a low relief broad alluvial fan sloping westerly and southwesterly from the mouth of the Temescal Creek. The Holocene age alluvial fan deposits are mapped as Quaternary Holocene alluvial fan deposits (Qhaf) (Helley 1997). The sediments are described as typically, brown to tan gravelly sand or sandy gravel, which generally grades upward into sandy or silty clay.

Figure 4 presents a lithologic cross-section. Sediments encountered at the Site in the upper four to five feet underlying the Site consist of black silty clay – clayey silt containing variable amounts of scattered gravel. These sediments are considered to be bay margin sediments.

The shallow fine-grained surface layer is underlain by alluvial deposits of intercalated, lenticular bodies of silt, clay, sand, and gravel. The sediments are typically highly variable mixtures of the four primary soil types. Permeability (transmissivity) of the coarse-grained sediments is typically low due to the presence of interstitial clay; however, scattered clean sands and gravels are present with good permeability. These individual permeable channel deposits appear to act as preferential channels for groundwater flow across the Site and are the likely cause of the slightly sinuous, asymmetric appearance of the hydrocarbon plume in the soil and groundwater.

Groundwater elevation generally has fluctuated between 22.3 and 25.1 feet NAVD88 (approximately 6.2 to 9.0 feet bgs) with a historical maximum groundwater elevation of 27.1 feet above NAVD88 and a minimum of 17.5 feet above NAVD88. The groundwater potentiometric surface, as calculated using the posted groundwater elevation data from the routine semi-annual groundwater event for the first semester of 2018 is portrayed in Figure 5. Groundwater elevation measurements collected during historic groundwater monitoring events are presented in Table 5 while the general groundwater gradient and direction of flow are summarized in Table 6. Hydrographs depicting depth to groundwater, screened interval, and the concentration of TPH-g and Benzene are included in Appendix A.

2.2 Primary Source Identification and Chemicals of Potential Concern

This section presents the potential sources of petroleum hydrocarbons identified in media at the Site.

2.2.1 Potential On-Site Sources

Previous environmental investigations have identified a single walled, steel 3,750-gallon UST located under the sidewalk at the south east corner of the property. This UST was removed in February 2000 and was used to store fuel hydrocarbons. Investigations performed to-date have shown that this UST is the primary source of petroleum hydrocarbons which have been identified in soil, soil vapor, and groundwater at the Site. The presence of elevated concentrations of benzene in soil and groundwater samples collected suggest that the UST likely stored gasoline.

A Phase I ESA was conducted in August 2018 and prepared by AEI, identified a sheet metal manufacturer, a bottling company, and a truck repair facility previously occupied the Site, collectively between 1912 and 1970. Based on the previous use of the Site which had documented contamination identified and the stored solvent and petroleum materials, the Site's previous use was identified as a Recognized Environmental Condition (REC). The Phase I ESA is included in Appendix B.

Additional investigation is necessary to determine if the potential LNAPL and the observed TPH-g, TPH-d, and benzene concentrations in soil, soil vapor, and groundwater in samples collected from VB-21 are from an on-site or off-site source.

2.2.2 Potential Off-site Sources

AEI has identified two potential off-site sources of contamination at the Site. Both potential off-site sources are shown on Figure 2 and discussed below.

- A closed release case associated with the California Hotel is located adjacent and to the east of the Site at 3501 San Pablo Avenue. There is limited information provided on the GeoTracker database beyond noted soil contamination of waste oil, motor, hydraulic, and lubricating oils and that a remedial excavation was performed; however, the Phase I ESA recently prepared, identified that 3501 San Pablo Avenue contained one 1,500-gallon bunker fuel UST that was removed from the sidewalk just west of a former building. Initial soil samples collected beneath the north and south ends of the UST (from a depth of approximately 11 feet bgs) identified TPH-g, TPH-d, oil and grease, and motor oil. BTEX was not identified. Soil was over excavated to the depths of 14.5 to 16.5 feet bgs. It is not known where the excavated soils were disposed. Groundwater was reportedly not encountered during excavation activities. Regulatory case closure was granted from the Alameda County Local Oversight Program (LOP) on October 28, 1998. Previous uses of this property based on a review of the Sanborn maps, appeared to have included an auto repair facility from at least 1951 to 1970. Due to the historical documented release from a former UST and historical industrial activities at 3501 San Pablo Avenue, the Phase I ESA identified this off-site property as a REC.
- The former City of Paris Cleaners (3516 Adeline Street) is located northwest of the Site. A release from USTs of Stoddard Solvent, a dry-cleaning solvent used during operation of the dry-cleaning facility until the 1960s when the facility was closed. In 1990, one 750-gallon and two 1,000-gallon USTs, used to store Stoddard Solvent, were removed from the property. According to the *Updated Site Conceptual Model, Site Investigation, and No Further Action Request* prepared by Taber Consultants on June 26, 2014, six soil samples were collected upon UST removal; however, analytical results from the UST sampling were not available for review. In 1991, during over excavation of the removed UST pit, an additional 250-gallonUST was identified and removed. Soils from the excavations were stockpiled in an on-site bioremediation cell. Composite samples were collected from the stockpile and analyzed to verify that sufficient hydrocarbon removal had occurred for reuse of the soil as fill. Groundwater monitoring wells were installed in 1992 and elevated concentrations of TPH-Stoddard Solvents (TPH-SS) and TPH-g were detected. A site investigation was conducted in 2013 to obtain information to resolve data gaps identified at the site including assessing shallow soil conditions and Stoddard Solvent plume boundaries in soil and groundwater that resulted from a UST that had been used during former dry-cleaning operations. Soil and groundwater samples were collected throughout the property. With the exception of one detection of TPH-SS above laboratory reporting limits at a soil sample collected at 7 feet bgs, there were no other detections above laboratory reporting limits of TPH-SS in soil. TPH-SS and TPH-g were detected in groundwater samples collected at approximately 20 feet bgs and concentrations appeared to decrease with depth. Based on concentrations detected during the 2013 investigation, Taber Consultants completed a supplementary analysis for natural attenuation using the United States Environmental Protection Agency's modeling tool Bioscreen-AT Natural Attenuation Decision Support System, Version 1.43 which indicated that TPH-SS impacts to groundwater are not likely to migrate beyond the property. No further action (NFA) was requested in the 2013 investigation report. ACDEH responded to the NFA request and recommended conducting methane sampling. Taber collected soil vapor samples March 2015 and methane was not detected above and

adjacent to the plume and is not likely to accumulate in place. No further action was requested again in 2015 and the site was granted regulatory case closure on March 3, 2017.

2.2.3 Chemicals of Concern

Based on the nature of the identified sources, contamination at the Site is assumed to be caused by fuel hydrocarbons released from the on-site UST. As such, the following COCs have been identified based on the requirements and supporting technical justification documents of the LTCP and the request of the ACDEH:

- Combined TPH-g and TPH-d
- Benzene
- Ethylbenzene
- Naphthalene
- Methyl tert-butyl ether (MTBE)

The following chemicals of potential concern (COPCs) have historically been identified or sampled for at the request of the ACDEH, however, based on the requirements of the LTCP are not considered to be drivers of risk related to the protection of human health and environmental receptors:

- Long chain aliphatic hydrocarbons (C22-C32 or C32-C40)
- Toluene
- Xylenes
- Additional Fuel Oxygenates
- Semi-volatile organic compounds (SVOCs)

2.3 Receptors and Exposure Pathways

Potential receptors and exposure pathways for COCs at the Site are summarized in Figure 6. Justification for each exposure pathway is presented in the sections below. Although the Site is currently developed as a commercial/light industrial space, residential land use in the future both on-site and in the vicinity of the Site are likely and anticipated. Furthermore, according to the property manager, the Site is and has been zoned for residential use. As such, residents, commercial workers, and subsurface utility workers are all considered as potential receptors.

2.3.1 Preferential Pathways

A utility survey to identify potential preferential pathways and sensitive receptors has been performed for the Site. AEI requested utility maps from Pacific Gas and Electric (PG&E) and East Bay Municipal District (EBMUD). AEI performed a geophysical survey to confirm the accuracy of these maps. The survey included ground penetrating radar (GPR), and passive and active electromagnetic detectors. The geophysical survey identified a sanitary sewer, gas main, water lines and lateral lines along Adeline Street. A sanitary sewer, two gas lines, two water lines and lateral lines were located along Chestnut Street.

Based on the results of the utility survey and the underlying geology, the following preferential pathways have been identified:

- A utility trench along Chestnut Street may have acted as a preferential pathway for lateral migration of contaminants. The locations of identified utility conduits are shown on Figure 3.
- As described in Section 2.1, scattered clean sands and gravels are present throughout the subsurface which may act as preferential channels for groundwater and soil vapor flow across the Site.

2.3.2 Local Public Water System and Well Search

The Site is located within the service area of the EBMUD who provides potable water to the Site and surrounding residential and commercial properties.

To confirm that no drinking water wells were installed on or near the Site, AEI obtained the Well Drillers reports from the California Department of Water resources (DWR) for all wells within 1,000 feet of the subject Site. Additionally, as requested in the ACEH's April 22, 2016 directive letter, this well survey was amended by reviewing Alameda County Public Works Agency (ACPWA) for all wells within 1,500 feet of the subject Site. The DWR and ACPWA results of the well survey demonstrate that no wells are threatened by the petroleum hydrocarbon plume. The locations of these wells are shown on Figure 7.

Based on the results of the well search and the location of the Site within the EBMUD, groundwater is not considered to be used for irrigation or drinking purposes.

2.3.3 Soil

Ground cover at the Site consists of paving throughout with no landscaped or exposed areas. As such, ingestion, inhalation, and dermal contact are considered incomplete pathways for both on-site workers and residents. Subsurface utility workers who may cut through the existing concrete may still be exposed to on-site soils. As such, these exposure pathways are considered complete for subsurface utility workers.

2.3.4 Groundwater

As discussed in Section 2.3.2, groundwater at or near the Site is not in use as a source of drinking or irrigation water. As such, the dermal contact, inhalation, and ingestion exposure pathways for residents and on-site workers are considered incomplete. Due to the shallow depth to groundwater, these exposure pathways are still considered complete for subsurface utility workers.

2.3.5 Surface Water

According the National Fish and Wildlife Service's Wetland Mapper, the nearest surface water body is an estuarian wetland located approximately 0.8 miles west by northwest of the Site. Storm water runoff from the Site discharges to the municipal storm water system through curbside conveyances. No on-site French drains or other sub-surface storm water conveyances were identified at the Site. As such, storm water runoff does not come in to contact with potentially contaminated media and is therefore not considered as a complete transport pathway.

2.3.6 Air

Soil vapor analytical suggests that the volatilization of constituents of concern (COCs) from soil and groundwater to soil vapor is a complete transport mechanism. Intrusion of impacted soil vapor to the indoor air of both on-site and off-site improvements are considered a complete exposure pathway for both residents and on-site workers. Additionally, subsurface utility workers may be exposed to soil vapors contaminated by COCs.

2.4 Nature and Extent of Petroleum Hydrocarbon Impacts

2.4.1 Free Phase Hydrocarbons

Non-aqueous phase liquid with a lower density than water (LNAPL) has not been directly observed in soils or groundwater samples collected from the Site. LNAPL has not observed in the existing monitoring well network during the periodic monitoring events performed at the Site. The well screens of the groundwater monitoring wells installed at the Site, as shallow as seven-feet bgs, appear to be submerged for a majority of the monitoring events performed. This may limit the observation of LNAPL, if present. At the request of DEH in the August 9, 2018 directive letter, Figure 8 presents an estimation of where LNAPL may be present, developed based upon dissolved petroleum hydrocarbon concentrations. AEI used a threshold concentration of 10,000 μg/L.

LNAPL was potentially observed in a grab groundwater sample collected from soil boring VB-21. The nature and extent of the LNAPL in the vicinity of VB-21 is currently unknown and represents a data gap.

2.4.2 Soil

Table 2 presents a summary of the historic soil sample analytical results for the Site for select petroleum hydrocarbons. Current COC concentrations in soil are shown on Figure 9. Petroleum hydrocarbons in the unsaturated zone are present near the former UST location, but in general COCs are only present at residual levels in shallow soils (<5 feet bgs).

Analytical data from deeper soils, particularly within the smear zone (6 to 9 feet bgs) suggest that migration of petroleum hydrocarbons towards the west and south within the smear zone has occurred. The over-excavation at the time of the UST removal and interim remedial excavation performed removed much of the on-site shallow soils that could have potentially acted as secondary sources. Sidewall samples indicated that the extents of the excavation were reasonably sufficient. Soil samples collected at depths of less than 7.5 feet have not yielded significant concentrations of COCs. At depths below 7.5 feet bgs and above 9 feet bgs elevated concentrations of COCs are present at the location of the former UST and the along the south end of the interim remedial excavation.

At depths below 9 feet bgs, saturated soil samples analyzed yielded COCs near the former UST excavation and along the south and east sides of the source removal excavation. The impacted soil in this interval appears to be related to COC-impacted groundwater migrating in the more-permeable layers at the Site.

Soil samples collected from VB-21 at depths of 10 and 13 feet bgs indicated that this soil sample may be located within another source area, however, the nature and extents of the soil impacts in the vicinity of VB-21 are unknown.

2.4.3 Groundwater

Table 2 and Table 7 present a summary of COC concentrations in grab groundwater and monitoring well samples collected, respectively. Figure 10 and Figure 11 present the current extent of benzene and TPH-g, respectively, in groundwater at the Site.

Generally, contaminant mass, specifically TPH-g, benzene, and ethylbenzene, have been historically present in each of the on-site monitoring wells. The benzene and TPH-g plumes have historically extended from southeastern portion to the western portion of the Site following historical groundwater gradient. TPH-g and benzene plumes have attenuated to below or near their respective detection limits each of the monitoring wells except MW-3 and MW-7 which continue to exhibit elevated levels of TPH-g and benzene. Fluctuations in the concentration of TPH-g and benzene in MW-3 and MW-7 are discussed in further detail below. MTBE has been present above the laboratory reporting limit in only one sample at a concentration of 31 µg/L, which was collected from MW-7 in January 2016 and has not been detected above laboratory reporting limits since. The natural processes including biological degradation, dispersion, and dilution have significantly reduced COC concentrations and their extent in groundwater beneath the Site and the benzene and TPH-g are stable and/or decreasing in size and concentration.

Grab groundwater samples collected during the data gap investigation have further refined and reinforced the extents of the groundwater benzene and TPH-g plumes that exceed water quality objectives and the criteria listed in the LTCP which have historically been centered around MW-7 and MW-3. Excluding the northeastern corner of the Site in the vicinity of VB-21, the existing groundwater data set is sufficient to define the extents of the benzene and TPH-g groundwater plumes that exceed water quality objectives. Grab groundwater samples collected from VB-21 are anomalous relative to the existing CSM and are potentially indicative of another source area.

MW-03, which is located immediately west of the remedial excavation area, exhibited an increase in both TPH-g (16,000 µg/L from 4,900 µg/L) and benzene (5,100 µg/L from 890 µg/L) during the groundwater monitoring event conducted in July 2016 when compared to the next most recent groundwater sample from this monitoring well which was collected in December 2009. Both TPH-g and benzene were at or near their historical high concentrations of 17,000 µg/L and 3,800 µg/L, respectively. Groundwater during the July 2016 monitoring event was approximately 1.4 feet below the minimum groundwater elevation observed during previous groundwater monitoring events and this increase in the presence of TPH-g and benzene may have been the result of the mobilization of previously submerged pockets of separate phase hydrocarbons. Since groundwater levels have recovered from drought, the increase in TPH-g and benzene has persisted.

MW-07, which is located immediately to the east of the historic UST, has overall exhibited a trend of decreasing TPH-g and benzene concentrations, however the groundwater analytical from the most recent groundwater monitoring event (January 2018) exhibited a significant rebound in hydrocarbon concentrations, including TPH-g (10,000 µg/L). As with MW-03, groundwater

elevations in MW-7 have increased since falling to their historic low of 23.68 feet NAVD88 in July 2016.

Figure 10 and Figure 11 presents isoconcentration contours for benzene and TPH-g, respectively. In accordance with the LTCP, the Tier I environmental screening level (ESL) from the California Regional Water Quality Control Board, San Francisco Bay Region ("the Regional Water Board") were selected as the water quality objectives that define the extents of the benzene and TPH-g groundwater plumes. Figure 10 and Figure 11 incorporates grab groundwater analytical data from 2007 and 2008 to present the extent of benzene and TPH-g in groundwater.

The observed fluctuations in TPH-g and benzene detected in groundwater samples collected from MW-03 and MW-07 suggest the presence of residual LNAPL within the smear zone.

2.4.4 Soil Vapor

Table 8 presents the soil vapor analytical data available for the Site and Figure 12 and Figure 13presents depictions of the soil vapor plumes for benzene and TPH-g, respectively.

TPH-g and BTEX were reported as present above the laboratory reporting limit in each of vapor samples collected from the temporary soil vapor probes installed in October 2007 (VB-1 through VB-3) and in each of the soil vapor samples collected from the permanent soil vapor probes installed in October 2016 (VB-6 through VB-16) and June 2017 (VB-4, VB-5, and VB-17 through VB-22) except for soil vapor samples collected from VB-9 in October 2016 and June 2017 and soil vapor samples collected from VB-4 and VB-10 in June 2017.

The benzene in soil vapor plume based on the June 2017 soil vapor sampling event with extents defined by the residential vapor intrusion human health risk level ESL (48 $\mu g/m^3$) is depicted in Figure 12. The TPH-g soil vapor plume based on the June 2017 soil vapor sampling event with extents defined by the residential vapor intrusion human health risk level ESL (300,000 $\mu g/m^3$) is depicted on Figure 13.

In general, the extents of both the benzene and TPH-g vapor plumes have fluctuated drastically between the October 2016 and June 2017 soil vapor sampling events. The extents of the TPH-g and benzene soil vapor plumes from the June 2017 soil vapor sampling event are well defined except to the south where vapor samples were unable to be collected due to low-flow conditions or groundwater within existing soil vapor probes and in the northeastern corner of the Site in the vicinity of VB-21. In general, both benzene and TPH-g soil vapor concentrations appear to be centered around VB-12 and VB-9 and appear to coincide with areas anaerobic conditions (>4% O_2) depicted on Figure 14 and the groundwater benzene and TPH-g plumes which are depicted on Figure 10 and Figure 11, respectively.

Based on the available soil and groundwater data, soil vapor contamination is likely primarily from volatilization from groundwater and from the potential presence of residual separate phase COCs within the smear zone. Figure 15 and Figure 16 provide an overlay of the soil vapor and groundwater plumes for TPH-g and benzene, respectively.

2.5 Natural Attenuation

Throughout the course of the environmental investigations conducted at the Site (2009 to present), contaminant mass in groundwater monitoring wells and adjacent soil samples have been reduced significantly. Metabolic gases (oxygen and carbon dioxide) analytical data collected during this investigation and dissolved oxygen measurements taken during groundwater monitoring events indicate that hydrocarbon metabolizing microbial communities are likely present in soil and groundwater at the Site. Soil vapor concentrations of COCs and respirable gases generally meet the criteria from the LTCP for the presence of a bioattenuation zone within the top five feet of soil, however, oxygen infiltration to the center of the on-site warehouse building is inadequate to maintain a uniform bioattenuation zone throughout. In general, oxygen content decreases as the distance from soils which can undergo oxygen exchange with the atmosphere increases.

Based on the available soil vapor and groundwater oxygen data and COC analytical data, microbial degradation of COCs in soil vapor and groundwater are most likely predominantly aerobic and oxygen limited.

2.6 Data Gaps

The investigation performed provided additional information for the identified data gaps in the Work Plan including shallow soil and soil vapor data. However, the following data gaps remain open:

- **Temporal soil vapor data** – The current CSM is based on soil vapor data collected predominantly from two sampling events, which have indicated that petroleum hydrocarbons in soil vapor vary significantly. Additional sampling events should be conducted to confirm that the available soil vapor data is representative and that diurnal or seasonal variations in soil vapor do not significantly alter the extents of the COC soil vapor plumes. It should be noted that in the *Review Summary Report – Additional Work – First Review – March 2018* that the State Water Resources Control Board recommended that soil vapor sampling be ceased at the Site.
- **VB-21 Source investigation –** TPH-g and benzene were identified in soil, groundwater, and soil vapor samples collected from VB-21 in excess of applicable LTCP criteria and applicable screening levels and above levels anticipated based on the existing CSM. Additionally, LNAPL was observed in VB-21. Based on these data, VB-21 may be located within a new source area. The lack of sufficient groundwater, soil vapor, or soil data in the vicinity of VB-21 to identify the source of contamination observer in samples collected from VB-21 represents a data gap.

3.0 EVALUATION OF THE LOW THREAT CLOSURE POLICY CRITERIA

This section presents AEI's evaluation of the Site under the LTCP criteria to identify what further actions may be necessary.

The California State Water Resources Control Board's LTCP was developed as an evaluation method to close low-threat petroleum release cases. Therefore, AEI has developed the following evaluation of whether this Site meets the criteria of the LTCP. The LTCP presents general criteria and media specific criteria that must be met for the Site to be considered low-threat and

acceptable for closure. A matrix presenting the LTCP criteria, site-specific comments, and identified data gaps are presented in Table 4.

Based on the LTCP evaluation, the Site does not currently satisfy the requirements for regulatory case closure under the LTCP.

3.1 General Closure Criteria

The general closure criteria under the LTCP are summarized below with AEI's comments on each criteria as it relates to the Site. Based on AEI's review of the general closure criteria, the Site does not meet criteria f.

☒ **a) The unauthorized release is located within the service area of a public water system:** The Site is located within the EBMUD as described in the CSM. There are no on-site groundwater wells used for drinking and/or irrigation.

☒ **b) The unauthorized release consists only of petroleum:** The identified release is consistent as being from the former UST that was removed in February of 2000. No non-petroleum related compounds have been detected in samples collected from the Site.

☒ **c) The unauthorized ("primary") release from the UST system has been stopped:** The former UST was removed from the Site in February of 2000.

☒ **d) Free product has been removed to the maximum extent practicable:** A limited amount of free product may be present at the Site as it was observed in VB-21 during the June 2017 investigation and, variations in the concentration of TPH-g and benzene within the identified source areas are indicative that residual separate phase petroleum hydrocarbons may be present in a limited area of the Site within the smear zone. However, AEI does not propose additional removal activities at this time.

☒ **e) A CSM that assesses the nature, extent, and mobility of the release has been developed**: Section 2 above presents the CSM for the Site.

☐ **f) Secondary source has been removed to the extent practicable:** Although interim remedial actions have been completed at the Site, limited residual separate phase petroleum hydrocarbons maybe present at the Site and dissolved benzene concentrations in groundwater remain elevated. Additional remedial actions such as enhanced biodegradation, and/or soil vapor extraction should be evaluated to determine if they are appropriate and practical to address the residual petroleum hydrocarbons that remain above LTCP closure criteria.

☒ **g) Soil or groundwater has been tested for MTBE and results reported in accordance with Health and Safety Code section 25296.15:** As presented above, MTBE has not been reported in any of the soil, groundwater, or soil vapor samples except for minor detections of 31 µg/L MTBE in a groundwater sample for MW-7 in January of 2016 and 95.1 µg/m^3 in a soil vapor sample from VB-15 in October 2016.

☒ **h) Nuisance as defined by Water Code section 13050 does not exist at the Site:** The residual petroleum hydrocarbons present at the Site do not currently represent a nuisance as defined.

3.2 Media Specific Criteria

The LTCP includes media specific criteria, including groundwater, vapor intrusion to indoor air, and direct contact and outdoor air exposure. Each of these are presented below.

3.2.1 Groundwater

The LTCP outlines five classes of sites that would allow for closure of the Site under the LTCP. Based upon our evaluation of the five classes, this Site fits most closely within Class 3. The Class 3 criteria are summarized below along with AEI's analysis of the Site as it relates to each criteria:

☒ **a) The contaminant plume that exceeds water quality objectives is less than 250 feet in length:** Based on the available historical groundwater grab samples and monitoring well samples, the likely extents of the benzene and TPH-g groundwater plumes can be estimated and are depicted in Figure 10 and Figure 11, respectively. However, as discussed in the CSM, due to data gaps, the existing analytical data set is inadequate to reliably calculate the benzene and TPH-g plume lengths.

☒ **b) Free product has been removed to the maximum extent practicable, may still be present below the site where the release originated, but does not extend off-site:** As presented above, limited area of free product may be present on-site. However, no further removal of free product is warranted at this time.

☒ **c) The plume has been stable or decreasing for a minimum of five years**: Groundwater monitoring of the on-site groundwater monitoring well network has been conducted on at least a semi-annual basis since the first semester of 2009. As depicted on the hydrographs in Appendix A, dissolved benzene concentrations in groundwater have exhibited a stable or decreasing trend over their respective monitoring periods, which extend beyond the last five years. As presented in Section 2.4.3, the groundwater benzene and TPH-g plumes are adequately defined and bound except in the vicinity of VB-21.

☒ **d) The nearest existing water supply well or surface water body is greater than 1,000 feet from the defined plume boundary:** As discussed in Section 2.3.2 and 2.3.5, no water supply wells or surface water bodies have been identified within 1,000 feet of the Site.

☒ **e) The property owner is willing to accept a land use restriction if the regulatory agency requires a land use restriction as a condition of closure –** The property owner is willing to work with the ACDEH to accept land use restrictions as necessary to support to redevelopment of the Site for the current zoned use of residential.

3.2.2 Petroleum Vapor Intrusion to Indoor Air

The LTCP presents four potential exposure scenarios for the evaluation of a Site for closure under the LTCP. The exposure scenarios are based upon the presence of a sufficient bioattenuation zone that includes a separation of the building from free product in soil and/or on groundwater, and dissolved benzene in groundwater. In lieu of using the exposure scenarios, soil vapor samples were directly collected. The detected petroleum hydrocarbon concentrations in soil vapor were compared to ESLs and the LTCP vapor intrusion criteria from Scenario 4. Based on these criteria, soil vapor samples from VB-12 and VB-21 exceed the requirements of the LTCP. Based

on these results, remediation or the institution of engineered controls as a part of land use restriction would be necessary to meet the requirements of the LTCP.

3.2.3 Direct Contact and Outdoor Air Exposure

To evaluate the direct contact and outdoor air exposure routes, AEI compared the concentrations of petroleum hydrocarbon in soil to the commercial screening levels presented in Table 1 of the LTCP. None of the current concentrations of petroleum hydrocarbons were found to exceed the LTCP cleanup level.

4.0 DATA GAP INVESTIGATION

AEI has developed the following additional investigation designed to close the existing data gaps, including vapor intrusion to indoor air as it pertains to the LTCP criteria and update the SCM. AEI proposes to perform sub-slab soil gas sampling, indoor air sampling, sewer gas sampling and a building survey as well as prepare a draft notification for adjacent properties to obtain property information and access for future investigation work to be conducted on their property. These activities are described in detail below.

4.1 Pre-Field Activities

A Site-specific health and safety plan will be prepared, reviewed by on-site personnel, and kept on-site for the duration of the fieldwork.

Appropriate drilling permits will be obtained from Alameda County Public Works Agency (ACPWA) for this investigation. The public underground utility locating service Underground Service Alert (USA) will be notified to identify public utilities in the work area at least 48 hours prior to drilling activities.

In addition, a private utility locating company will be used to clear each of the proposed sub-slab soil gas sampling point location for utilities. The locating service will be prepared to trace out underground line locations, to the extent feasible, running beneath the Site and surrounding area. This will include a trace and if needed a survey of the sanitary sewer lines along Chestnut Street.

4.2 Adjacent Property Notifications

As requested by ACDEH, notifications will be prepared and sent out to adjacent property owners to the south along Chestnut Avenue to request access and information regarding the foundation in the adjacent properties as well as include information on sub-slab sampling activity, fact sheets for volatile organic compounds (VOCs) in household products, and instructions to tenant space occupants. Figure 3 presents the immediate Site vicinity, including adjacent properties and current uses. Draft notifications will be prepared in accordance with the DTSC *Vapor Intrusion Public Participation Advisory* dated March 2012. A copy of the draft tenant notification and fact sheet will be submitted to the ACDEH for approval prior to sending to tenants.

4.3 Sub-Slab Soil Gas Sampling Point

AEI proposes to install one sub-slab soil gas sampling point near existing soil gas probe VB-6 due to the continued presence of water in the probe during sample collection. AEI suspects that there is potentially surface water entering the existing soil vapor probes and will provide positive relief when installing the hydrated bentonite apron around the proposed sub-slab gas point to prevent

surface water infiltration. Details regarding the sub-slab sampling installation and sampling are presented below.

4.3.1 Sampling Point Installation

AEI's standard operating procedure (SOP) for the sub-slab soil gas sampling point installation is as follows.

Depending upon the thickness of the concrete flooring inside the tenant space, the borings for the sub-slab sampling points will be advanced to a depth just beneath the bottom of the concrete floor slab. The borings will be advanced using a hand-operated, percussive, roto-hammer drill. Construction of the points and sampling procedures will be performed in general accordance with the guidelines presented in the *Advisory: Active Soil Gas Investigations*, prepared by the California Department of Toxic Substances Control (DTSC), et al., dated July 2015.

Construction of the sampling point will begin by placing clean, dry sand (i.e., Lonestar No. 2/12 sand) into the bottom of each boring. This will be followed by the installation of a temporary soil gas probe attached to inert Teflon® tubing extending downward to the top of the sand pack. The top of the tubing will daylight above each boring to be attached to a sampling train. After the probe and tubing are installed, additional clean, dry sand will be added and extend slightly above the tip of the probe. The remainder of the borehole annulus above the sand pack will then be filled with a thin layer of dry granular bentonite, followed by the placement of hydrated granular bentonite to grade. As an added precaution, the hydrated bentonite will extend slightly above grade to provide positive relief away from the sample probe to ensure that surface water does not entering the probe. The sampling point will be completed with a permanent soil vapor pin to allow for future sub-slab soil gas sampling events.

4.3.2 Collection of Additional Soil Vapor Samples

The new sub-slab soil gas sampling point will be sampled with the existing soil gas probes. Following installation, the sampling point will be allowed to equilibrate for a minimum of two-hours.

Prior to sampling, a series of quality assurance/quality control (QA/QC) tests, including a shut-in test, leak check test, and line purging, will be performed in sequential order in accordance with the protocol described in the DTSC Advisory. The shut-in test will be conducted to check for leaks in the above-ground sampling system. The leak check test will be performed to evaluate if any leakage or ambient air is introduced into the soil gas samples during collection. To ensure that the soil vapor sample is not affected by ambient air leaks (>5% ambient air), the sample apparatus will be exposed to a tracer compound (helium) during sample collection. This will be accomplished by covering the sample apparatus and surface completion within a shroud. During leak check testing and soil vapor sampling, an atmosphere of no less than 15% of helium by volume will be induced and maintained within the shroud for the duration of sample collection. Line purging (purge volume testing) also will be performed to ensure that stagnant air is removed from the sampling system (i.e., inert tubing, void spaces around the sand filter pack surrounding the soil gas probe tip, and dry, granular bentonite in the annular space). During line purging, a minimum of three system volumes of air will be purged from the sampling location.

Upon completion of the assembly testing at each location, a soil vapor sample will be obtained with a one-liter Summa™ canister fitted with a laboratory-calibrated, flow controller equipped with a vacuum gauge and particulate filter. Each canister will be individually checked, tested, and certified by the laboratory for air tightness and proper vacuum prior to shipping and use at the Site. The Summa™ canister will be connected to the inert tubing, which will daylight above the boring above the ground surface. The sample will be obtained at a flow rate between 100 and 200 milliliters per minute. Initial and final readings on the vacuum gauge will be recorded at the beginning and end of the sampling process to confirm sample collection. Sampling will be completed with a slight vacuum remaining in the canister. Upon sample retrieval, the Summa™ canister will be labeled with the appropriate project information, including the project name, project number, sample location and depth, date and time of sampling, sampler's name, canister identification number, and initial and final canister vacuum. Chain-of-custody documentation will be completed and accompany the Summa™ canister to the analytical laboratory.

In addition, sorbent tube samples will be used to collect an additional sample, following evacuated canister sampling. Samples will be collected by installing the tube in-line with the vapor probe and inducing a vacuum. Sorbent tube samples will be collected by extracting a total of 60 milliliters of soil vapor at a rate of approximately 200 millimeters per minute through the sorption media using a syringe equipped with a three-way valve to allow for venting. Flow rate was regulated using a critical orifice. Upon sample retrieval, the sorbent tubes will be labeled with the appropriate project information, including the project name, project number, sample location and depth, date and time of sampling, sampler's name, and placed into an ice-chilled cooler immediately following sampling. Chain-of-custody documentation will be completed and accompany the sorbent tubes to the analytical laboratory.

Sampling activities also will be documented on soil vapor sampling logs.

Soil vapor samples collected as part of this investigation will be analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) using US EPA Testing Method TO-15, Helium using ASTM Method 1946-90D and naphthalene will be analyzed using US EPA Testing Method TO-17.

4.4 Site-Wide Indoor Air Sample Collection

AEI proposes an indoor air quality assessment of the existing Site building. The assessment will include collection for a 24-hour closed building scenario and an 8-hour operational building scenario. The sampling will be performed as presented below.

4.4.1 Building Survey

Prior to indoor air sampling activities, a building chemical survey will be conducted within the warehouse to identify whether products are present that can potentially influence the results of the indoor air sampling. A copy of the building survey form to be completed during the investigation is attached for your review in Appendix C.

As requested by the ACDEH, the occupancy schedule of the building's tenants and when the garage doors are open will also be documented as well as a Site plan showing both warehouses. Interior features will be documented on the Site Plan including ceiling fans, wall fans, bathrooms,

where utilities are located, sanitary sewer locations, heating, ventilation, and air condition units, where observed.

4.4.2 Indoor Air Sample Collection

The indoor and outdoor air samples for this investigation will be collected over a 24-hour period and an 8-hour period to potentially capture diurnal vapor fluctuations and evaluate potential exposures to Site occupants. The duration of sample collection will be performed in accordance with DTSC guidance.

A total of four air samples will be collected, one from each warehouse, one from the restroom, and one outdoor ambient air sample. The outdoor air sample will be placed at an upwind location either on the rooftop, if safely accessible, or within the parking lot area to the along Adeline Street. The sample locations are shown on Figure 17. Samples will be placed at a height at least 3 to 5 five feet above the ground surface.

Prior to sampling, the initial vacuum for each sample canister will be measured and recorded. The samples will be collected using laboratory supplied 6-liter Summa™ canisters equipped with a flow controller calibrated to collect samples over a 24-hour and 8-hour period. Sampling for the 24-hour test will be initiated while the building is closed. Samples will be staged in the morning on the first day and will be collected in approximately 24-hours on the following morning of the second day. Sampling for the 8-hour test will be initiated while the building is open, similar to its operational status. Samples will be staged in the morning and collected approximately 8-hours later in the evening on the same day.

The canisters will be labeled with the appropriate project information, including the project name, project number, sample location, date and time of sampling, sampler's name, canister identification number, and the initial and final canister vacuums Chain-of-custody documentation will be completed and accompany the evacuated canisters to the analytical laboratory.

Air samples collected as part of this investigation will be analyzed for BTEX and naphthalene using US EPA Testing Method TO-15SIM.

4.5 Sewer Gas Assessment

AEI proposes one sewer grab air sample from sewer laterals using methods similar to those described in the San Francisco Regional Water Quality Control Board July 2015 *Active Soil Gas Investigation Advisory*; and pending DTSC guidance if made available prior to performance of the sampling. The protocol for sample collection, purging, and leak check of sewer line sampling will consist of the following: AEI will collect one sewer gas sample from on-site shallow sewer laterals.

AEI will collect one grab sample from sewer laterals using methods similar to those described in the Advisory, as follows:

- The sample will be collected using a one-liter summa canister with flow controller calibrated to approximately 150 milliliters per minute.
- Sewer gas will be isolated from atmospheric gas by extending sample tubing into toilets beyond the J-trap.

- To ensure representative sewer gas samples, a total of 10 manifold volumes will be purged prior to sampling to ensure that any ambient atmosphere which is inadvertently introduced is removed to the extent feasible.
- Helium will be used as a leak check compound. The sample manifold and toilet bowl will be encased in a shroud to create a roughly 20% helium atmosphere. After purging, but prior to sampling, atmosphere within the sample train will be screened using a hand-held helium detector to ensure that ambient atmosphere is not being introduced to the sample train.

AEI understands that the updated DTSC and San Francisco Bay Regional Water Quality Control Board vapor intrusion guidance remains pending and sewer sampling protocols have not yet been promulgated. AEI understands that ACDEH is holding off their approval of the sewer gas sampling approach until the guidance is in effect.

4.6 Investigation Derived Waste Storage

Drill cuttings, other investigation-derived waste (IDW), purged groundwater, and equipment rinse water will be stored in sealed and labeled 55-gallon drums. Solids and liquids will be stored in separate drums. All drums will be located on-site in a secure location, pending the results of sample analyses. Upon receipt of results, the waste will be profiled, and disposal arranged to a proper facility; disposal documentation will be provided.

4.7 Reporting

AEI will prepare a report following the receipt of analytical data. The report will detail the investigation methods along with the analytical results and will be used to update the conceptual site model. The report will include soil boring logs and cross-sections, tables summarizing the analytical results, figures presenting the data, and copies of laboratory analytical reports. Additionally, a 2,000-foot radius well search will be completed with the results reported in a table as requested. The SCM will be updated as the investigation proceeds and the data gaps are closed.

The ACDEH case worker for this Site will be notified by electronic mail regarding the uploading of technical reports and deliverables into the State of California GeoTracker database. It is also recognized that the upcoming report for this Site will be due 60 days after the approval of this Data Gap Work Plan.

A Site Management Plan (SMP) will be prepared under separate cover which document the building's occupancy and indoor air sample results.

5.0 SCHEDULE

Sampling activities are anticipated to commence within one month of receiving approval from the ACDEH. A report of the sampling activities will be provided within 60-days following receipt of all analytical data.

6.0 CLOSING

AEI appreciates working with the ACDEH to complete the characterization and move this Site actively towards closure and trust that this work plan meets with your approval. Please contact the undersigned at (925) 746-6004 if you have any questions or comments.

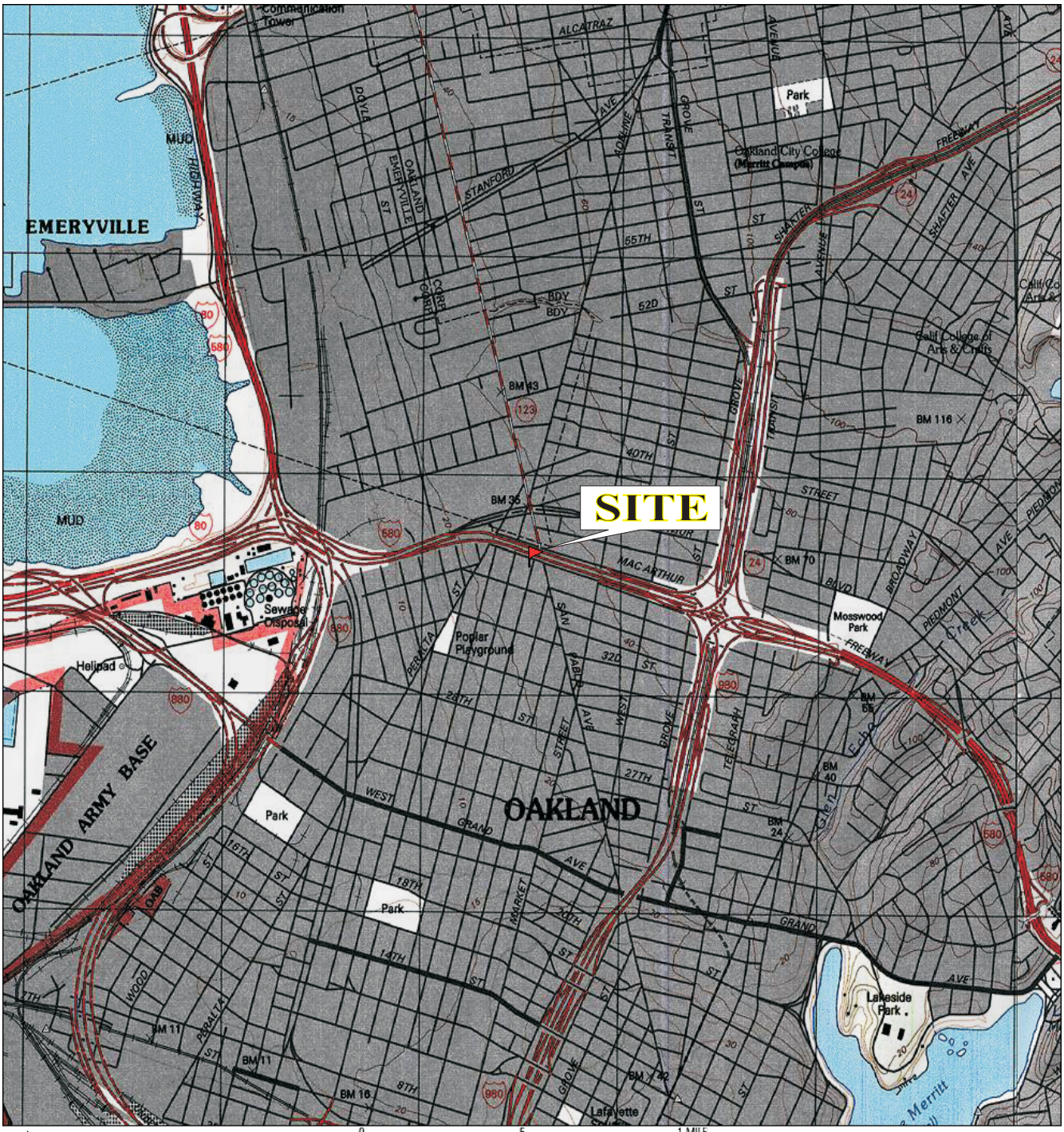
Sincerely,
AEI Consultants

Melanie Wong
Project Engineer

Trent A. Weise, P.E.
Vice President

AEI Consultants
2500 Camino Diablo
Walnut Creek, California, 94597
(925) 746-6000

FIGURES



Map created with TOPO!® ©2002 National Geographic (www.nationalgeographic.com/topo)

AEI CONSULTANTS 2500 Camino Diablo, Suite 200, Walnut Creek, CA 94597	
Site Location Map	
3442 Adeline Street Oakland, CA 94608	**FIGURE 1** Job No: 281939

Legend

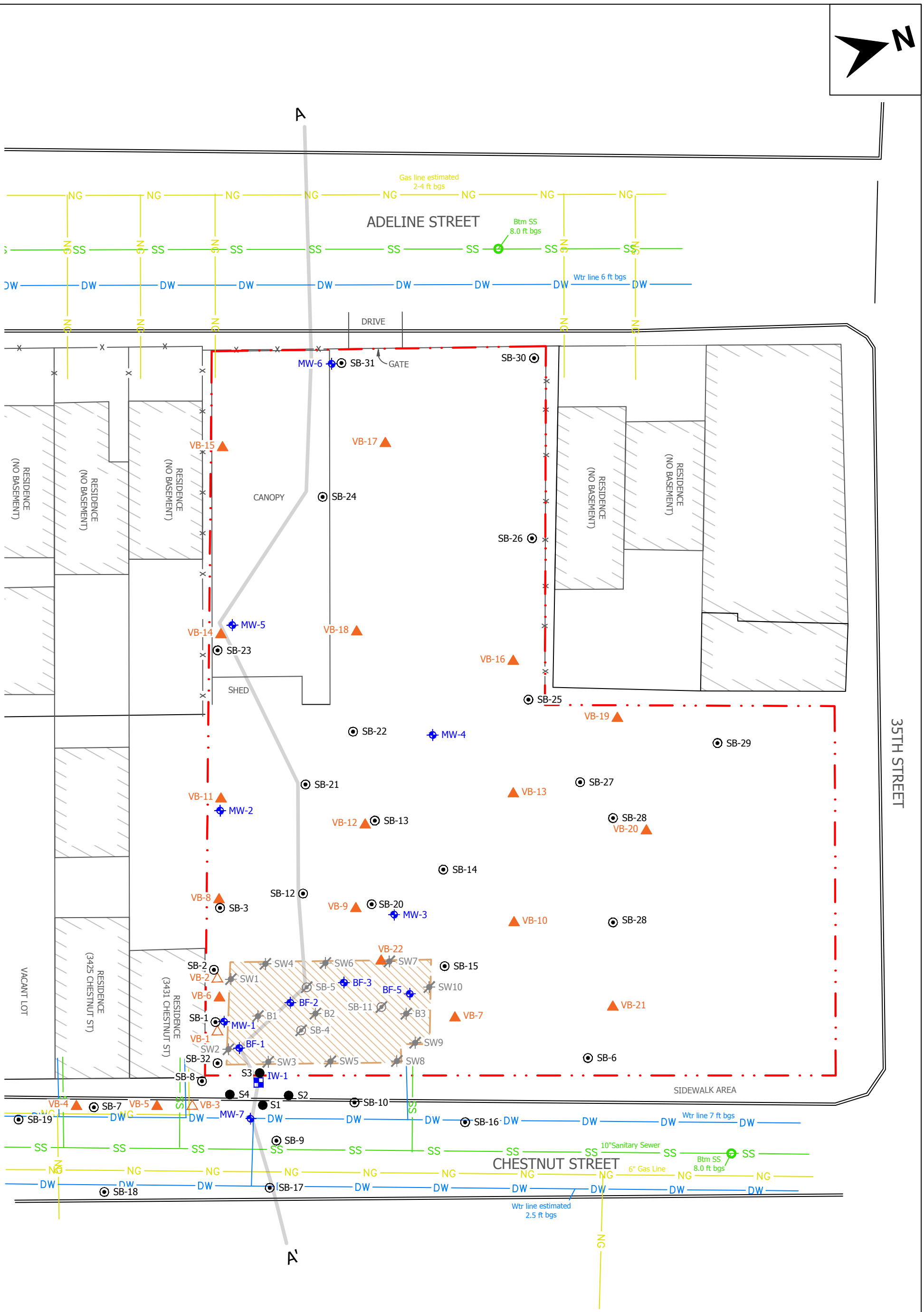
Estimated Groundwater Flow Direction
Approximate Property Boundary
Listed in Environmental Database Report *
"Melt Pots" (1912 Sanborn Map)
Former UST
Extent of Excavation
Monitoring Well
Elevated "Dist Tank" (1912 Sanborn Map)
Former Gas Station
Former Auto Repair Building
Rail Spur

N

Figure 2: SITE & SURROUNDING PROPERTIES

3442 Adeline Street, Oakland, California
94608 Project Number: 281939

AEI Consultants



LEGEND

SB-1	AEI Soil Boring
S-1	Clear Water Soil Sample
SW1	Base Soil Sample
B-1	Sidewall Soil Sample
VB-1	Temporary Soil Vapor Probe
VB-4	Permanent Soil Vapor Probe
BF-1	Backfill Well Casings
MW-1	Monitoring Well Casings
IW-1	Injection Well
	Abandon AEI Soil Boring
	Abandon Base Soil Sample
	Site Boundary
DW	Domestic Water
SS	Sanitary Sewer
NG	Natural Gas
A — A'	Cross Section
	Interim Source Removal Excavation (2009)

AEI Consultants

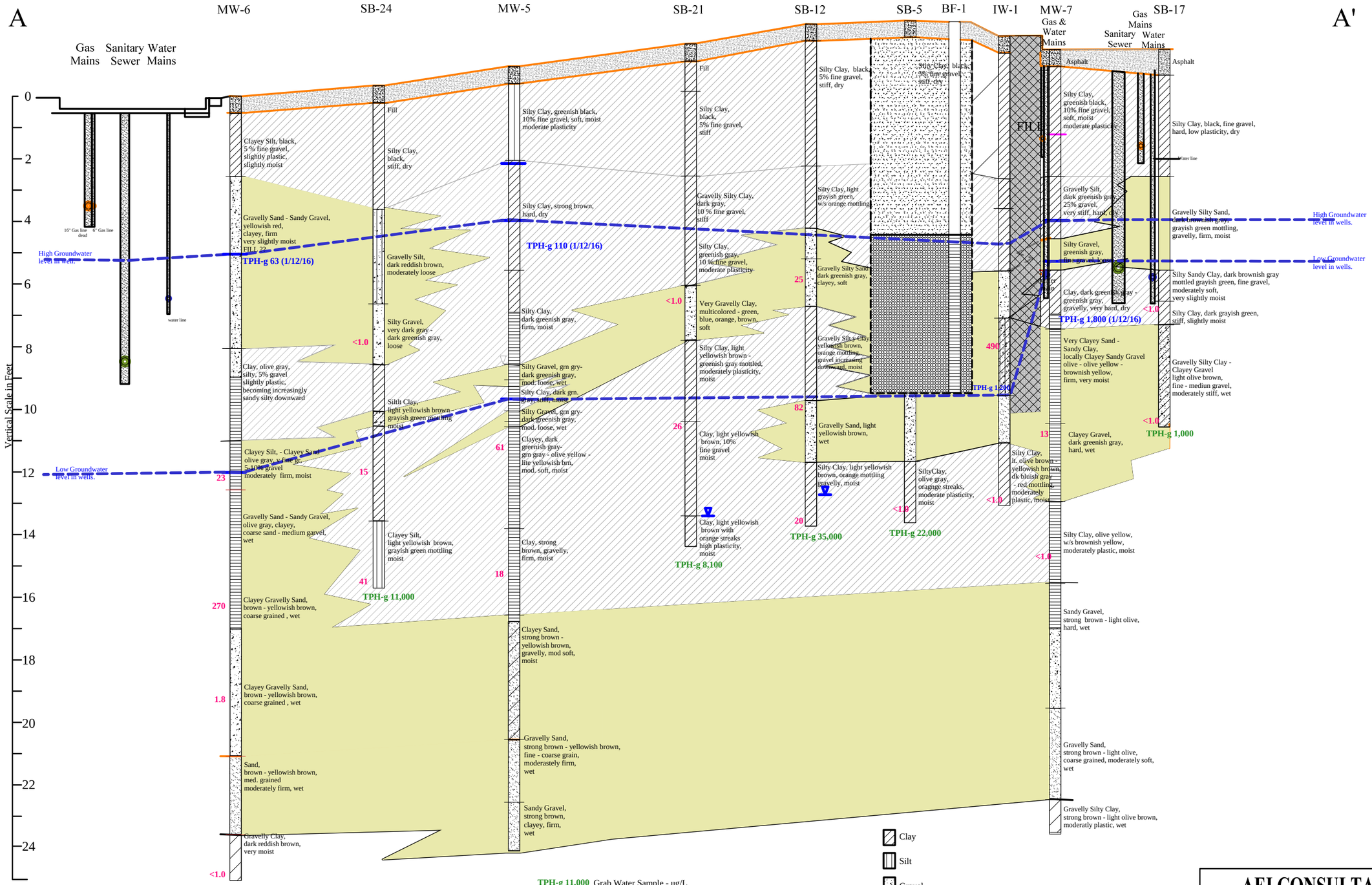
2500 Camino Diablo
Walnut Creek, California

SITE PLAN

3442 ADELINE STREET
OAKLAND, CA 94608

FIGURE 3
Project No. 281939

P:\Companywide Projects\280000 Series\281939 Oakland, CA\SM\281939 Zimmerman PM\Deliverables\2017 06 - Data Gap Investigation\01_Figures\Zimmerman_V02_JES - 07/25/2017



AEI CONSULTANTS
2500 CAMINO DIABLO, WALNUT CREEK

Soil Cross Section A-A'

3442 Adeline Street
Oakland, California

FIGURE 4
Project No 281939

D:\Votaw CAD Design\CadFiles\AEI Consultants\281939 Zimmerman - PO 153712\2018 07 GW & SG Monitoring Report_AEI-281939-Zimmerman GW & SG Report 18-07 - 08/14/2018

LEGEND

0 30 60 APPROXIMATE SCALE IN FEET or MILES

- VB-4 Permanent Soil Vapor Probe
- BF-1 Backfill Well Casings
- MW-1 Monitoring Well Casings
- IW-1 Injection Well
- 27.5 Groundwater Potentiometric Surface (feet NAVD88)
- Site Boundary
- DW Domestic Water
- SS Sanitary Sewer
- Interim Source Removal Excavation (2009)
- Former Gasoline UST
- * Not Used in Contouring

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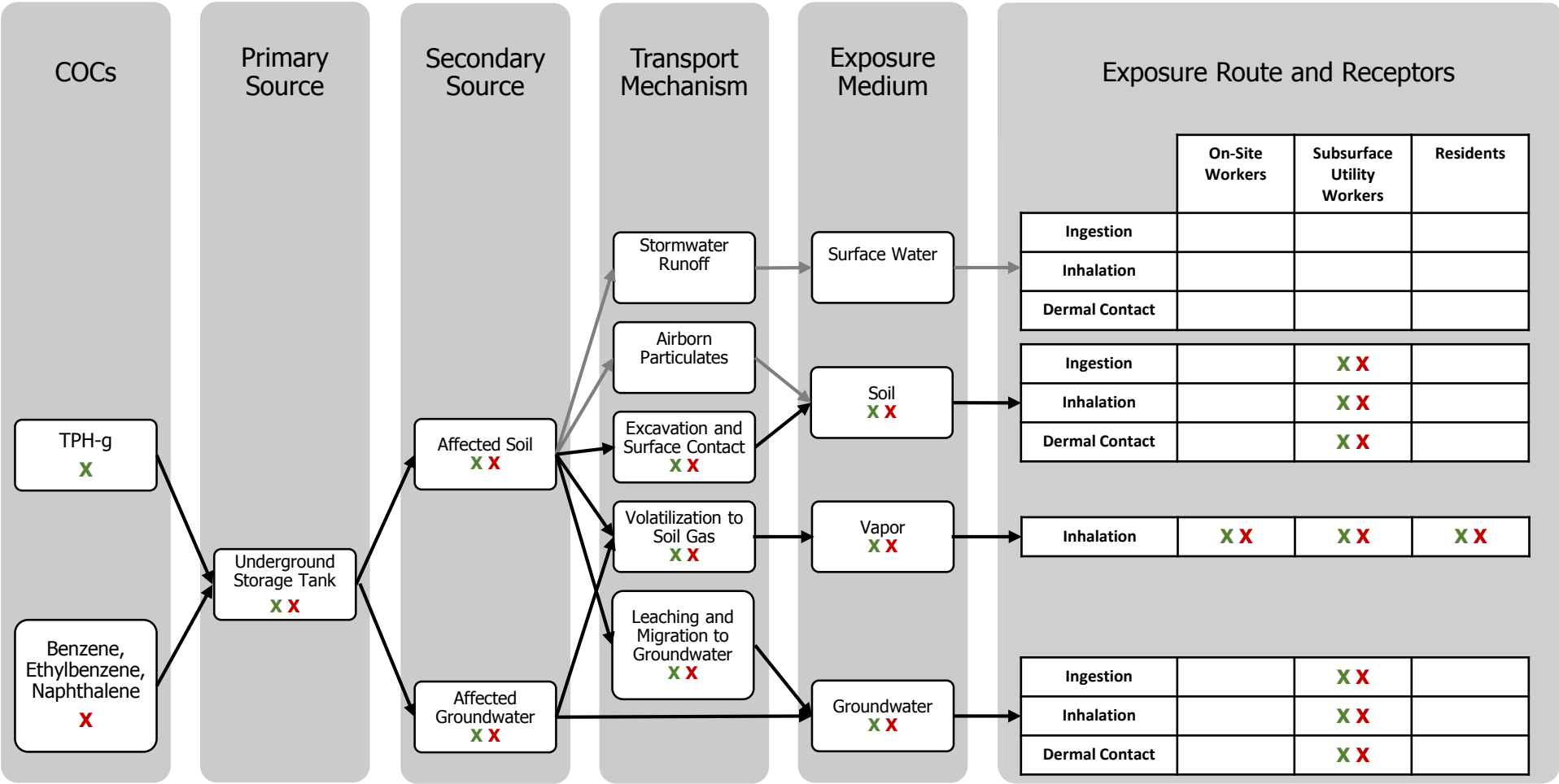
2500 Camino Diablo
Walnut Creek, California

GROUNDWATER POTENTIOMETRIC SURFACE
JULY 2018

3442 ADELINE STREET
OAKLAND, CA 94608

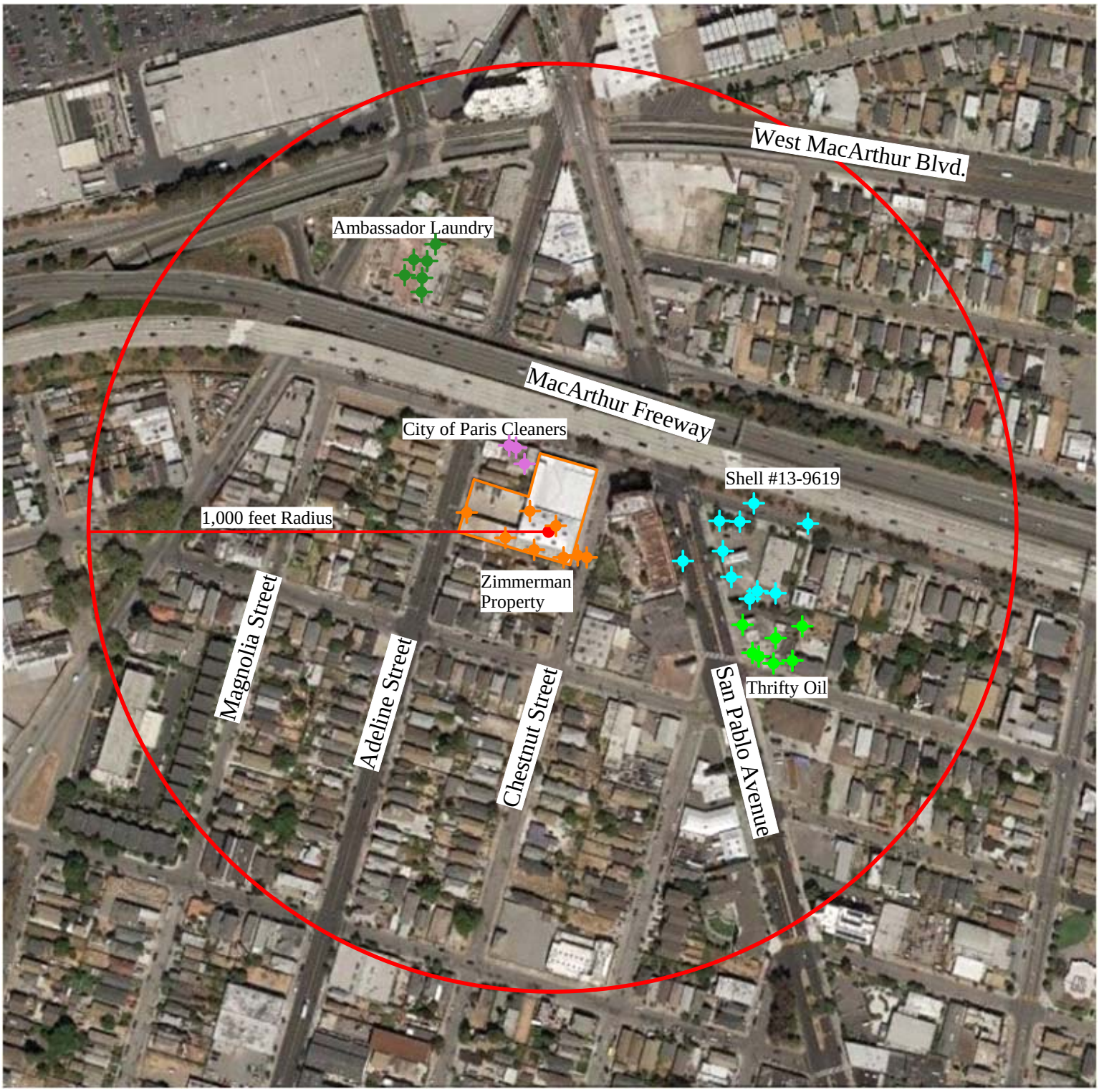
FIGURE 5
Project No. 281939

FIGURE 6
CONCEPTUAL SITE MODEL EXPOSURE PATHWAYS
Zimmerman Properties
3442 Adeline Street
Oakland, CA



Notes:
COCs Constituents of Concern
TPH-g Gasoline range petroleum hydrocarbons
Pathway considered complete for one or more constituent of concern
Pathway incomplete for all constituents of concern

AEI Consultants
AEI Proj. No. 281939



Zimmerman Property
Ambassador Laundry
City of Paris Cleaners
Shell #13-9619
Thrifty Oil

Subject Property

AEI CONSULTANTS

2500 CAMINO DIABLO, WALNUT CREEK

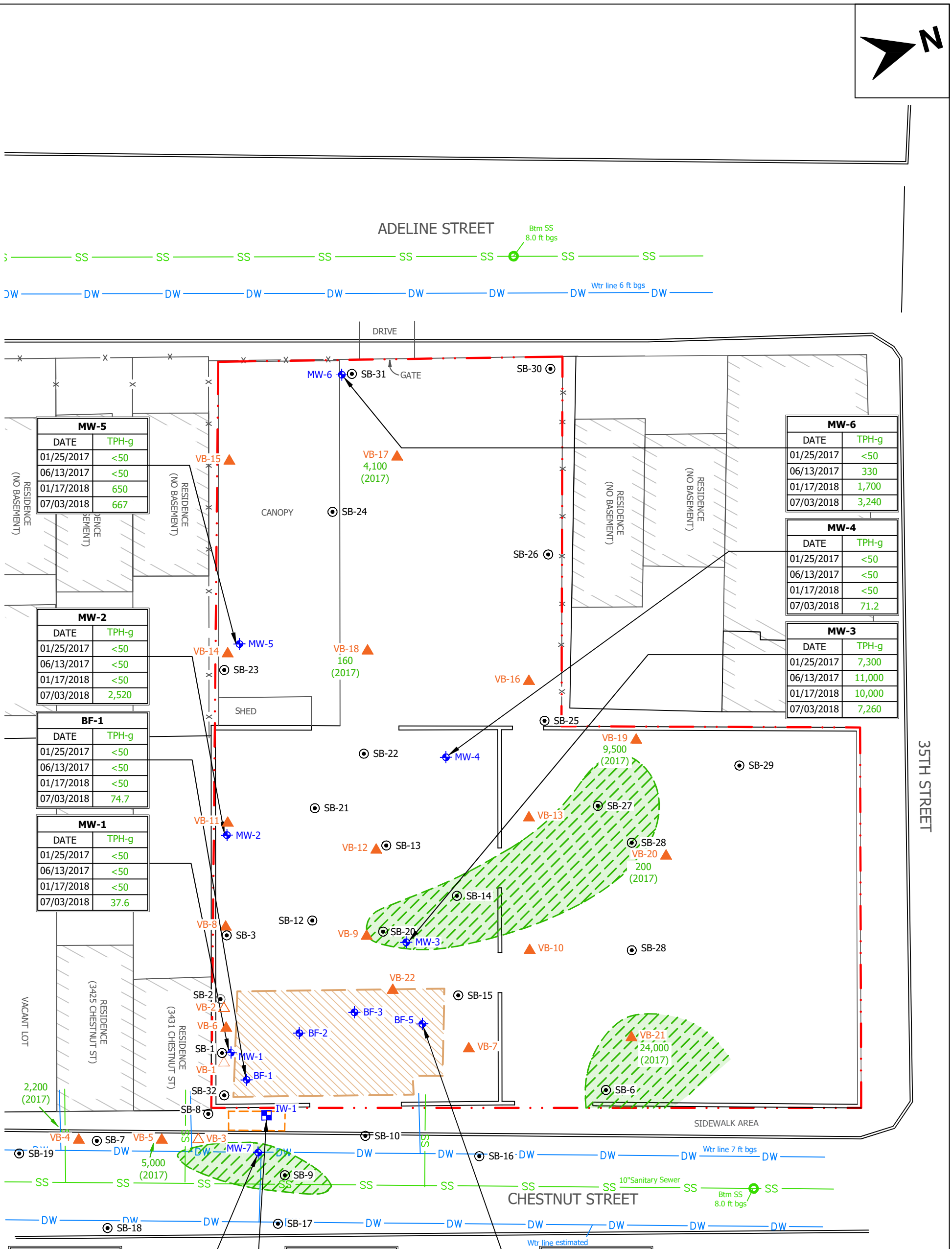
ACPWA and DWP Well Survey Results

3442 Adeline Street
Oakland, California

Figure 7

PROJECT NO. 281939

D:\Votaw CAD Design\CadFiles\AEI Consultants\281939 Zimmerman - PO 153712\2018 07 GW & SG Monitoring Report_AEI-281939-Zimmerman GW & SG Report LNAPL - 09/07/2018



MW-5	
DATE	TPH-g
01/25/2017	<50
06/13/2017	<50
01/17/2018	650
07/03/2018	667

MW-6	
DATE	TPH-g
01/25/2017	<50
06/13/2017	330
01/17/2018	1,700
07/03/2018	3,240

MW-4	
DATE	TPH-g
01/25/2017	<50
06/13/2017	<50
01/17/2018	<50
07/03/2018	71.2

MW-3	
DATE	TPH-g
01/25/2017	7,300
06/13/2017	11,000
01/17/2018	10,000
07/03/2018	7,260

MW-2	
DATE	TPH-g
01/25/2017	<50
06/13/2017	<50
01/17/2018	<50
07/03/2018	2,520

BF-1	
DATE	TPH-g
01/25/2017	<50
06/13/2017	<50
01/17/2018	<50
07/03/2018	74.7

MW-1	
DATE	TPH-g
01/25/2017	<50
06/13/2017	<50
01/17/2018	<50
07/03/2018	37.6

MW-7	
DATE	TPH-g
01/25/2017	3,200
06/13/2017	10,000
01/17/2018	10,000
07/03/2018	11,600

IW-1	
DATE	TPH-g
01/25/2017	<50
06/13/2017	<50
01/17/2018	<50
07/03/2018	6.73

BF-5	
DATE	TPH-g
01/25/2017	<50
06/13/2017	<50
01/17/2018	<50
07/03/2018	<100

LEGEND

0 30 60 APPROXIMATE SCALE IN FEET or MILES

- SB-1 AEI Soil Boring
- VB-1 Temporary Soil Vapor Probe
- VB-4 Permanent Soil Vapor Probe
- BF-1 Backfill Well Casings
- MW-1 Monitoring Well Casings
- IW-1 Injection Well
- Potential LNAPL Areas
- <50 (2017) TPH-G Analytical Result (µg/L) Sample Collection Year
- Site Boundary
- DW Domestic Water
- SS Sanitary Sewer
- Interim Source Removal Excavation (2009)
- Former Gasoline UST
- Micrograms/Liter (µg/L)

AEI Consultants

2500 Camino Diablo
Walnut Creek, California

LNAPL AREA ESTIMATION

3442 ADELINE STREET
OAKLAND, CA 94608

FIGURE 8
Project No. 281939

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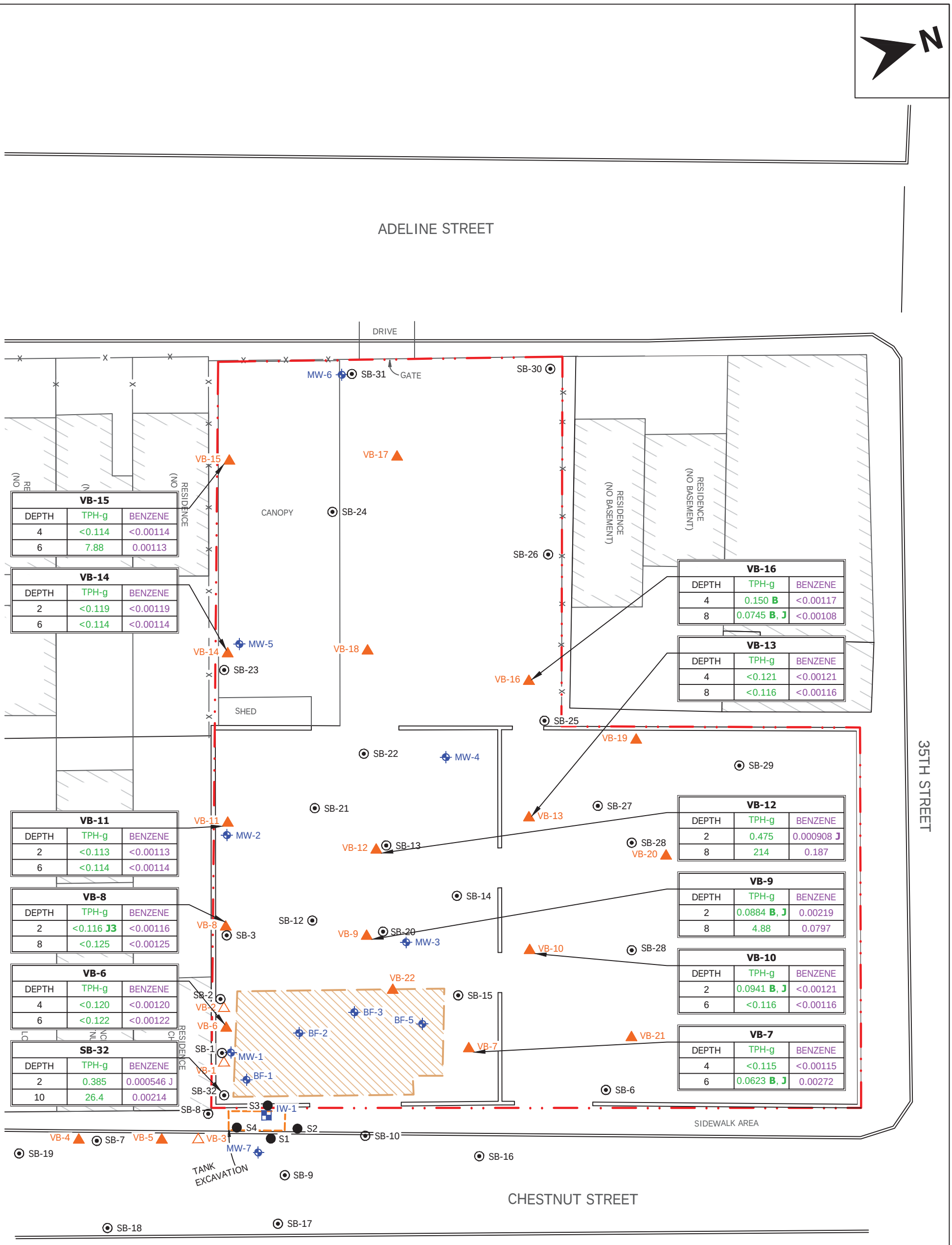


VB-15		
DEPTH	TPH-g	BENZENE
4	<0.114	<0.00114
6	7.88	0.00113

VB-14		
DEPTH	TPH-g	BENZENE
2	<0.119	<0.00119
6	<0.114	<0.00114

VB-11		
DEPTH	TPH-g	BENZENE
2	<0.113	<0.00113
6	<0.114	<0.00114

VB-8		
DEPTH	TPH-g	BENZENE
2	<0.116 **J3**	<0.00116
8	<0.125	<0.00125

VB-6		
DEPTH	TPH-g	BENZENE
4	<0.120	<0.00120
6	<0.122	<0.00122

SB-32		
DEPTH	TPH-g	BENZENE
2	0.385	0.000546 J
10	26.4	0.00214

VB-16		
DEPTH	TPH-g	BENZENE
4	0.150 **B**	<0.00117
8	0.0745 **B, J**	<0.00108

VB-13		
DEPTH	TPH-g	BENZENE
4	<0.121	<0.00121
8	<0.116	<0.00116

VB-12		
DEPTH	TPH-g	BENZENE
2	0.475	0.000908 **J**
8	214	0.187

VB-9		
DEPTH	TPH-g	BENZENE
2	0.0884 **B, J**	0.00219
8	4.88	0.0797

VB-10		
DEPTH	TPH-g	BENZENE
2	0.0941 **B, J**	<0.00121
6	<0.116	<0.00116

VB-7		
DEPTH	TPH-g	BENZENE
4	<0.115	<0.00115
6	0.0623 **B, J**	0.00272

LEGEND

0 30 60 APPROXIMATE SCALE IN FEET or MILES

- SB-1 AEI Soil Boring
- S-1 Clear Water Soil Sample
- VB-1 Temporary Soil Vapor Probe
- VB-4 Permanent Soil Vapor Probe
- BF-1 Backfill Well Casings
- MW-1 Monitoring Well Casings
- Site Boundary
- Interim Source Removal Excavation
- Former Gasoline UST

Note:
All concentrations are reported in units of miligrams of analyte per kilogram of soil.

AEI Consultants

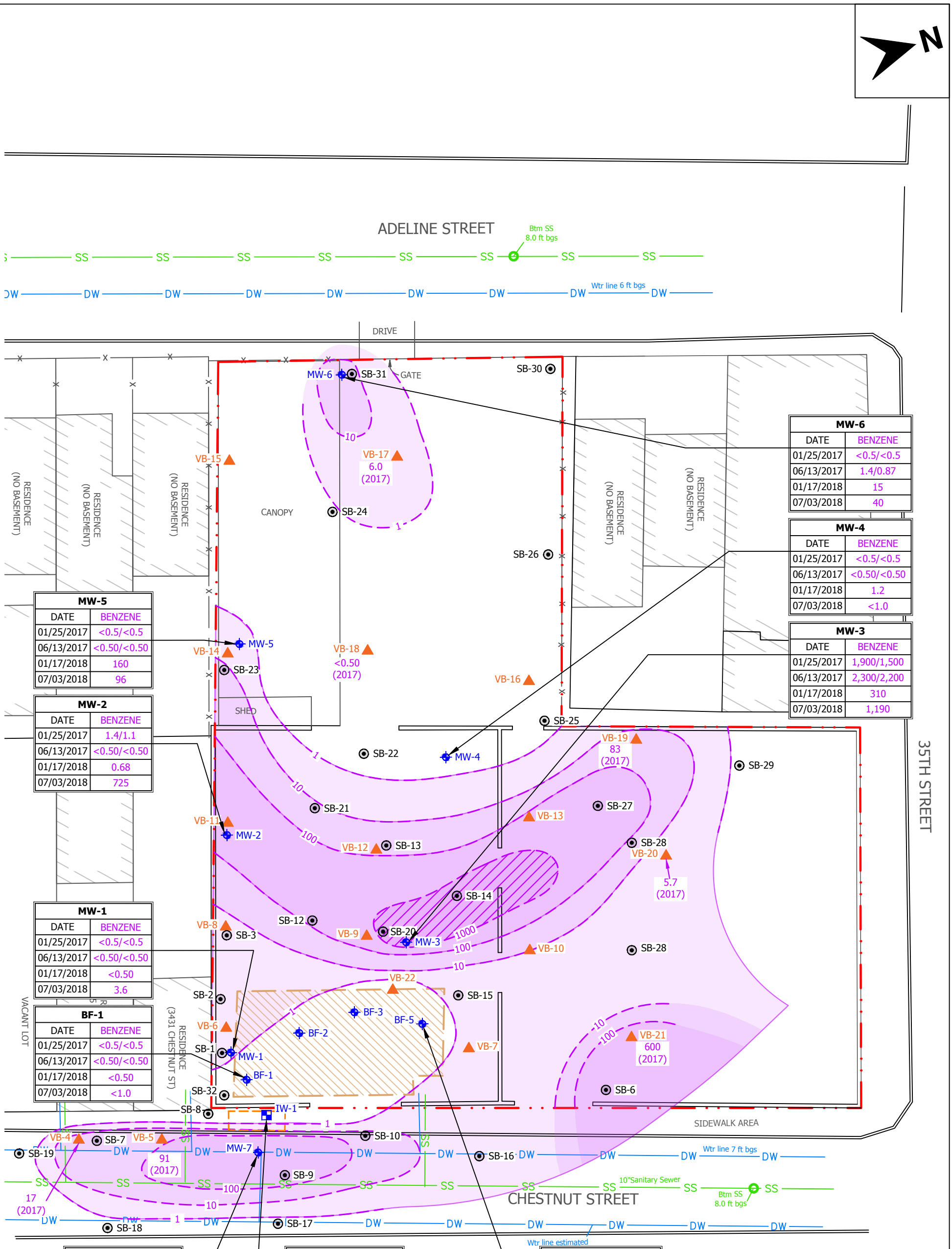
2500 Camino Diablo
Walnut Creek, California

TPH-g AND BENZENE IN SOIL

3442 ADELINE STREET
OAKLAND, CA 94608

FIGURE 9
Project No. 281939

D:\Votaw CAD Design\CadFiles\AEI Consultants\281939 Zimmerman - PO 153712\2018 07 GW & SG Monitoring Report_AEI-281939-Zimmerman GW & SG Report 18-07 - 08/14/2018



MW-6	
DATE	BENZENE
01/25/2017	<0.5/<0.5
06/13/2017	1.4/0.87
01/17/2018	15
07/03/2018	40

MW-4	
DATE	BENZENE
01/25/2017	<0.5/<0.5
06/13/2017	<0.50/<0.50
01/17/2018	1.2
07/03/2018	<1.0

MW-3	
DATE	BENZENE
01/25/2017	1,900/1,500
06/13/2017	2,300/2,200
01/17/2018	310
07/03/2018	1,190

MW-5	
DATE	BENZENE
01/25/2017	<0.5/<0.5
06/13/2017	<0.50/<0.50
01/17/2018	160
07/03/2018	96

MW-2	
DATE	BENZENE
01/25/2017	1.4/1.1
06/13/2017	<0.50/<0.50
01/17/2018	0.68
07/03/2018	725

MW-1	
DATE	BENZENE
01/25/2017	<0.5/<0.5
06/13/2017	<0.50/<0.50
01/17/2018	<0.50
07/03/2018	3.6

BF-1	
DATE	BENZENE
01/25/2017	<0.5/<0.5
06/13/2017	<0.50/<0.50
01/17/2018	<0.50
07/03/2018	<1.0

MW-7	
DATE	BENZENE
01/25/2017	190/140
06/13/2017	1,900/1,800
01/17/2018	870
07/03/2018	1,590

IW-1	
DATE	BENZENE
01/25/2017	<0.5/<0.5
06/13/2017	<0.50/<0.50
01/17/2018	<0.50
07/03/2018	<1.0

BF-5	
DATE	BENZENE
01/25/2017	<0.5/<0.5
06/13/2017	<0.50/<0.50
01/17/2018	<0.50
07/03/2018	<1.0

LEGEND

0 30 60 APPROXIMATE SCALE IN FEET or MILES

- SB-1 AEI Soil Boring
- VB-4 Permanent Soil Vapor Probe
- BF-1 Backfill Well Casings
- MW-1 Monitoring Well Casings
- IW-1 Injection Well
- 10 TPH-g Isoconcentration Contour (µg/L)
- <0.50 Grab Groundwater TPH-G Analytical Result (µg/L)
- (2017) Grab Groundwater Sample Collection Year
- Site Boundary
- DW Domestic Water
- SS Sanitary Sewer
- Interim Source Removal Excavation (2009)
- Former Gasoline UST

Micrograms/Liter (µg/L)

AEI Consultants

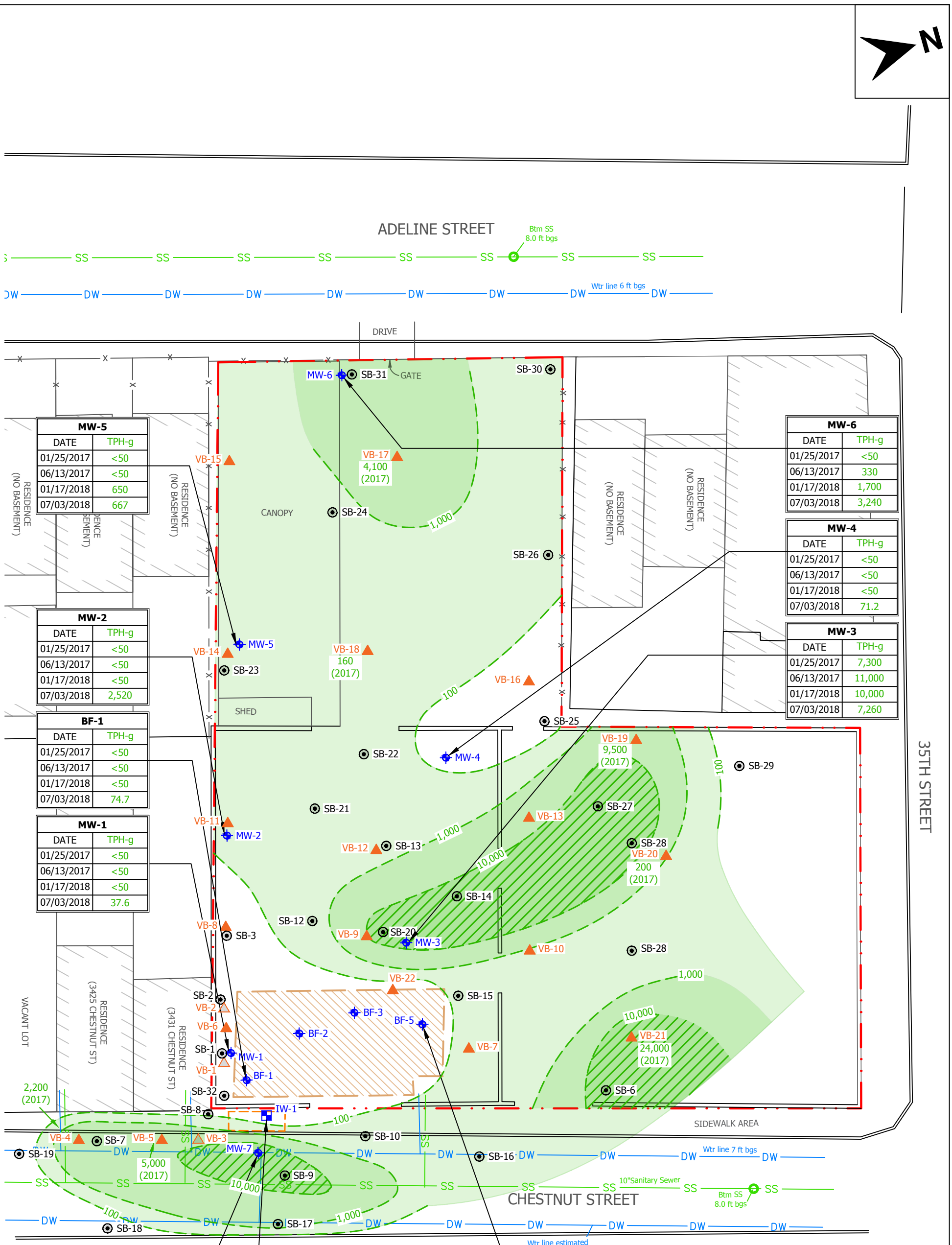
2500 Camino Diablo
Walnut Creek, California

BENZENE IN GROUNDWATER JULY 2018

3442 ADELINE STREET
OAKLAND, CA 94608

FIGURE 10
Project No. 281939

D:\Votaw CAD Design\CadFiles\AEI Consultants\281939 Zimmerman - PO 153712\2018 07 GW & SG Monitoring Report_AEI-281939-Zimmerman GW & SG Report 18-07 - 08/14/2018



MW-5	
DATE	TPH-g
01/25/2017	<50
06/13/2017	<50
01/17/2018	650
07/03/2018	667

MW-6	
DATE	TPH-g
01/25/2017	<50
06/13/2017	330
01/17/2018	1,700
07/03/2018	3,240

MW-4	
DATE	TPH-g
01/25/2017	<50
06/13/2017	<50
01/17/2018	<50
07/03/2018	71.2

MW-3	
DATE	TPH-g
01/25/2017	7,300
06/13/2017	11,000
01/17/2018	10,000
07/03/2018	7,260

MW-2	
DATE	TPH-g
01/25/2017	<50
06/13/2017	<50
01/17/2018	<50
07/03/2018	2,520

BF-1	
DATE	TPH-g
01/25/2017	<50
06/13/2017	<50
01/17/2018	<50
07/03/2018	74.7

MW-1	
DATE	TPH-g
01/25/2017	<50
06/13/2017	<50
01/17/2018	<50
07/03/2018	37.6

MW-7	
DATE	TPH-g
01/25/2017	3,200
06/13/2017	10,000
01/17/2018	10,000
07/03/2018	11,600

IW-1	
DATE	TPH-g
01/25/2017	<50
06/13/2017	<50
01/17/2018	<50
07/03/2018	6.73

BF-5	
DATE	TPH-g
01/25/2017	<50
06/13/2017	<50
01/17/2018	<50
07/03/2018	<100

LEGEND

0 30 60 APPROXIMATE SCALE IN FEET or MILES

- SB-1 AEI Soil Boring
- VB-1 Temporary Soil Vapor Probe
- VB-4 Permanent Soil Vapor Probe
- BF-1 Backfill Well Casings
- MW-1 Monitoring Well Casings
- IW-1 Injection Well
- Site Boundary
- DW Domestic Water
- SS Sanitary Sewer
- Interim Source Removal Excavation (2009)
- Former Gasoline UST
- 100 TPH-g Isoconcentration Contour (µg/L)
- <0.50 Grab Groundwater TPH-G Analytical Result (µg/L)
- (2017) Grab Groundwater Sample Collection Year

Micrograms/Liter (µg/L)

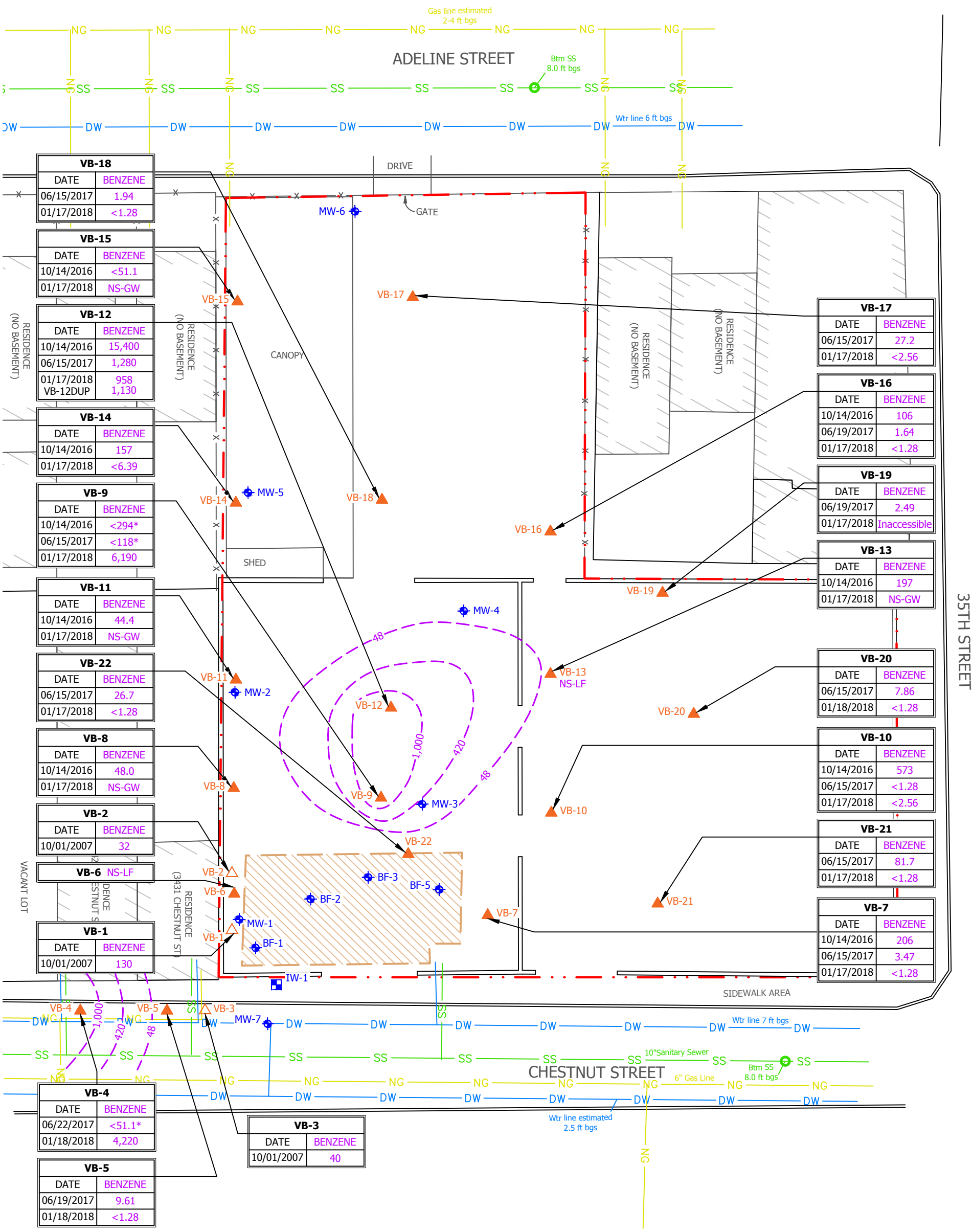
AEI Consultants

2500 Camino Diablo
Walnut Creek, California

TPH-g IN GROUNDWATER JULY 2018

3442 ADELINE STREET
OAKLAND, CA 94608

FIGURE 11
Project No. 281939



VB-18	
DATE	BENZENE
06/15/2017	1.94
01/17/2018	<1.28

VB-15	
DATE	BENZENE
10/14/2016	<51.1
01/17/2018	NS-GW

VB-12	
DATE	BENZENE
10/14/2016	15,400
06/15/2017	1,280
01/17/2018	958
VB-12DUP	1,130

VB-14	
DATE	BENZENE
10/14/2016	157
01/17/2018	<6.39

VB-9	
DATE	BENZENE
10/14/2016	<294*
06/15/2017	<118*
01/17/2018	6,190

VB-11	
DATE	BENZENE
10/14/2016	44.4
01/17/2018	NS-GW

VB-22	
DATE	BENZENE
06/15/2017	26.7
01/17/2018	<1.28

VB-8	
DATE	BENZENE
10/14/2016	48.0
01/17/2018	NS-GW

VB-2	
DATE	BENZENE
10/01/2007	32

VB-6 NS-LF	

VB-1	
DATE	BENZENE
10/01/2007	130

VB-17	
DATE	BENZENE
06/15/2017	27.2
01/17/2018	<2.56

VB-16	
DATE	BENZENE
10/14/2016	106
06/19/2017	1.64
01/17/2018	<1.28

VB-19	
DATE	BENZENE
06/19/2017	2.49
01/17/2018	Inaccessible

VB-13	
DATE	BENZENE
10/14/2016	197
01/17/2018	NS-GW

VB-20	
DATE	BENZENE
06/15/2017	7.86
01/18/2018	<1.28

VB-10	
DATE	BENZENE
10/14/2016	573
06/15/2017	<1.28
01/17/2018	<2.56

VB-21	
DATE	BENZENE
06/15/2017	81.7
01/17/2018	<1.28

VB-7	
DATE	BENZENE
10/14/2016	206
06/15/2017	3.47
01/17/2018	<1.28

VB-4	
DATE	BENZENE
06/22/2017	<51.1*
01/18/2018	4,220

VB-5	
DATE	BENZENE
06/19/2017	9.61
01/18/2018	<1.28

VB-3	
DATE	BENZENE
10/01/2007	40

LEGEND

0 30 60 APPROXIMATE SCALE IN FEET or MILES

- VB-1 Temporary Soil Vapor Probe
- VB-4 Permanent Soil Vapor Probe
- BF-1 Backfill Well Casings
- MW-1 Monitoring Well Casings
- IW-1 Injection Well
- NS-LF Not Sampled-Low Flow
- NS-GW Not Sampled-Groundwater
- * Analyte Reported in Method Blank
- Site Boundary
- DW Domestic Water
- SS Sanitary Sewer
- NG Natural Gas
- Interim Source Removal Excavation (2009)
- 48 Benzene in Soil Vapor Isoconcentration Contour (µg/L) Dashed where inferred

Micrograms/Liter (µg/L)

AEI Consultants

2500 Camino Diablo
Walnut Creek, California

BENZENE IN SOIL VAPOR JANUARY 2017

3442 ADELINE STREET
OAKLAND, CA 94608

FIGURE 12
Project No. 281939

D:\Votaw CAD Design\CadFiles\AEI Consultants\281939 Zimmerman - PO 153712\2018 01 GW & SG Monitoring Report_AEI-281939-Zimmerman GW & SG Report - 03/13/2018

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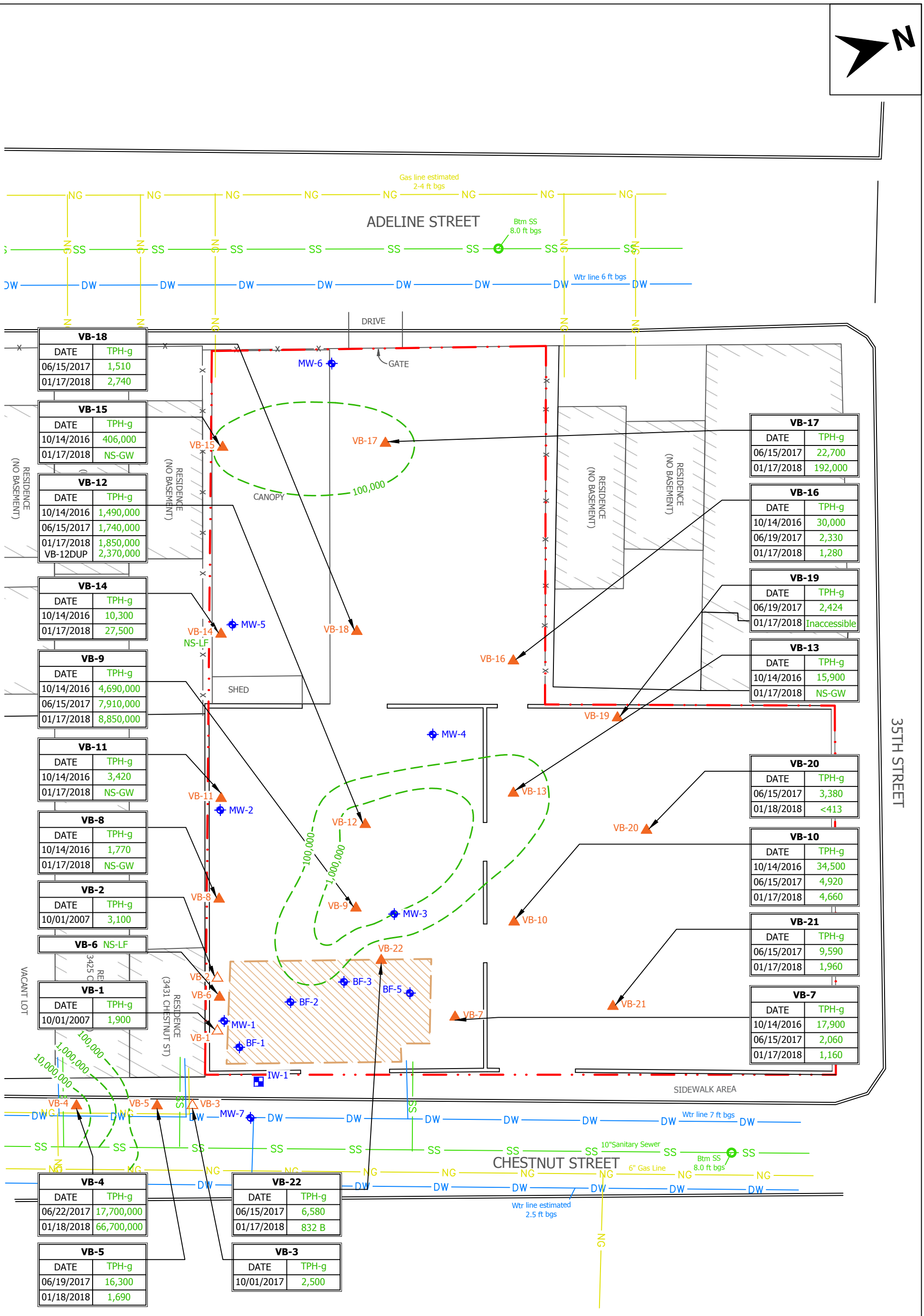

VB-18	
DATE	TPH-g
06/15/2017	1,510
01/17/2018	2,740

VB-15	
DATE	TPH-g
10/14/2016	406,000
01/17/2018	NS-GW

VB-12	
DATE	TPH-g
10/14/2016	1,490,000
06/15/2017	1,740,000
01/17/2018	1,850,000
VB-12DUP	2,370,000

VB-14	
DATE	TPH-g
10/14/2016	10,300
01/17/2018	27,500

VB-9	
DATE	TPH-g
10/14/2016	4,690,000
06/15/2017	7,910,000
01/17/2018	8,850,000

VB-11	
DATE	TPH-g
10/14/2016	3,420
01/17/2018	NS-GW

VB-8	
DATE	TPH-g
10/14/2016	1,770
01/17/2018	NS-GW

VB-2	
DATE	TPH-g
10/01/2007	3,100

VB-6 NS-LF	

VB-1	
DATE	TPH-g
10/01/2007	1,900

VB-17	
DATE	TPH-g
06/15/2017	22,700
01/17/2018	192,000

VB-16	
DATE	TPH-g
10/14/2016	30,000
06/19/2017	2,330
01/17/2018	1,280

VB-19	
DATE	TPH-g
06/19/2017	2,424
01/17/2018	Inaccessible

VB-13	
DATE	TPH-g
10/14/2016	15,900
01/17/2018	NS-GW

VB-20	
DATE	TPH-g
06/15/2017	3,380
01/18/2018	<413

VB-10	
DATE	TPH-g
10/14/2016	34,500
06/15/2017	4,920
01/17/2018	4,660

VB-21	
DATE	TPH-g
06/15/2017	9,590
01/17/2018	1,960

VB-7	
DATE	TPH-g
10/14/2016	17,900
06/15/2017	2,060
01/17/2018	1,160

VB-4	
DATE	TPH-g
06/22/2017	17,700,000
01/18/2018	66,700,000

VB-22	
DATE	TPH-g
06/15/2017	6,580
01/17/2018	832 B

VB-5	
DATE	TPH-g
06/19/2017	16,300
01/18/2018	1,690

VB-3	
DATE	TPH-g
10/01/2017	2,500

LEGEND

0 30 60 APPROXIMATE SCALE IN FEET or MILES

- VB-1 Temporary Soil Vapor Probe
- VB-4 Permanent Soil Vapor Probe
- BF-1 Backfill Well Casings
- MW-1 Monitoring Well Casings
- IW-1 Injection Well
- NS-LF Not Sampled-Low Flow
- NS-GW Not Sampled-Groundwater
- B Same Analyte is Found in Method Blank
- Site Boundary
- DW Domestic Water
- SS Sanitary Sewer
- NG Natural Gas
- Interim Source Removal Excavation (2009)
- 100,000 TPH-g Isoconcentration Contour (µg/m^3) Dashed where inferred
- Micrograms/Meter Cubed (µg/m^3)

AEI Consultants

2500 Camino Diablo
Walnut Creek, California

TPH-g IN SOIL VAPOR JANUARY 2018

3442 ADELINE STREET
OAKLAND, CA 94608

FIGURE 13
Project No. 281939

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LEGEND

0 30 60 APPROXIMATE SCALE IN FEET or MILES

VB-4	Permanent Soil Vapor Probe
BF-1	Backfill Well Casings
MW-1	Monitoring Well Casings
IW-1	Injection Well
NS	Not Sampled
	Site Boundary
DW	Domestic Water
SS	Sanitary Sewer
NG	Natural Gas
	Interim Source Removal Excavation (2009)
4%	Oxygen Soil Vapor Isoconcentraion (%)

AEI Consultants

2500 Camino Diablo
Walnut Creek, California

OXYGEN IN SOIL VAPOR JANUARY 2018

3442 ADELINE STREET
OAKLAND, CA 94608

FIGURE 14
Project No. 281939

LEGEND

DRAFTED BY JES

- Site Boundary
- Monitoring Well/Backfill Casings
- Permanent Soil Vapor Probe
- Former Gasoline UST
- Interim Source Removal Excavation
- TPH-g Groundwater Isocontour (ug/L)
- TPH-g Soil Vapor Isocontour (ug/m3)

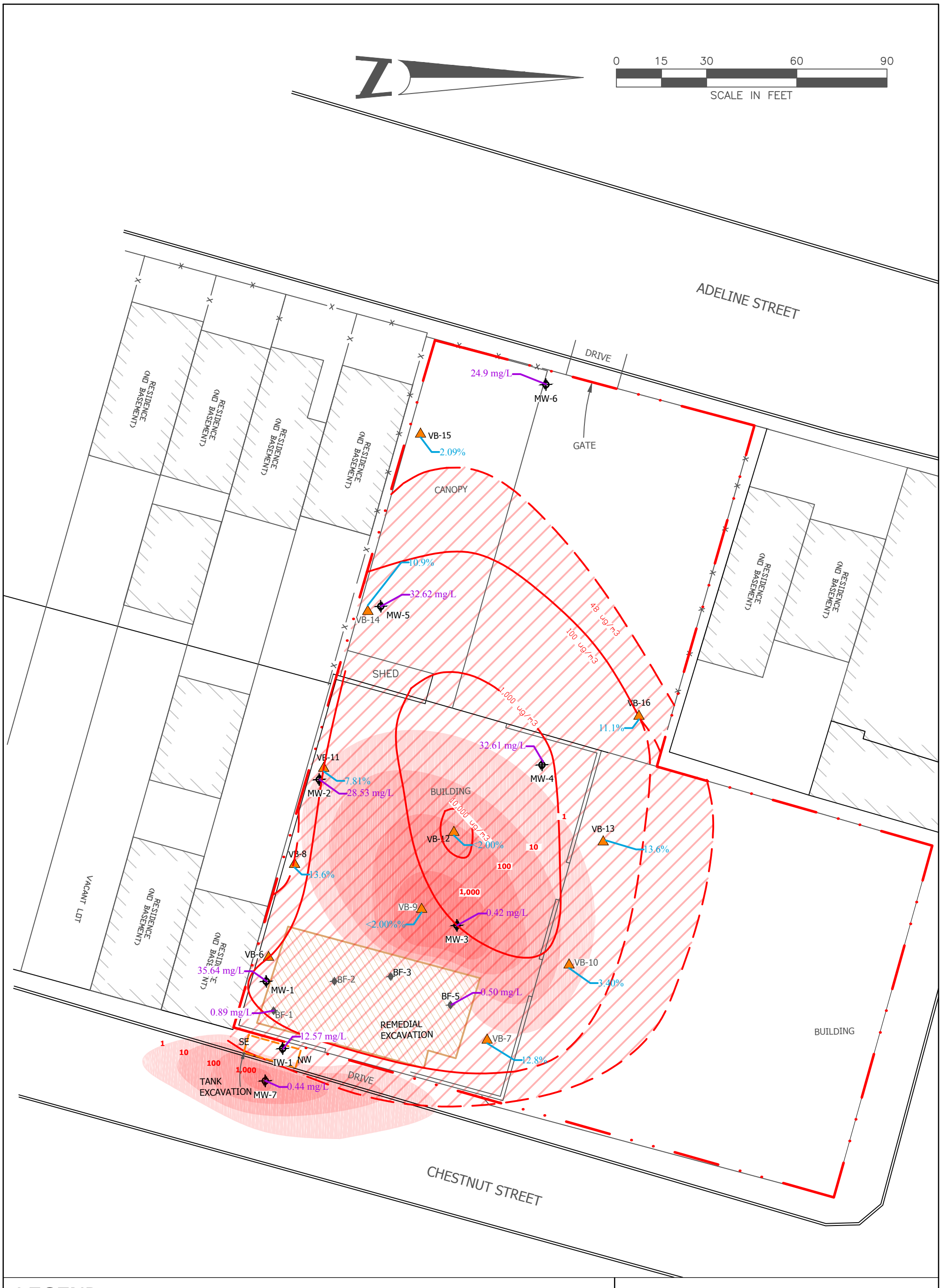
AEI CONSULTANTS

2500 CAMINO DIABLO, WALNUT CREEK

TPH-g in Soil Vapor & Groundwater

3442 ADELINE STREET
OAKLAND, CALIFORNIA

FIGURE 15
PROJECT NO. 281939



LEGEND

DRAFTED BY JES

- Site Boundary
- Monitoring Well/Backfill Casings
- Permanent Soil Vapor Probe
- Former Gasoline UST
- Interim Source Removal Excavation
- Benzene Groundwater Isocontour (ug/L)
- Benzne Soil Vapor Isocontour (ug/m3)

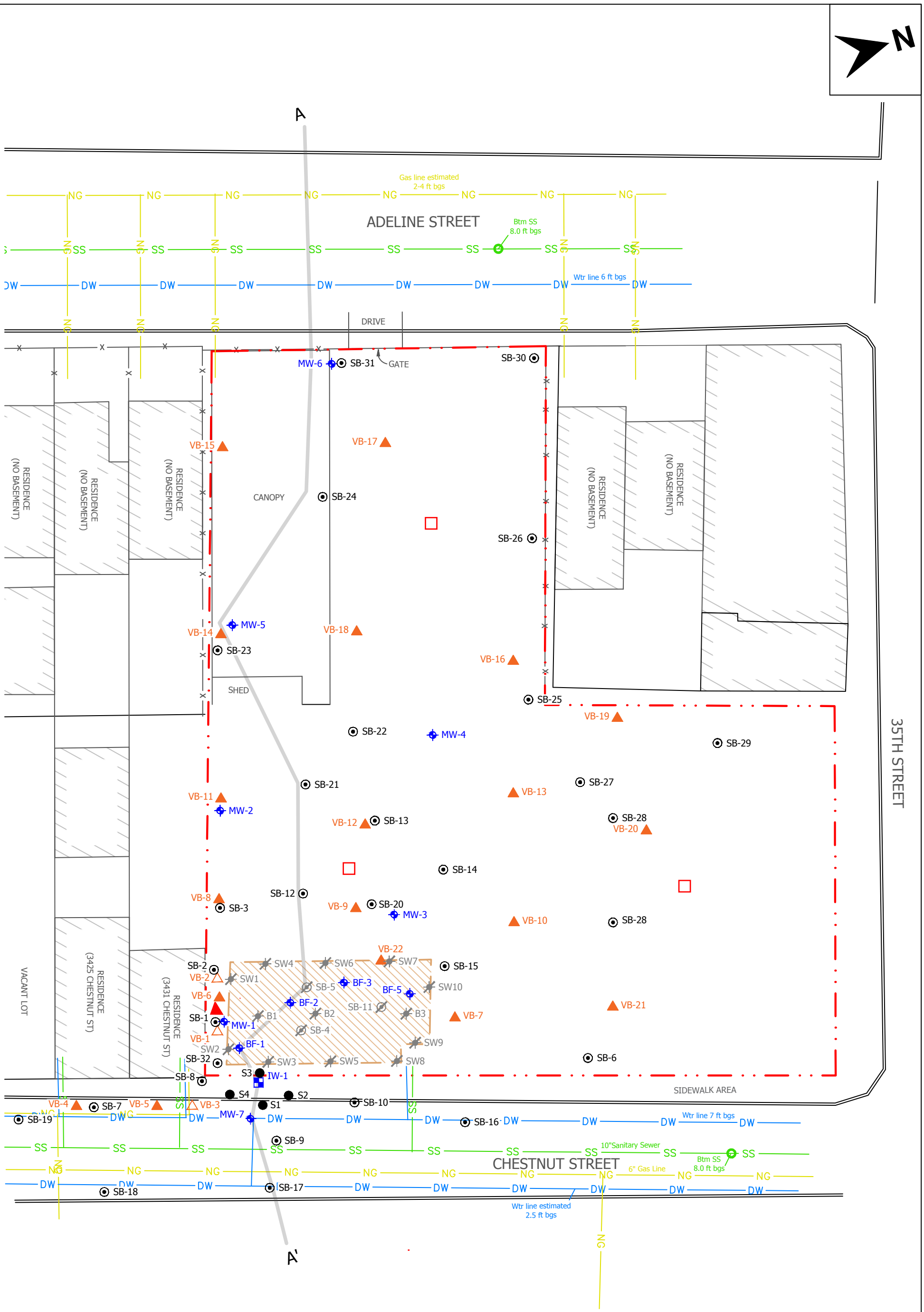
AEI CONSULTANTS

2500 CAMINO DIABLO, WALNUT CREEK

Benzene in Soil Vapor & Groundwater

3442 ADELINE STREET
OAKLAND, CALIFORNIA

FIGURE 16
PROJECT NO. 281939



LEGEND

SB-1	AEI Soil Boring
S-1	Clear Water Soil Sample
SW1	Base Soil Sample
B-1	Sidewall Soil Sample
VB-1	Temporary Soil Vapor Probe
VB-4	Permanent Soil Vapor Probe
BF-1	Backfill Well Casings
MW-1	Monitoring Well Casings
IW-1	Injection Well
	Abandon AEI Soil Boring
	Abandon Base Soil Sample
	Site Boundary
DW	Domestic Water
SS	Sanitary Sewer
NG	Natural Gas
A — A'	Cross Section
	Interim Source Removal Excavation (2009)
	Proposed Sub-Slab Sampling Location
	Proposed Air Sample (Bathroom sample location not shown)

AEI Consultants

2500 Camino Diablo
Walnut Creek, California

PROPOSED SAMPLING LOCATIONS

3442 ADELINE STREET
OAKLAND, CA 94608

FIGURE 17
Project No. 281939

P:\Companywide Projects\280000 Series\281939 Oakland, CA\SM\281939 Zimmerman PM\Deliverables\2017 06 - Data Gap Investigation\01_Figures\Zimmerman_V02_JES - 07/25/2017

TABLES

TABLE 1
Well Construction Details

Zimmerman Property
3442 Adeline Street
Oakland, CA

Well ID	Date Installed	Top of Casing Elevation (ft)	Well Box Rim Elevation (ft)	Well Depth (ft bgs)	Casing Material	Casing Diameter (in)	Sceened Interval (ft bgs)	Slot Size (in)	Sand Interval (ft bgs)	Sand Size
BF-1	03/09/09	31.87	32.14	13	PVC	4	9-13	0.020	8-13	# 2/12
BF-2	03/09/09	NA	NA	13	PVC	4	9-13	0.020	8-13	# 2/12
BF-3	03/09/09	NA	NA	13	PVC	4	8-13	0.020	7-13	# 2/12
BF-5	03/09/09	32.28	32.59	13	PVC	4	8-13	0.020	7-13	# 2/12
MW-1	04/01/09	31.12	32.13	17	PVC	4	7-17	0.020	6-17	# 2/12
MW-2	04/01/09	31.19	31.43	17	PVC	4	7-17	0.020	6-17	# 2/12
MW-3	04/01/09	32.07	32.39	17	PVC	4	7-17	0.020	6-17	# 2/12
MW-4	04/02/09	31.68	31.98	17	PVC	2	7-17	0.020	6-17	# 2/12
MW-5	05/12/09	30.39	30.82	17	PVC	2	7-17	0.020	6-17	# 2/12
MW-6	04/02/09	29.34	29.96	17	PVC	2	7-17	0.020	6-17	# 2/12
MW-7	05/13/09	31.04	31.45	17	PVC	2	7-17	0.020	6-17	# 2/12
IW-1	05/12/09	31.66	31.90	15	SS	2	13-15	40 mesh	12-15	# 2/12

Notes:

Elevations provided in reference to North American Vertical Datum 1988

ft	feet
bgs	below ground surface
in	inches
PVC	polyvinylchloride
SS	stainless steel
NA	no available information

TABLE 2
Summary of Soil Analytical Data
Zimmerman Property
3442 Adeline Street
Oakland, CA 94608

Sample ID	Depth (ft)	Date	TPH-g (C5-C12) (mg/kg)	TPH-d (C12-C22) (mg/kg)	TPH-mo (C22-C32) (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylenes (mg/kg)	Napthalene (mg/kg)	MTBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)
UST Removal Samples															
NW	6.5	2/22/00	130	130	---	0.16	0.26	0.73	6.3	---	---	---	---	---	---
SE	6.5	2/22/00	920	850	---	0.3	0.37	5.3	22	---	---	---	---	---	---
2006-2008 Soil Borings															
S-1	5	6/23/06	<1.0	5.6	---	0.011	<0.0050	<0.0050	<0.0050	---	---	---	---	---	---
	8		100	26	---	1.3	0.22	2.0	7.2	---	---	---	---	---	---
	12		67	45	---	0.098	<0.025	0.73	0.39	---	---	---	---	---	---
	14.5		<1.0	1.2	---	<0.0050	<0.0050	<0.0050	0.01	---	---	---	---	---	---
S-2	4	6/23/06	<1.0	4.7	---	0.016	<0.0050	<0.0050	<0.0050	---	---	---	---	---	---
	7.5		460	84	---	1.2	0.36	9.4	24	---	---	---	---	---	---
	12		61	49	---	0.33	0.055	0.84	2.4	---	---	---	---	---	---
	14		<1.0	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	---	---	---	---	---
S-3	3.5	6/23/06	<1.0	3.1	---	<0.0050	<0.0050	<0.0050	<0.0050	---	---	---	---	---	---
	7.5		1,200	250	---	0.47	0.52	18	100	---	---	---	---	---	---
	10		220	76	---	0.26	<0.040	6.2	7.2	---	---	---	---	---	---
	14.5		<1.0	1.3	---	<0.0050	<0.0050	0.0056	0.016	---	---	---	---	---	---
S-4	3.5	6/23/06	<1.0	3.5	---	<0.0050	<0.0050	<0.0050	<0.0050	---	---	---	---	---	---
	7.5		820	240	---	<0.20	<0.20	6.7	4.4	---	---	---	---	---	---
	11.5		500	120	---	0.079	<0.040	3.5	4.8	---	---	---	---	---	---
	14.5		<1.0	1.3	---	<0.0050	<0.0050	<0.0050	<0.0050	---	---	---	---	---	---
SB-1	4	10/1/07	2.9	---	---	0.016	0.0079	<0.005	0.0094	---	<0.05	---	---	---	---
	7.5		1,200	450	---	3.1	2.5	24	110	---	<5.0	---	---	---	---
	11.5		640	90	---	0.40	1.5	9.3	23	---	<2.5	<0.33	<3.3	<0.33	<0.33
	15.5		<1.0	---	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
SB-2	7.5	10/1/07	<1.0	<1.0		<0.005	<0.005	<0.005	<0.005		<0.05	---	---	---	---
	11		53	6.1	---	<0.005	0.24	0.0084	0.19	---	<0.05	<0.005	<0.05	<0.005	<0.005
SB-3	7.5	10/1/07	<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
	11.5		<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	<0.005	<0.05	<0.005	<0.005
SB-4	3.5	10/1/07	~~1.2~~	~~---~~	---	~~<0.005~~	~~<0.005~~	~~<0.005~~	~~<0.005~~	---	~~<0.05~~	~~---~~	~~---~~	~~---~~	~~---~~
	7.5		~~430~~	~~170~~	---	~~1.2~~	~~0.99~~	~~3.6~~	~~1.2~~	---	~~<1.0~~	~~---~~	~~---~~	~~---~~	~~---~~
	11.5		~~340~~	~~25~~	---	~~2.4~~	~~0.92~~	~~7.1~~	~~9.7~~	---	~~<1.0~~	~~<0.005~~	~~<0.05~~	~~<0.005~~	~~<0.005~~
	15.5		<1.0	---	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
SB-5	~~3.5~~	10/1/07	~~<1.0~~	~~—~~	---	~~<0.005~~	~~<0.005~~	~~<0.005~~	~~<0.005~~	---	~~<0.05~~	~~—~~	~~—~~	~~—~~	~~—~~
	~~7.5~~		~~420~~	~~54~~	---	~~4.0~~	~~1.1~~	~~9.5~~	~~18~~	---	~~<1.5~~	~~—~~	~~—~~	~~—~~	~~—~~
	~~11.5~~		~~130~~	~~22~~	---	~~0.43~~	~~0.10~~	~~1.2~~	~~0.77~~	---	~~<1.0~~	~~<0.005~~	~~<0.05~~	~~<0.005~~	~~<0.005~~
	15.5		<1.0	---	---	0.017	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---

TABLE 2
Summary of Soil Analytical Data
Zimmerman Property
3442 Adeline Street
Oakland, CA 94608

Sample ID	Depth (ft)	Date	TPH-g (C5-C12) (mg/kg)	TPH-d (C12-C22) (mg/kg)	TPH-mo (C22-C32) (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylenes (mg/kg)	Napthalene (mg/kg)	MTBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)
SB-6	7.5	10/1/07	<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
	11.5		<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	<0.005	<0.05	<0.005	<0.005
SB-7	7.5	10/3/07	310	90		<0.10	0.48	0.28	0.38		<1.0	---	---	---	---
	11.5		120	37	---	0.21	0.069	0.39	0.22	---	<0.50	<0.020	<0.20	<0.020	<0.020
SB-8	7.5	10/3/07	53	23	---	<0.010	0.030	0.034	0.13	---	<0.10	---	---	---	---
	11.5		99	13	---	0.24	0.070	0.66	0.46	---	<0.17	<0.010	<0.10	<0.010	<0.010
SB-9	4	10/3/07	<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
	11.5		<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	<0.005	<0.05	<0.005	<0.005
SB-10	7.5	10/3/07	35	5.1		0.72	0.024	0.47	0.079		<0.10	---	---	---	---
	11.5		750	74	---	6.9	1.6	13	33	---	<10	<0.10	<1.0	<0.10	<0.10
	15.5		<1.0	---	---	0.012	<0.005	<0.005	0.0052	---	<0.05	---	---	---	---
SB-11	~~11.5~~	10/3/07	~~39~~	~~13~~	---	~~0.68~~	~~0.086~~	~~0.76~~	~~2.3~~	---	~~<0.3~~	—	—	—	—
	15.5		41	10	---	1.1	0.071	0.55	1.5	---	0.14	---	---	---	---
SB-12	8	12/20/07	25	1.8	---	0.097	0.024	0.81	1.3	---	<0.10	---	---	---	---
	12		82	23	---	0.74	0.14	1.5	2.9	---	<0.50	---	---	---	---
	16		20	---	---	0.51	0.083	0.48	1.8	---	<0.25	---	---	---	---
SB-13	8	12/20/07	180	66	---	0.46	0.10	2.5	2.7	---	<0.50	---	---	---	---
	12		170	74	---	1.1	0.21	2.4	6.7	---	<0.50	---	---	---	---
	16		5.7	<50	---	0.87	0.017	0.12	0.10	---	<0.05	---	---	---	---
SB-14	8	12/20/07	<1.0	<1.0	---	0.0092	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
	12		910	83	---	3.3	0.43	10	16	---	<2.5	---	---	---	---
	16		<1.0	---	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
SB-15	8	12/20/07	<1.0	<1.0		<0.005	<0.005	<0.005	<0.005		<0.05	---	---	---	---
	12		390	61	---	2.7	0.47	6.7	13	---	<2.5	---	---	---	---
	16		40	---	---	0.26	0.047	0.37	1.3	---	<0.1	---	---	---	---
SB-16	8	12/20/07	<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
SB-17	8	12/20/07	<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
	12		<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
SB-18	8	12/20/07	<1.0	18		<0.005	<0.005	<0.005	<0.005		<0.05	---	---	---	---
SB-19	8	12/20/07	<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
	12		6.7	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
SB-20	8	12/20/07	89	9.7	---	0.070	0.14	0.050	0.14	---	<0.25	---	---	---	---
	12		99	32	---	0.61	0.061	1.6	1.4	---	<0.17	---	---	---	---
	16		<1.0	---	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---

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Zimmerman Property
3442 Adeline Street
Oakland, CA 94608

Sample ID	Depth (ft)	Date	TPH-g (C5-C12) (mg/kg)	TPH-d (C12-C22) (mg/kg)	TPH-mo (C22-C32) (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylenes (mg/kg)	Napthalene (mg/kg)	MTBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)
SB-21	8	12/21/07	<1.0	<1.0		<0.005	<0.005	<0.005	<0.005		<0.05	---	---	---	---
	12		26	5.8	---	0.28	0.048	0.31	0.30	---	<0.05	---	---	---	---
SB-22	8	12/21/07	24	<1.0	---	<0.005	0.070	0.016	0.059	---	<0.05	---	---	---	---
	12		310	150	---	0.17	<0.17	4.1	3.2	---	<1.7	---	---	---	---
	16		9.2	---	---	0.021	0.032	0.0052	0.0083	---	<0.05	---	---	---	---
SB-23	8	5/7/08	<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
	12		310	73	---	1.3	0.31	4.3	0.11	---	<3.0	---	---	---	---
SB-24	8	5/7/08	<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
	12		15	3.4	---	0.011	0.023	0.020	0.044	---	<0.15	---	---	---	---
	16		41	<1.0	---	<0.050	<0.050	0.11	0.11	---	<0.50	---	---	---	---
SB-25	8	5/7/08	<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
	12		48	12	---	0.027	0.079	0.029	0.11	---	<0.50	---	---	---	---
SB-26	8	5/7/08	<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
	12		<1.0	<1.0		<0.005	<0.005	<0.005	<0.005		<0.05	---	---	---	---
SB-27	8	5/7/08	<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
	12		27	4.2	---	<0.005	0.10	<0.005	0.061	---	<0.05	---	---	---	---
	16		4.8	1.5	---	0.0053	0.020	<0.005	0.0074	---	<0.05	---	---	---	---
SB-28	8	5/7/08	<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
	12		19	1.6	---	0.24	0.034	0.031	0.036	---	<0.05	---	---	---	---
SB-29	8	5/7/08	<1.0	<1.0		<0.005	<0.005	<0.005	<0.005		<0.05	---	---	---	---
	12		<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
SB-30	8	5/7/08	<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
	12		<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
SB-31	8	5/7/08	<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
	12		1.9	<1.0	---	<0.005	0.016	<0.005	<0.005	---	<0.05	---	---	---	---
SB-32	2	10/6/16	0.385	2.25 **J**	---	0.000546 **J**	<0.006	<0.001	<0.00351	<0.00620	<0.00117	<0.00117	<0.00585	<0.00117	<0.00117
	10	10/6/16	26.4	14.7	---	0.00214	0.00130 **J**	0.00162	0.00555	0.0921	<0.00117	<0.00117	<0.00585	<0.00117	<0.00117

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Sample ID	Depth (ft)	Date	TPH-g (C5-C12) (mg/kg)	TPH-d (C12-C22) (mg/kg)	TPH-mo (C22-C32) (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylenes (mg/kg)	Napthalene (mg/kg)	MTBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)
Excavation Samples															
Sidewall Samples															
SW1	7.0	3/4/09	<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
	11.5	3/4/09	<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
SW2	8.0	3/4/09	<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
	11.5	3/4/09	24	5.8	---	0.17	<0.005	0.26	0.19	---	<0.05	---	---	---	---
SW3	7.5	3/4/09	180	65	---	0.88	0.28	2.9	4.2	---	<1.0	---	---	---	---
	11.5	3/4/09	<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
SW4	6.0	3/5/09	<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
	11.5	3/5/09	100	21	---	0.49	0.10	1.5	4.2	---	<1.0	---	---	---	---
SW5	6.5	3/5/09	87	16	---	0.23	0.11	0.62	0.49	---	<0.50	---	---	---	---
SW6	6.5	3/5/09	17	<1.0	---	0.02	<0.010	<0.010	0.032	---	<0.10	---	---	---	---
	12	3/11/09	4.9	<1.0	---	0.54	<0.005	0.15	0.16	---	<0.05	---	---	---	---
SW7	6.5	3/5/09	200	210	---	0.2	<0.10	0.49	0.71	---	<1.0	---	---	---	---
	11.5	3/9/09	1,200	310	---	2.3	1.4	18	41	---	<2.5	---	---	---	---
SW8	6.5	3/11/09	12	5.2	---	0.085	0.0084	0.027	0.07	---	<0.05	---	---	---	---
	11.5	3/11/09	12	1.1	---	0.0091	0.0091	0.15	0.19	---	<0.05	---	---	---	---
SW9	6.5	3/11/09	<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
	12	3/11/09	5.0	<1.0	---	0.82	<0.005	0.2	0.2	---	<0.05	---	---	---	---
SW10	6.5	3/11/09	5.6	<1.0	---	0.045	0.0062	0.0089	0.012	---	<0.05	---	---	---	---
Bottom Samples															
B-1	13	3/4/09	<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
B-2	13	3/4/09	<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
B-3	11	3/9/09	38	3.6	---	2.6	<0.050	0.49	0.58	---	<0.50	---	---	---	---
B-4 *	11	3/11/09	130	13	---	0.81	0.12	1.5	2.5	---	<0.50	---	---	---	---

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Sample ID	Depth (ft)	Date	TPH-g (C5-C12) (mg/kg)	TPH-d (C12-C22) (mg/kg)	TPH-mo (C22-C32) (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylenes (mg/kg)	Napthalene (mg/kg)	MTBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)
Well Installation Samples															
MW-1	12	4/1/09	30	1.5	---	0.034	0.26	0.042	0.11	---	<0.05	---	---	---	---
	15	4/1/09	<1.0	<1.0	---	<0.05	<0.05	<0.05	<0.05	---	<1.0	---	---	---	---
MW-2	12	4/1/09	140	21	---	0.81	<0.10	1.9	2.6	---	<1.0	---	---	---	---
	16	4/1/09	2.3	<1.0	---	0.62	<0.005	0.016	0.0091	---	<1.0	---	---	---	---
	19	4/1/09	<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<1.0	---	---	---	---
MW-3	12	4/1/09	27	4.3	---	0.57	0.049	0.69	0.62	---	<1.0	---	---	---	---
	16	4/1/09	<1.0	<1.0	---	0.018	0.0059	0.0061	0.023	---	<0.05	---	---	---	---
MW-4	12	4/1/09	1100	99	---	<1.0	2.9	1.1	1.3	---	<10	---	---	---	---
	16	4/1/09	<1.0	<1.0	---	0.018	0.0059	1.0061	0.023	---	<0.05	---	---	---	---
MW-5	12	5/12/09	61	31	---	0.27	0.12	0.66	0.92	---	<1.0	---	---	---	---
	16	5/12/09	18	1.9	---	0.15	0.0055	0.23	0.33	---	<0.05	---	---	---	---
MW-6	12	4/2/09	23	2.3	---	0.12	0.018	0.15	0.34	---	<0.05	---	---	---	---
	16	4/2/09	270	29	---	<0.25	0.67	0.43	0.81	---	<2.5	---	---	---	---
	19	4/2/09	1.8	5	---	<0.005	<0.005	<0.005	<0.005	---	0.12	---	---	---	---
	25	4/2/09	<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	0.029	---	---	---	---
MW-7	12	5/13/09	13	<1.0	---	0.067	0.03	0.042	0.02	---	<0.05	---	---	---	---
	16		<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
IW-1	10.5	5/12/09	490	86	---	0.19	0.69	6.7	3.5	---	<1.0	---	---	---	---
	15	5/12/09	<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---

TABLE 2
Summary of Soil Analytical Data
Zimmerman Property
3442 Adeline Street
Oakland, CA 94608

Sample ID	Depth (ft)	Date	TPH-g (C5-C12) (mg/kg)	TPH-d (C12-C22) (mg/kg)	TPH-mo (C22-C32) (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylenes (mg/kg)	Napthalene (mg/kg)	MTBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)
Vapor Well Installation Samples															
VB-6	4	10/12/16	<0.120	1.00 **J**	2.25 **J**	<0.0012	<0.00601	<0.0012	<0.00361	<0.00601	<0.0012	<0.0012	<0.00601	<0.0012	<0.0012
	8	10/12/16	<0.122	6.52	2.48 **J**	<0.00122	<0.0061	<0.00122	<0.00366	<0.00601	<0.00122	<0.00122	<0.0061	<0.00122	<0.00122
VB-7	4	10/12/16	<0.115	<4.6	<4.60	<0.00115	<0.00575	<0.00115	<0.00345	<0.00575	<0.00115	<0.00115	<0.00575	<0.00115	<0.00115
	6	10/12/16	0.0623 **B, J**	1.68 **J**	1.79 **J**	0.00272	<0.0058	<0.00116	<0.00348	<0.00580	<0.00116	<0.00116	<0.0058	<0.00116	<0.00116
VB-8	2	10/12/16	<0.116 **J3**	3.49 **J**	<4.62	<0.00116	<0.00578	<0.00116	<0.00347	<0.00578	<0.00116	<0.00116	<0.00578	<0.00116	<0.00116
	8	10/12/16	<0.125	7.16	1.77 **J**	<0.00125	<0.00625	<0.00125	<0.00375	<0.00625	<0.00125	<0.00125	<0.00625	<0.00125	<0.00125
VB-9	2	10/12/16	0.0884 **B, J**	1.15 **J**	<4.65	0.00219	<0.00581	<0.00116	<0.00348	<0.00581	<0.00116	<0.00116	0.0433	<0.00116	<0.00116
	8	10/12/16	4.88	19.8 **J**	60.6	0.0797	0.0235 **J**	0.0359	0.0516 **J**	<0.154	<0.0309	<0.0309	<0.154	<0.0309	<0.0309
VB-10	2	10/12/16	0.0941 **B, J**	3.35 **J**	<4.84	<0.00121	<0.00605	<0.00121	<0.00363	<0.00605	<0.00121	<0.00121	<0.00605	<0.00121	<0.00121
	6	10/12/16	<0.116	4.82	<4.66	<0.00116	<0.00582	<0.00116	<0.00349	<0.00582	<0.00116	<0.00116	<0.00582	<0.00116	<0.00116
VB-11	2	10/12/16	<0.113	1.99 **J**	<4.53	<0.00113	<0.00566	<0.00113	<0.0034	<0.00566	<0.00113	<0.00113	<0.00566	<0.00113	<0.00113
	6	10/12/16	<0.114	1.94 **J**	<4.56	<0.00114	0.00225 **J**	0.000647	0.00309 **J**	<0.00571	<0.00114	<0.00114	<0.00571	<0.00114	<0.00114
VB-12	2	10/6/16	0.475	3.19 **J**	2.79 **J**	0.000908 **J**	<0.00588	<0.00118	<0.00353	<0.00588	<0.00118	<0.00118	0.0536 **J**	<0.00118	<0.00118
	8	10/6/16	214	4.12 **J**	2.37 **J**	0.187	0.00322 **J**	0.496	0.821	0.102	<0.00116	<0.00116	0.0586 **J**	<0.00116	<0.00116
VB-13	4	10/12/16	<0.121	<4.86	<4.86	<0.00121	<0.00607	<0.00121	<0.00364	<0.00607	<0.00121	<0.00121	<0.00607	<0.00121	<0.00121
	8	10/12/16	<0.116	2.02 **J**	4.64	<0.00116	<0.00579	<0.00116	<0.00348	<0.00579	<0.00116	<0.00116	<0.00579	<0.00116	<0.00116
VB-14	2	10/12/16	<0.119	5.28	<4.77	<0.00119	<0.00596	<0.00119	<0.00358	<0.00596	<0.00119	<0.00119	<0.00596	<0.00119	<0.00119
	6	10/12/16	<0.114	4.7	<4.54	<0.00114	<0.00568	<0.00114	<0.00341	<0.00568	<0.00114	<0.00114	<0.00568	<0.00114	<0.00114
VB-15	4	10/12/16	<0.114	3.94 **J**	<4.54	<0.00114	<0.00568	<0.00114	<0.00341	<0.00568	<0.00114	<0.00114	<0.00568	<0.00114	<0.00114
	6	10/12/16	7.88	4.06 **J**	<4.50	<0.00113	<0.00563	<0.00113	<0.00338	<0.00563	<0.00113	<0.00113	0.00497	<0.00113	<0.00113
VB-16	4	10/12/16	0.150 **B**	2.15 **J**	<4.67	<0.00117	<0.00584	<0.00117	<0.0035	<0.00584	<0.00117	<0.00117	<0.00584	<0.00117	<0.00117
	8	10/12/16	0.0745 **B, J**	8.31	1.76 **J**	<0.00108	<0.00542	<0.00108	<0.00325	<0.00542	<0.00108	<0.00108	<0.00542	<0.00108	<0.00108
VB-21	10	6/13/17	140 **S**	6.6	<5.0	<0.050 H	<0.050 H	<0.050 H	<0.050 H	<0.050 H	<0.050 H	<0.050 H	<0.50 H	<0.050 H	<0.050 H
	13	6/13/17	23	1.1	<5.0	<0.020 H	<0.020 H	<0.020 H	<0.020 H	<0.020 H	<0.020 H	<0.020 H	<0.20 H	<0.020 H	<0.020 H

Notes:

---	No Data
DIPE	Di-isopropyl Ether
ETBE	ethyl tert-butyl ether
mg/kg	milligrams per kilogram
MTBE	methyl tert-butyl ether
~~Strikethrough~~	Removed during 2009 Excavation
B	The analyte was present in the method blank
S	Surrogate recovery outside of accepted recovery limits
TAME	tert-amyl methyl ether
TBA	tertiary butyl alcohol
TPH-d	total petroleum hydrocarbons as diesel (C12-C-22)
TPH-g	total petroleum hydrocarbons as gasoline (C5-C12)
B-4 *	Sample mislabeled in field and identified in report as "B-3(B-4-11)"
J	The identification of the analyte is acceptable; the reported value is an estimate
H	Samples were analyzed out of holding time
	Analytical data from the current reporting period

TABLE 3
Summary of Grab Groundwater Analytical Data

Zimmerman Property
3442 Adeline Street
Oakland, CA

Sample ID	Date	TPH-g	TPH-d	Benzene	Toluene	Ethyl-Benzene	Xylenes	MTBE	TAME	ETBE	TBA	DIPE
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Pit Water	02/22/00	7,400	34,000	3,300	930	400	6,200	---	---	---	---	---
S-1	6/23/06	20,000	<10,000	980	70	1,500	1,100	---	---	---	---	---
S-2	6/23/06	31,000	<4,000	7,000	260	920	2,800	---	---	---	---	---
S-3	6/23/06	23,000	<1,500	490	67	1,200	3,300	---	---	---	---	---
S-4	6/23/06	120,000	<40,000	200	<15	3,500	2,900	---	---	---	---	---
SB-1	10/1/2007	28,000	6,100	2,000	77	1,600	4,100	<25	<25	<25	<250	<25
SB-2	10/1/2007	640	300	1.8	2.2	1.1	4.9	<0.5	<0.5	<0.5	<5.0	<0.5
SB-3	10/1/2007	84	<50	2.4	<0.5	4.2	11	<0.5	<0.5	<0.5	<5.0	<0.5
SB-4	10/1/2007	20,000	2,200	6,600	110	390	430	<17	<17	<17	430	<17
SB-5	10/1/2007	22,000	7,400	1,900	86	1,200	2,100	<5.0	<5.0	<5.0	120	<5.0
SB-6	10/1/2007	440	---	17	<0.5	0.99	2.2	2.0	<0.5	<0.5	18	<0.5
SB-7	10/3/2007	2,000	1,000	30	5.1	56	82	6.1	<0.5	<0.5.	<5.0	<0.5
SB-8	10/3/2007	6,700	1,600	110	6.3	160	140	<0.5	<0.5	<0.5	12	<0.5
SB-9	10/3/2007	11,000	5,700	440	14	720	1,000	<1.7	<1.7	<1.7	37	<1.7
SB-10	10/3/2007	17,000	1,700	3,800	55	420	830	<10	<10	<10	510	11

TABLE 3
Summary of Grab Groundwater Analytical Data

Zimmerman Property
3442 Adeline Street
Oakland, CA

Sample ID	Date	TPH-g	TPH-d	Benzene	Toluene	Ethyl-Benzene	Xylenes	MTBE	TAME	ETBE	TBA	DIPE
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
SB-11	10/3/2007	83,000	4,300	10,000	640	2,700	7,900	<25	<25	<25	840	<25
SB-12	12/20/2007	35,000	4,900	5,200	110	1,000	1,800	<450	---	---	---	---
SB-13	12/20/2007	29,000	5,100	5,300	80	1,400	3,900	<250	---	---	---	---
SB-14	12/20/2007	23,000	12,000	2,600	15	1,500	1,800	<240	---	---	---	---
SB-15	12/20/2007	36,000	3,000	7,700	190	1,600	4,700	<350	---	---	---	---
SB-16	12/20/2007	88	480	0.60	<0.5	<0.5	0.83	<5.0	---	---	---	---
SB-17	12/20/2007	1,100	320	<0.5	6.2	<0.5	4.2	<5.0	---	---	---	---
SB-18	12/20/2007	<50	1,800	<0.5	<0.5	<0.5	<0.5	<5.0	---	---	---	---
SB-19	12/20/2007	<50	280	<0.5	<0.5	<0.5	<0.5	<5.0	---	---	---	---
SB-20	12/20/2007	28,000	3,900	3,400	22	1,200	930	<160	---	---	---	---
SB-21	12/21/2007	8,100	1,200	1,600	<5.0	160	84	<50	---	---	---	---
SB-22	12/21/2007	2,600	620	110	0.90	150	55	<10	---	---	---	---
SB-23	5/14/2008	46,000	4,800	9,000	40	2,300	5,200	<450	---	---	---	---
SB-24	5/14/2008	11,000	2,900	80	<5.0	440	290	<50	---	---	---	---
SB-25	5/9/2008	3,600	1,300	42	1.90	65	36	<5.0	---	---	---	---
SB-26	5/14/2008	2,300	770	22	2.1	<1.0	2.4	<10	---	---	---	---

TABLE 3
Summary of Grab Groundwater Analytical Data

Zimmerman Property
3442 Adeline Street
Oakland, CA

Sample ID	Date	TPH-g	TPH-d	Benzene	Toluene	Ethyl-Benzene	Xylenes	MTBE	TAME	ETBE	TBA	DIPE
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
SB-27	5/14/2008	740	180	7.4	3.70	<0.5	1.0	<5.0	---	---	---	---
SB-28	5/16/2008	290	72	1.3	0.93	2.7	4.0	<5.0	---	---	---	---
SB-29	5/16/2008	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	---	---	---	---
SB-30	5/14/2008	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	---	---	---	---
SB-31	5/14/2008	5,100	770	270	6.3	79	7.2	<110	---	---	---	---
VB-4	6/13/2017	2,200	710	17	1.1	4.0	1.7	<5.0	<5.0	<5.0	11	<5.0
VB-5	6/13/2017	5,000	4,400	91	<5.0	93	25	<5.0	<5.0	<5.0	<20	<5.0
VB-17	6/13/2017	4,100	1,400	6.0	<0.50	18	1.4	<0.50	<0.50	<0.50	<2.0	<0.50
VB-18	6/13/2017	160	260	<0.50	<0.50	3.0	0.9	<0.50	<0.50	<0.50	<2.0	<0.50
VB-19	6/13/2017	9,500	2,200	83	<5.0	40	<5.0	<5.0	<5.0	<5.0	<20	<5.0
VB-20	6/13/2017	200	65	5.7	5.6	0.72	1.1	<0.50	<0.50	<0.50	13	<0.50
VB-21	6/13/2017	29,000	24,000	600	<25	150	<25	<25	<25	<25	<100	<25

Notes:

µg/L	micrograms of analyte per liter of sample	TAME	tert-amyl methyl ether	MTBE	methyl tert-butyl ether
DIPE	Di-isopropyl Ether	TBA	tertiary butyl alcohol	---	No Data
ETBE	ethyl tert-butyl ether	TPH-d	total petroleum hydrocarbons as diesel		
	Analytical data from the current reporting period	TPH-g	total petroleum hydrocarbons as gasoline		

TABLE 4
ACDEH Low Threat Closure Policy Checklist
Zimmerman Property
3442 Adeline Street
Oakland, CA

Low Threat Closure Policy General Criteria	Site-Specific Comments	Data Gap / How to Address
General Criteria a: The unauthorized release is located within the service area of a public water system. Required Information: Please identify the local provider for the public water system and confirm that the property has a hook-up and uses the public water system. Identify any other sources of water for the property such as wells, cisterns, or other water capture systems.	The site meets the required criteria as water is currently provided to the Site and surounding area by the East Bay Municipal Utility District (EBMUD).	None.
General Criteria b: The unauthorized release consists only of petroleum. Required Information: Please describe the site history, types of products or chemicals used at the site, and history of any types of releases other than petroleum. Present the sampling results for all chemicals other than petroleum such as volatile organic compounds, metals, semi-volatile organic compounds, PCBs, phenol, 1,4-dioxane, dibenzofurans, or dioxins.	The only known source is a former UST that reportedly contained gasoline. Investigation efforts have focused petroleum hydrocarbons. No information to suggest that other chemicals were released from the UST has not been identified.	None.
General Criteria c: The unauthorized ("primary") release from the UST system has been stopped. Required Information: Please describe the history of releases and the actions that were taken to stop each release. Please evaluate and account for changing contaminant concentrations over the full time period of site investigations.	The primary release from the UST system was stopped with the removal of the UST from the subsurface.	None.
General Criteria d: Free product has been removed to the maximum extent practicable. Required Information: Please describe the investigation and monitoring activities that have been undertaken to assess whether free product is present. Present data including tables and figures showing any observations and measurements of free product. Describe the corrective actions that were taken to remove free product, dates of the removal actions, and volume removed. If free product remains at the site, present an evaluation of whether free product removal is practicable. If free product removal is not practicable, fully describe the conditions that prevent free product removal.	No measurable free product or light non-aqueous phase liquid (LNAPL) has been identified in the monitoring well network, however, aqueouse phase concentrations of TPH-g and benzene are indicative of the presence of residual free phase concentrations which may need to be addressed in order to meet LTCP closure criteria.	Remedial action or Implemenation of administrative and/or engineered controls

ACDEH Low Threat Closure Policy Checklist

Zimmerman Property
3442 Adeline Street
Oakland, CA

Low Threat Closure Policy General Criteria	Site-Specific Comments	Data Gap / How to Address
General Criteria e: A conceptual site model has been developed. Required Information: Please present your complete conceptual site model (CSM) that includes a site history, receptor survey, description of releases, geologic and hydrogeologic assessment, identified stratigraphic and manmade migration pathways, identified controls on contaminant migration, delineation of the lateral and vertical extent of contamination in all affected media, assessment of vapor intrusion pathways, groundwater monitoring and evaluation of plume stability, and description of the type and effectiveness of corrective actions. The CSM must be complete and thorough enough to evaluate whether site characterization is complete and identify any remaining data gaps.	The conceptual site model has for the Site has been prepared and included in the accompanying document. Data gaps to the completeness of the CSM are documented in Section 2.6	Temporal soil vapor data; Extents of soil vapor investigation; Extents of Monitoring Well Network;
General Criteria f: Secondary source removal has been addressed. The secondary source is the petroleum-impacted soil, free product, or groundwater that acts as a long-term source releasing contamination to the surrounding area. Unless site conditions prevent secondary source removal (e.g. physical or infrastructural constraints exist whose removal or relocation would be technically or economically infeasible), petroleum-release sites are required to undergo secondary source removal to the extent practicable. Required Information: Please present the history of corrective actions for the site including the types of cleanup actions taken, dates of the actions, mass removed, figures depicting the location of the removal action, and confirmation sampling results which demonstrate the effectiveness of secondary source removal, as well as a brief narrative description of the actions and areas of success or infeasibility of actions. For any in-situ corrective actions, long-term monitoring data must be presented that demonstrate that concentrations have not rebounded following the cessation of corrective action.	The interim remedial excavation performed removed approximately 1,098.21 tons of petroleum hydrocarbon-impacted soils that were accessible. Available soil and groundwater analytical data indicated that the soil secondary source has been removed to the extent practical and necessary, however, residual free phase petroleum remains within the smear zone at the Site. This free phase petroleum is likely contributing to the elevated levels of TPH-g and benzene in groundwater and soil vapor and will need to be addressed before the Site meets LTCP closure criteria.	Address residual free phase petroluem within the smear zone.
General Criteria g: Soil or groundwater has been tested for MTBE and results reported in accordance with Health and Safety Code section 25296.15. Required Information: Please present sufficient data to assess whether MTBE is or was present in soil and groundwater at the site.	MBTE has not been detected in any of the grab groundwater samples, but has been historically detected in soil samples at relatively low levels and in one groundwater sample (MW-7) at 31 ug/L.	None.

ACDEH Low Threat Closure Policy Checklist

Zimmerman Property
3442 Adeline Street
Oakland, CA

Low Threat Closure Policy General Criteria	Site-Specific Comments	Data Gap / How to Address
General Criteria h: Nuisance as defined by Water Code section 13050 does not exist at the site.	As presented in the conceptual site model, there are no residual petroelum hydrocarbon concentrations that may pose a nuisance condition.	None.
Required Information: Please present sufficient data to support your evaluation of whether a nuisance condition currently exists or potentially could exist in the future. This evaluation should describe whether any site contamination is present in locations that have the potential to pose nuisance conditions during common or reasonably expected site activities. This data should be incorporated into the CSM. These locations would include but not necessarily be limited to surface soils, near surface soils, utility corridors, and basements or other subsurface structures. The types of data presented should include descriptions of the type and vertical and lateral extent of shallow soil or lateral extent of surface soil contamination, depths to contamination, analytical results for surface soil, shallow soil, and groundwater samples, discussion of any odors or visual evidence of contamination, preferential pathway and utility conduit surveys, review of potential points for exposure (such as groundwater seeps into basements), current use of the site, expected future use of site, and description of surface water runoff from the property to storm drains or other sites.		

ACDEH Low Threat Closure Policy Checklist

Zimmerman Property
3442 Adeline Street
Oakland, CA

Low Threat Closure Policy General Criteria	Site-Specific Comments	Data Gap / How to Address
Media-Specific Criteria 1. Groundwater: If groundwater with a designated beneficial use is affected by an unauthorized release, to satisfy the media-specific criteria for groundwater, the contaminant plume that exceeds water quality objectives must be stable or decreasing in areal extent, and meet all of the additional characteristics of one of the five classes of sites listed in the Policy. A plume that is "stable or decreasing" is a contaminant mass that has expanded to its maximum extent: the distance from the release where attenuation exceeds migration. Required Information: In general, the Low-Threat Groundwater Classes are classified on stable or decreasing plumes, status of free product removal, distance to the nearest groundwater or surface water receptor from the plume boundary, and other factors that may be required to demonstrate a low-threat. Sufficient data must be presented to demonstrate that site characterization activities have defined the horizontal and vertical extent of the plume and that the plume is stable. Plume stability must be demonstrated using a valid technical analysis that considers the accuracy of data from the wells, well placement within the plume, changes in areal extent of the plume, and valid concentration trends within the plume. Factors such as seasonal variability, water level changes, sampling methods, well construction, and other factors that can affect data quality must be considered. Plotting of decreasing concentrations using data from a single well is not likely to be sufficient. A recent well survey that uses all available well from both the Department of Water Resources and local agencies (Zone 7 Water Agency or Alameda County Public Works as appropriate) is required. Water supply wells located within 2,000 feet of the site are to be presented on a site figure with a table identifying each well along with the well construction details. Following completion of a complete CSM and consideration of the above factors, please present your evaluation of whether your site fits within one of the five classes in the Policy.	As described in Section 3.2.1, based upon the conceptual site model the most appropriate media specific criteria for groundwater at the Site would be Class 3: <u>Groundwater Specific Criteria #3</u> a) The contaminant plume that exceeds water quality objectives is less than 250 feet in length b) Free product has been removed to the maximum extent practicable, may still be present below the site where the release originated, but does not extend off-site c) The plume has been stable or decreasing for a minimum of five years. d) The nearest existing water supply well or surface water body is greater than 1,000 feet from the defined plume boundary e) The property owner is willing to accept a land use restriction if the regulatory agency requires a land use restriction as a condition of closure	Temporal Groundwater Data

ACDEH Low Threat Closure Policy Checklist

Zimmerman Property
3442 Adeline Street
Oakland, CA

Low Threat Closure Policy General Criteria	Site-Specific Comments	Data Gap / How to Address
Media-Specific Criteria 2. Petroleum Vapor Intrusion to Indoor Air: The low-threat vapor-intrusion criteria in the Policy apply to release sites and impacted or potentially impacted adjacent parcels when: (1) existing buildings are occupied or may be reasonably expected to be occupied in the future, or (2) buildings for human occupancy are reasonably expected to be constructed in the near future. Required Information: Sufficient data must be presented to demonstrate that site characterization is complete and that the data demonstrate that the site-specific conditions satisfy all the assumptions, characteristics, and screening criteria of scenarios 1 through 3 or all of the characteristics and screening criteria of scenario 4 of the Policy. Input to the scenarios include any evidence of LNAPL, soil data and where applicable, soil gas data to demonstrate that a continuous bioattenuation zone is or is not present, concentrations of benzene in groundwater, and direct measurements of soil gas concentrations. Results from preferential pathway and utility conduit surveys are to be presented and evaluated to determine whether a continuous bioattenuation zone is present. Please present site data using figures, tables, and text in a complete CSM that evaluates site data relative to the conditions defined by the vapor intrusion scenarios in the Policy. Such factors as data representativeness, quality, spatial distribution relative to current or potential receptors and sources, and temporal variability must be considered in the evaluation. Following completion of a comprehensive CSM and consideration of the above factors, please present your evaluation of whether your site fits within one of the vapor intrusion scenarios in the Policy or site-specific risk assessment for the vapor intrusion pathway demonstrates that human health is protected. Although satisfaction of media-specific criteria is not required for active commercial fueling facilities except in cases where release characteristics can be reasonably believed to pose an unacceptable health risk, the above evaluation is required to assess whether nearby facilities	As discussed in Section 3.2.2, soil vapor analytical data, including metabolic gas data, was collected from ten soil vapor probes during the October 2016 data gap investigation. These data indicate that the portions of the Site in which sufficient oxygen is present to consititue the presence of a bioattenuation zone meet LTCP closure requirements, however, oxygen content at three locations (VB-9, VB-10, and VB-15) was inadequate to satisfy the requirements of the bioattenuation zone. These locations do no meet the requirements of the LTCP when evaluating this locates against the criteria for soil vapor without the presence of a bioattenuation zone. Furthermore, as identified previously, the extents of the current soil vapor probe network need to be expanded to address data gaps related defining the extents of the soil vapor contamination.	Soil vapor within three locations does not meet the closure criteria of the LTCP; Additional soil vapor sampling is needed to address data gaps related to temporal variability and to better define the extents of the benzene and TPH-g soil vapor plumes that exceed screening levels.

ACDEH Low Threat Closure Policy Checklist

Zimmerman Property
3442 Adeline Street
Oakland, CA

Low Threat Closure Policy General Criteria	Site-Specific Comments	Data Gap / How to Address
Media-Specific Criteria 3. Direct Contact and Outdoor Air Exposure. Release sites where human exposure may occur satisfy the media-specific criteria for direct contact and outdoor air exposure and shall be considered low-threat if they meet any of the following: a. Maximum concentrations of petroleum constituents in soil are less than or equal to those listed in Table 1 for the specified depth below ground surface (bgs). The concentration limits for 0 to 5 feet bgs protect from ingestion of soil, dermal contact with soil, inhalation of volatile soil emissions and inhalation of particulate emissions, and the 5 to 10 feet bgs concentration limits protect from inhalation of volatile soil emissions. Both the 0 to 5 feet bgs concentration limits and the 5 to 10 feet bgs concentration limits for the appropriate site classification (Residential or Commercial/Industrial) shall be satisfied. In addition, if exposure to construction workers or utility trench workers are reasonably anticipated, the concentration limits for Utility Worker shall also be satisfied; or b. Maximum concentrations of petroleum constituents in soil are less than levels that a site specific risk assessment demonstrates will have no significant risk of adversely affecting human health; or c. As a result of controlling exposure through the use of mitigation measures or through the use of institutional or engineering controls, the regulatory agency determines that the concentrations of petroleum constituents in soil will have no significant risk of adversely affecting human health.	There is no current direct exposure route to shallows soils at the Site other than by a potential future construction worker. There is little evidence that shallow soil remains impacted by residual petroleum hydrocarbons since the former UST has been removed and the interim remedial excavation was performed.	None.
Required Information: Sufficient data must be presented to demonstrate that site characterization is complete for the prescribed depth ranges of 0 to 5 feet and 5 to 10 feet bgs in order to assess potential direct contact and outdoor air exposure. Please present figures and tables showing the soil data for each of the prescribed depth ranges with a comparison to the screening levels for each exposure scenario. Analytical data for all chemicals of concern including total petroleum hydrocarbons are to be presented in order to assess whether unique conditions not considered in the Policy may exist at the site. For all data, such factors as data representativeness, quality, spatial distribution relative to current or potential receptors and sources, and temporal variability must be considered in the evaluation. In addition, please describe the current and expected future land use, redevelopment, or construction for the site.		

TABLE 5
Groundwater Elevation Data
Zimmerman Property
3442 Adeline Street
Oakland, CA

Well ID (Screen Interval)	Date Collected	Top of Casing Elevation (ft)	Depth to Water (ft)	Groundwater Elevation (ft)
MW-1 (7-17)	06/10/09	31.12	7.01	24.11
	08/27/09	31.12	6.96	24.16
	12/15/09	31.12	5.96	25.16
	03/12/10	31.12	5.06	26.06
	10/21/10	31.12	7.00	24.12
	05/05/11	31.12	5.88	25.24
	04/25/12	31.12	5.33	25.79
	12/12/12	31.12	5.35	25.77
	04/04/13	31.12	6.63	24.49
	04/30/14	31.12	5.42	25.70
	01/12/16	31.12	6.07	25.05
	07/22/16	31.12	8.85	22.27
	01/25/17	31.12	4.16	26.96
	06/13/17	31.12	6.37	24.75
	01/17/18	31.12	5.97	25.15
	07/03/18	31.12	7.30	23.82
MW-2 (7-17)	06/10/09	31.19	9.50	21.69
	08/27/09	31.19	10.50	20.69
	12/15/09	31.19	8.68	22.51
	03/12/10	31.19	5.09	26.10
	10/21/10	31.19	7.51	23.68
	05/05/11	31.19	6.68	24.51
	04/25/12	31.19	5.58	25.61
	12/12/12	31.19	6.47	24.72
	04/04/13	31.19	7.56	23.63
	04/30/14	31.19	6.62	24.57
	01/13/16	31.19	7.06	24.13
	07/22/16	31.19	9.94	21.25
	01/25/17	31.19	4.27	26.92
	06/13/17	31.19	8.22	22.97
	01/17/18	31.19	7.27	23.92
	07/03/18	31.19	8.64	22.55
MW-3 (7-17)	06/10/09	32.07	8.44	23.63
	08/27/09	32.07	8.59	23.48
	12/15/09	32.07	7.66	24.41
	03/12/10	Well inaccessible		
	10/21/10	Well inaccessible		
	07/22/16	32.07	9.98	22.09
	01/25/17	32.07	4.79	27.28
	06/13/17	32.07	7.74	24.33
	01/17/18	32.07	7.73	24.34
	07/03/18	32.07	9.14	22.93

TABLE 5
Groundwater Elevation Data
Zimmerman Property
3442 Adeline Street
Oakland, CA

Well ID (Screen Interval)	Date Collected	Top of Casing Elevation (ft)	Depth to Water (ft)	Groundwater Elevation (ft)
MW-4 (7-17)	06/10/09	31.68	9.45	22.23
	08/27/09	31.68	10.29	21.39
	12/15/09	31.68	8.19	23.49
	03/12/10	31.68	5.45	26.23
	10/21/10	31.68	9.93	21.75
	05/05/11	31.68	6.60	25.08
	04/25/12	31.68	5.73	25.95
	12/12/12	31.68	6.21	25.47
	04/04/13	31.68	7.88	23.80
	04/30/14	31.68	6.92	24.76
	01/13/16	31.68	6.34	25.34
	07/22/16	31.68	10.50	21.18
	01/25/17	31.68	4.01	27.67
	06/13/17	31.68	7.94	23.74
	01/17/18	31.68	7.98	23.70
	07/03/18	31.68	9.73	21.95
MW-5 (7-17)	06/10/09	30.39	9.13	21.26
	08/27/09	30.39	9.54	20.85
	12/15/09	30.39	8.33	22.06
	03/12/10	Well inaccessible		
	10/21/10	30.39	6.85	23.54
	05/05/11	30.39	3.25	27.14
	04/25/12	30.39	4.50	25.89
	12/12/12	30.39	5.43	24.96
	04/04/13	30.39	7.25	23.14
	04/30/14	Well inaccessible		
	01/12/16	30.39	5.65	24.74
	07/21/16	30.39	9.75	20.64
	01/25/17	30.39	3.08	27.31
	06/13/17	30.39	7.30	23.09
	01/17/18	30.39	8.87	21.52
	07/03/18	30.39	8.79	21.60
MW-6 (7-17)	06/10/09	29.34	9.98	19.36
	08/27/09	29.34	11.84	17.50
	12/15/09	29.34	8.33	21.01
	03/12/10	29.34	4.66	24.68
	10/21/10	29.34	10.00	19.34
	05/05/11	29.34	5.59	23.75
	04/25/12	29.34	4.82	24.52
	12/20/12	29.34	5.23	24.11
	04/04/13	29.34	7.37	21.97
	04/30/14	29.34	5.89	23.45

TABLE 5
Groundwater Elevation Data
Zimmerman Property
3442 Adeline Street
Oakland, CA

Well ID (Screen Interval)	Date Collected	Top of Casing Elevation (ft)	Depth to Water (ft)	Groundwater Elevation (ft)
MW-6 (continued)	01/12/16	29.34	5.67	23.67
	07/21/16	29.34	10.4	18.94
	01/25/17	29.34	3.59	25.75
	06/13/17	29.34	7.42	21.92
	01/17/18	29.34	7.89	21.45
	07/03/18	29.34	9.24	20.10
MW-7 (7-17)	06/10/09	31.04	6.53	24.51
	08/27/09	31.04	6.19	24.85
	12/15/09	31.04	5.71	25.33
	03/12/10	31.04	5.34	25.70
	10/21/10	31.04	6.59	24.45
	05/05/11	31.04	5.98	25.06
	04/25/12	31.04	5.71	25.33
	12/20/12	Well inaccessible		
	04/04/13	31.04	6.18	24.86
	04/30/14	31.04	6.29	24.75
	01/12/16	31.04	5.61	25.43
	07/21/16	31.04	7.36	23.68
	01/25/17	31.04	4.61	26.43
	06/13/17	31.04	6.00	25.04
	01/17/18	31.04	6.40	24.64
	07/03/18	31.04	6.65	24.39
IW-1 (13-15)	06/10/09	31.66	7.65	24.01
	08/27/09	31.66	7.70	23.96
	12/15/09	31.66	10.99	20.67
	03/12/10	31.66	6.00	25.66
	10/21/10	31.66	9.35	22.31
	05/05/11	31.66	6.73	24.93
	04/25/12	31.66	8.05	23.61
	12/20/12	31.66	12.88	18.78
	04/04/13	31.66	12.81	18.85
	04/30/14	31.66	6.01	25.65
	01/12/16	31.66	6.33	25.33
	07/21/16	31.66	8.31	23.35
	01/25/17	31.66	5.48	26.18
	06/13/17	31.66	6.31	25.35
	01/17/18	31.66	8.02	23.64
	07/03/18	31.66	7.83	23.83

TABLE 5
Groundwater Elevation Data

Zimmerman Property
3442 Adeline Street
Oakland, CA

Well ID (Screen Interval)	**Date Collected**	**Top of Casing Elevation** (ft)	**Depth to Water** (ft)	**Groundwater Elevation** (ft)
BF-1	07/21/16	31.87	8.40	23.47
	01/25/17	31.87	4.56	27.31
	06/13/17	31.87	6.82	25.05
	01/17/18	31.87	6.67	25.20
	07/03/18	31.87	7.92	23.95
BF-5	07/21/16	32.28	8.95	23.33
	01/25/17	32.28	5.12	27.16
	06/13/17	32.28	7.35	24.93
	01/17/18	32.28	7.12	25.16
	07/03/18	32.28	8.50	23.78

Notes:

Data from current reporting period
Elevations provided in feet above North American Vertical Datum 1988

TABLE 6
Summary of Groundwater Elevation and Flow

Zimmerman Property
3442 Adeline Street
Oakland, CA

Date	Average Water Table Elevation (ft)	Change from Previous Episode (ft)	Flow Direction (gradient) (ft/ft)
6/10/2009	22.40	----	West (0.019)
8/27/2009	21.85	-0.55	West (0.019)
12/15/2009	23.42	1.58	West (0.018)
3/12/2010	25.75	2.33	West (0.004)
10/21/2010	22.81	-2.94	North Northwest (0.041)
5/5/2011	25.13	2.32	West (0.01)
4/25/2012	25.52	0.38	West (0.01)
12/20/2012	25.01	-0.51	West (0.01)
4/4/2013	23.41	-1.60	West (0.01)
4/30/2014	24.62	1.21	West (0.01)
1/12-13/2016	24.55	-0.07	West (0.01)
7/21-22/2016	20.91	-3.64	West (0.01)
1/12 & 1/25/2017	26.98	6.07	West (0.01)
6/13/2017	23.98	-3.00	West (0.01)
1/17/2018	23.90	-0.08	Southwest (0.027)
7/3/2018	22.79	-1.11	

Notes:
Data from current reporting period
Elevations provided in reference to North American Vertical Datum 1988

TABLE 7
Summary of Groundwater Monitoring Well Analytical Data
Zimmerman Property
3442 Adeline Street
Oakland, CA

Sample ID	Date	Depth to Water	TPH-g	TPH-d	Benzene	Toluene	Ethyl-benzene	Xylenes	MTBE
		(ft)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
MW-1	04/17/09	7.01	220	97	10	<0.5	3.0	5.4	<5.0
	08/27/09	6.96	7,000	----	610	10	320	220	<180
	09/17/09	----	92	----	0.91	0.70	<0.5	<0.5	<15
	12/15/09	5.96	2500	----	170	6.4	66	120	<50
	03/12/10	5.06	500	----	4.0	1.1	0.6	0.7	<5.0
	10/21/10	7.00	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	05/05/11	5.88	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	04/25/12	5.33	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	12/20/12	5.35	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	04/04/13	6.63	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	04/30/14	5.42	83	----	<0.5	0.53	<0.5	<0.5	<5.0
	01/12/16	6.07	<50	----	<0.5	<0.5	<0.5	<1.5	<5.0
	07/22/16	8.85	<50	----	<0.5/0.5	<0.5	<0.5	<1.5	<5.0
	01/25/17	4.16	<50	----	<0.5/<0.5	<0.5/<0.5	<0.5/<0.5	<1.5/<0.5	<5.0/<0.5
	06/13/17	6.37	<50	----	<0.50/<0.50	<0.50/<0.50	<0.50/<0.50	<1.5/<0.50	<5.0/<0.50
	01/17/18	5.97	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	07/03/18	7.30	37.6 J	130	3.6	<1.0	<1.0	<3.0	<1.0
MW-2	04/17/09	9.50	7,000	2,200	850	19	93	470	<100
	08/27/09	10.50	26,000	----	3,600	<25	1,200	3,000	<1,200
	12/15/09	8.68	25,000	----	2,900	70	1,500	2,400	<250
	03/12/10	5.69	7,300	----	590	7.0	6.4	680	<350
	10/21/10	7.51	1,900	----	140	1.4	28	140	<15
	05/05/11	6.68	27,000	----	2,300	13	1,700	2,600	<180
	04/25/12	5.58	9,600	----	440	8.8	260	920	<120
	12/20/12	6.47	2,900	----	63	2.6	21	85	<35
	04/04/13	7.56	7,900	----	960	10	380	690	<150
	04/30/14	6.62	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	01/13/16	7.06	330	----	97	<0.5	2.5	14	<5.0
	07/22/16	9.94	<50	----	1.9/2.0	<0.5	<0.5	<1.5	<5.0
	01/25/17	4.27	<50	----	1.4/1.1	<0.5/<0.5	0.56/<0.5	1.6/1.1	<5.0/<0.5
	06/13/17	8.22	<50	----	<0.50/<0.50	<0.50/<0.50	<0.50/<0.50	<1.5/<0.50	<5.0/<0.50
	01/17/18	7.27	<50	<50	0.68	<0.50	<0.50	<0.50	<0.50
	07/03/18	8.64	2,520	482	725	0.612 J	83.2	37.2	<1.0
MW-3	04/17/09	8.44	10,000	2,200	930	5.6	270	920	<110
	08/27/09	8.59	17,000	----	3,800	38	730	710	<250
	09/17/09	----	260	----	1.8	1.0	<0.5	2.1	<15
	10/14/09	----	1,800	----	220	13	37	130	<30
	12/15/09	7.66	4,900	----	890	13	160	130	<50
	03/12/10	Well inaccessible							
	10/21/10	Well inaccessible							
	07/22/16	9.98	16,000	----	4,800/5,100	28	52	42	<150
	01/25/17	4.79	7,300	----	1,900/1,500	17/<25	99/80	59/37	<200/<25
	06/13/17	7.74	11,000	----	2,300/2,200	<25/<50	110/96	<75/<50	<250/<50
	01/17/18	7.73	10,000	1,400	310	<10	<10	<10	<10
	07/03/18	9.14	7,260	1,210	1,190	11.8	22.4	20.2	<1.0

TABLE 7
Summary of Groundwater Monitoring Well Analytical Data
Zimmerman Property
3442 Adeline Street
Oakland, CA

Sample ID	Date	Depth to Water	TPH-g	TPH-d	Benzene	Toluene	Ethyl-benzene	Xylenes	MTBE
		(ft)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
MW-4	04/17/09	9.45	4,700	1,200	140	2.0	28	18	<30
	08/27/09	10.29	4,300	----	75	11	8.6	3.4	<25
	12/15/09	8.19	3,000	----	64	11	5.6	3.3	<15
	03/12/10	5.45	6,100	----	1,200	14	170	6.2	<35
	10/21/10	9.93	1,900	----	120	4.7	5.7	1.8	<15
	05/05/11	6.60	4,900	----	560	2.6	41	17	<25
	04/25/12	5.73	330	----	23	1.4	2.0	4.2	<5.0
	12/20/12	6.21	150	----	5.8	<0.5	<0.5	<0.5	<5.0
	04/04/13	7.88	1,000	----	30	4.6	0.61	0.65	<5.0
	04/30/14	6.92	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	01/13/16	6.34	<50	----	<0.5	<0.5	<0.5	<1.5	<5.0
	07/22/16	10.50	<50	----	<0.5/0.5	<0.5	<0.5	<1.5	<5.0
	01/25/17	4.01	<50	----	<0.5/<0.5	<0.5/<0.5	<0.5/<0.5	<1.5/<0.5	<5.0/<0.5
	06/13/17	7.94	<50	----	<0.50/<0.50	<0.50/<0.50	<0.50/<0.50	<1.5/<0.50	<5.0/<0.50
	01/17/18	7.98	<50	<50	1.2	<0.50	<0.50	<0.50	<0.50
	07/03/18	9.73	71.2 J	62 J	<1.0	<1.0	<1.0	<3.0	<1.0
MW-5	05/22/09	9.13	14,000	2,800	3,000	12	340	420	<100
	08/27/09	9.54	25,000	----	3,300	36	110	160	<400
	12/15/09	8.33	8,200	----	1,200	6.9	300	610	<250
	03/12/10	Well inaccessible							
	10/21/10	6.85	<50	----	1.3	<0.5	<0.5	<0.5	<5.0
	05/05/11	3.25	790	----	140	1.0	29	30	<20
	04/25/12	4.51	67	----	3.4	<0.5	1.4	0.83	<5.0
	12/20/12	5.43	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	04/04/13	7.25	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	04/30/14	Well inaccessible			----	----	----	----	----
	01/12/16	5.65	110	----	2.7	<0.5	<0.5	<1.5	<5.0
	07/21/16	9.75	<50	----	<0.5/0.5	<0.5	<0.5	<1.5	<5.0
	01/25/17	3.08	<50	----	<0.5/<0.5	<0.5/<0.5	<0.5/<0.5	<1.5/<0.5	<5.0/<0.5
	06/13/17	7.36	<50	----	<0.50/<0.50	<0.50/<0.50	<0.50/<0.50	<1.5/<0.50	<5.0/<0.50
	01/17/18	8.87	650	67	160	<2.5	<2.5	<2.5	<2.5
	07/03/18	8.79	667	514	96	<1.0	1.5	<3.0	<1.0
MW-6	04/17/09	9.98	5,600	1,000	210	3.0	180	160	<300
	08/27/09	11.84	2,200	----	98	7.9	20	1.1	<120
	12/15/09	8.59	4,700	----	370	6.9	260	300	<250
	03/12/10	4.66	9,300	----	210	12	250	110	<90
	10/21/10	10.00	380	----	35	1.2	4.6	3.8	<5.0
	05/05/11	5.59	7,000	----	80	2.9	120	28	<75
	04/25/12	4.82	7,400	----	99	11.0	100	27	<150
	12/20/12	5.23	5,500	----	81	3.1	78	16	<50
	04/04/13	7.37	5,300	----	76	5.7	50	12	<70
	04/30/14	5.89	670	----	12	2.4	2.3	0.77	<5.0
	01/12/16	5.67	63	----	1.8	<0.5	<0.5	<1.5	<5.0
	07/21/16	10.40	<50	----	<0.5/0.5	<0.5	<0.5	<1.5	<5.0
	01/25/17	3.59	<50	----	<0.5/<0.5	<0.5/<0.5	<0.5/<0.5	<1.5/<0.5	<5.0/<0.5
	06/13/17	7.42	330	----	1.4/0.87	<0.50/<0.50	2.3/2.2	<1.5/<0.50	<5.0/<0.50
	01/17/18	7.89	1,700	280	15	0.88	3.5	1.1	<0.50
	07/03/18	9.24	3,240	275	40	1.52	13.8	2.75 J	<1.0

TABLE 7
Summary of Groundwater Monitoring Well Analytical Data
Zimmerman Property
3442 Adeline Street
Oakland, CA

Sample ID	Date	Depth to Water	TPH-g	TPH-d	Benzene	Toluene	Ethyl-benzene	Xylenes	MTBE
		(ft)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
MW-7	04/17/09	6.53	12,000	3,700	1,000	37	100	36	<120
	08/27/09	6.19	12,000	----	550	30	130	33	<100
	12/15/09	5.71	9,600	----	620	26	140	20	<100
	03/12/10	5.34	10,000	----	850	33	87	28	<25
	10/21/10	6.59	7,900	----	1,100	22	44	21	<180
	05/05/11	5.98	9,300	----	690	23	42	21	<200
	04/25/12	5.71	8,600	----	1,000	31	10	20	<75
	12/20/12	Well inaccessible							
	04/04/13	6.18	12,000	----	2,800	51	96	37	<210
	04/30/14	6.29	220	----	39	0.75	0.53	<0.5	<5.0
	01/12/16	5.61	1,800	----	400	6.8	9.7	7.6	31
	07/21/16	7.36	6,700	----	1,400/1,400	29	36	28	<400
	01/25/17	4.61	3,200	----	190/140	8.0/5.1	7.2/7.0	11/6.7	<150/<5.0
	06/13/17	6.00	10,000	----	1,900/1,800	46/<25	180/120	85/52	<250/<25
	01/17/18	6.40	10,000	1,400	870	<25	<25	<25	<25
	07/03/18	6.65	11,600	942	1,590	34	23.8	47	<1.0
IW-1	05/22/09	7.65	1,200	680	58	2.7	2.3	18	<15
	08/27/09	7.70	160	----	4.1	0.5	0.8	1.6	<5.0
	09/17/09	----	300	----	8.0	1.5	1.4	0.85	<5.0
	12/15/09	10.99	220	----	5.4	1.4	0.65	0.7	<5.0
	03/12/10	6.00	<50	----	1.9	<0.5	<0.5	<0.5	<5.0
	10/21/10	9.35	<50	**----**	<0.5	<0.5	<0.5	<0.5	<5.0
	05/05/11	6.73	<50	**----**	<0.5	<0.5	<0.5	<0.5	<5.0
	04/25/12	8.05	<50	**----**	0.91	<0.5	<0.5	0.57	<5.0
	12/20/12	12.88	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	04/04/13	12.81	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	04/30/14	6.01	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	01/12/16	6.33	<50	----	<0.5	<0.5	<0.5	<1.5	<5.0
	07/21/16	6.33	<50	----	<0.5/0.5	<0.5	<0.5	<1.5	<5.0
	01/25/17	5.48	<50	----	<0.5/<0.5	<0.5/<0.5	<0.5/<0.5	<1.5/<0.5	<5.0/<0.5
	06/13/17	6.31	<50	----	<0.50/<0.50	<0.50/<0.50	<0.50/<0.50	<1.5/<0.50	<5.0/<0.50
	01/17/18	8.02	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	07/03/18	7.83	67.3 J	143	<1.0	<1.0	<1.0	<3.0	<1.0
BF-1	03/27/09	----	19,000	----	890	27	460	1,200	<250
	06/17/09	----	6,700	----	840	19	170	150	<150
	08/10/09	----	11,000	----	710	14	440	290	<120
	08/27/09	----	9,600	----	590	14	350	220	<90
	09/13/09	----	<50	----	1.2	<0.5	<0.5	<0.5	<5.0
	10/14/09	----	2,400	----	83	1.9	5.0	120	<10
	12/11/09	6.70	200	----	12	<0.5	2.2	9.6	<5.0
	03/12/10	5.61	<50	----	2.9	<0.5	<0.5	<0.5	<0.5
	10/21/10	7.95	560	----	68	1.5	6.7	25	<5.0
	05/05/11	6.25	<50	----	0.65	<0.5	<0.5	<0.5	<5.0
	04/25/12	5.85	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	12/20/12	5.82	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	04/04/13	6.78	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	04/30/14	5.36	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	01/12/16	6.58	<50	----	<0.5	<0.5	<0.5	<1.5	<5.0
	07/22/16	8.40	<50	----	<0.5/0.5	<0.5	<0.5	<1.5	<5.0
	01/25/17	4.56	<50	----	<0.5/<0.5	<0.5/<0.5	<0.5/<0.5	<1.5/<0.5	<5.0/<0.5
	06/13/17	6.82	<50	----	<0.50/<0.50	<0.50/<0.50	<0.50/<0.50	<1.5/<0.50	<5.0/<0.50
	01/17/18	6.67	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	07/03/18	7.92	74.7 J	66.5 J	<1.0	<1.0	<1.0	<3.0	<1.0

TABLE 7
Summary of Groundwater Monitoring Well Analytical Data
Zimmerman Property
3442 Adeline Street
Oakland, CA

Sample ID	Date	Depth to Water	TPH-g	TPH-d	Benzene	Toluene	Ethyl-benzene	Xylenes	MTBE
		(ft)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
BF-5	08/27/09	----	170	----	32	0.55	4.2	220	<25
	10/14/09	----	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	12/11/09	7.25	130	**----**	40	<0.5	0.91	<0.5	<5.0
	03/12/10	6.09	<50	**----**	4.3	<0.5	0.91	<0.5	<5.0
	10/21/10	8.62	80	**----**	8.8	<0.5	1.4	4.5	<5.0
	05/05/11	6.75	<50	**----**	<0.5	<0.5	<0.5	<0.5	<5.0
	04/25/12	6.37	<50	**----**	<0.5	<0.5	<0.5	<0.5	<5.0
	12/20/12	6.33	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	04/04/13	7.25	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	04/30/14	5.83	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	01/12/16	7.09	<50	----	<0.5	<0.5	<0.5	<1.5	<5.0
	07/22/16	8.95	<50	----	<0.5/0.5	<0.5	<0.5	<1.5	<5.0
	01/25/17	5.12	<50	----	<0.5/<0.5	<0.5/<0.5	<0.5/<0.5	<1.5/<0.5	<5.0/<0.5
	06/13/17	7.35	<50	----	<0.50/<0.50	<0.50/<0.50	<0.50/<0.50	<1.5/<0.50	<5.0/<0.50
	01/17/18	7.12	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50
	07/03/18	8.50	<100	67.1 J	<1.0	<1.0	<1.0	<3.0	<1.0

Notes:

µg/L	micrograms of analyte per liter of sample	190 / 140	Sample analyzed by US EPA Methods 8021 and 8260B
	Data from current reporting period	J	The reported value is an estimated value.
MTBE	methyl tert-butyl ether		
TPH-d	total petroleum hydrocarbons as diesel		
TPH-g	total petroleum hydrocarbons as gasoline		
---	No Data		

TABLE 8
Summary of Soil Vapor Analytical Data
Zimmerman Property
3442 Adeline Street
Oakland, CA 94608

Boring	Date	TPH-g	Benzene	Toluene	Ethyl-benzene	Xylenes	MTBE	Naphthalene	Oxygen	Carbon Monoxide	Carbon Dioxide	Methane	Helium*	Leak Check Result
		µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	%	%	%	%	ppbv	
VB-1	10/1/2007	1,900	130	35	<8.8	<27	<48	---	---	---	---	---	---	NL
VB-2	10/1/2007	3,100	32	42	11	50	<48	---	---	---	---	---	---	NL
VB-3	10/1/2007	2,500	40	42	16	49	<48	---	---	---	---	---	---	NL
VB-4	6/22/2017	17,700,000	<51.1 *	---	---	---	---	<83	5.24	---	4.22	2.37	---	NL
VB-5	6/19/2017	16,300	9.61	25.8	23.6	124.4	<1.44	<83	10.7	---	2.87	<0.400	<100,000	<0.04%
VB-7	10/14/2016	17,900	206	1,090	148	636	<18	<25	12.8	<2.00	0.65	<0.400	9,280,000	4.0%
	6/15/2017	2,060	3.47	<1.51	<1.73	<5.20	<1.44	<83	10.9	---	2.39	<0.400	3,050,000	1.0%
VB-8	10/14/2016	1,770	48.0	287	25.3	119.4	<1.44	<6.60	13.6	<2.00	1.55	<0.400	1,150,000	0.6%
VB-9	10/14/2016	4,690,000	<294 *	<1,510	<347	<1,041	<288	<25 **Q**	<2.00	<2.00	10.9	0.806	<100,000	<0.04%
	6/15/2017	7,910,000	<118 *	847	385	1,038	169	<83	3.81	---	4.76	<0.400	<100,000	<0.04%
VB-10	10/14/2016	34,500	573	827	77.3	87.7	<18	<25	3.40	<2.00	3.93	<0.400	11,200,000	4.8%
	6/15/2017	4,920	<1.28	12.3	3.35	14.69	<1.44	<83	13.5	---	2.37	<0.400	1,860,000	0.6%
VB-11	10/14/2016	3,420	44.4	343	62.3	272.5	<1.44	<6.6	7.81	<2.00	1.83	<0.400	2,460,000	1.5%
VB-12	10/14/2016	1,490,000	15,400	<603	<694	<2,084	<577	<25 **Q**	<2.00	<2.00	13.6	0.416	<100,000	<0.05%
	6/15/2017	1,740,000	1,280	231	311	1,288	<21.1	<83	2.85	---	9.72	<0.400	<100,000	<0.03%
VB-13	10/14/2016	15,900	197	855	73.6	322.7	<1.44	<6.6	13.6	<2.00	<0.500	<0.400	10,600,000	6.0%
VB-14	10/14/2016	10,300	157	605	63.1	270.2	<1.44	<6.6	10.9	<2.00	2.35	<0.400	11,200,000	4.7%
VB-15	10/14/2016	406,000	<51.1	<60.3	<69.4	<208	95.1	<25 **Q**	2.09	<2.00	10.4	<0.400	2,450,000	1.2%
VB-16	10/14/2016	30,000	106	1,010	116	538	<18	<6.6	11.1	<2.00	2.97	<0.400	8,540,000	4.5%
	6/19/2017	2,330	1.64	4.91	<1.73	7.79	<0.400	<83	14.1	---	<0.500	<0.400	<100,000	<0.04%
VB-17	6/15/2017	22,700	27.2	55.3	13.6	52.7	<1.44	<83	8.82	---	3.14	<0.400	2,090,000	0.6%

TABLE 8
Summary of Soil Vapor Analytical Data
Zimmerman Property
3442 Adeline Street
Oakland, CA 94608

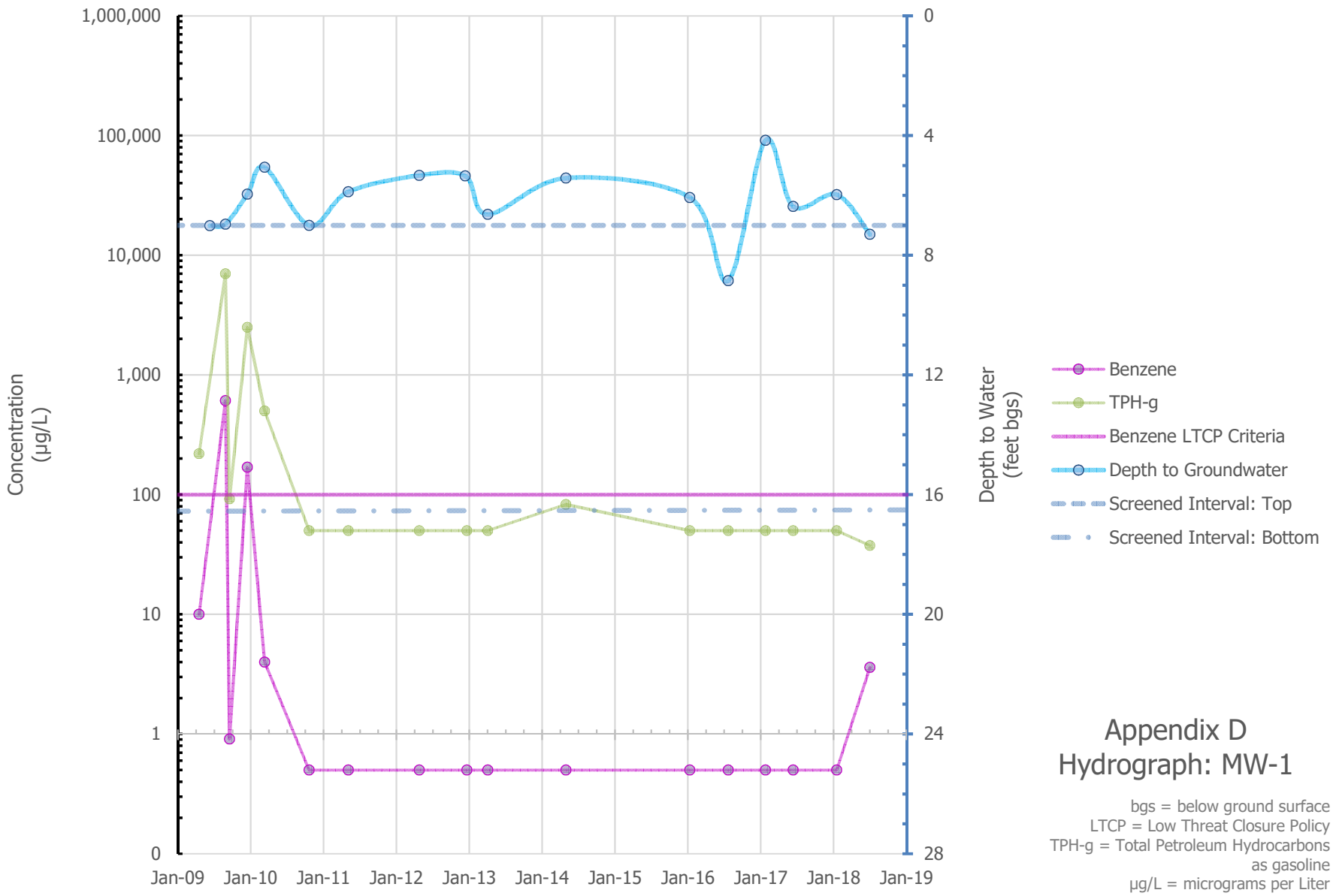
Boring	Date	TPH-g	Benzene	Toluene	Ethyl-benzene	Xylenes	MTBE	Naphthalene	Oxygen	Carbon Monoxide	Carbon Dioxide	Methane	Helium*	Leak Check Result
		µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	%	%	%	%	ppbv	
VB-18	6/15/2017	1,510	1.94	8.60	<1.73	6.63	<1.44	<83	4.71	---	4.36	<0.400	2,430,000	0.8%
VB-19	6/19/2017	2,424	2.49	29.4	5.82	48.6	<1.44	<83	13.6	---	1.04	<0.400	<100,000	<0.04%
VB-20	6/15/2017	3,380	7.86	50.8	6.23	38.28	<0.400	<83	11.7	---	3.58	<0.400	1,510,000	0.5%
VB-21	6/15/2017	9,590	81.7	644	56.7	272.6	<1.44	<83	14.7	---	<0.500	<0.400	683,000	0.2%
VB-22	6/15/2017	6,580	26.7	7.43	1.93	<5.20	<1.44	<83	7.13	---	1.76	<0.400	1,500,000	0.6%

Notes:

---	No Data
% Leak	Ratio of the concentration of the leak check compound in the shroud to the concentraiton of the leak check compound in the sample
(a)	Results determined using a field Helium meter
(b)	isopropyl alcohol used as a leack check compound
(c)	1,1-difluoroethane used as a leack check compound
*	Analyte reported at the method detection limit
µg/m^3	micrograms of analyte per cubic meter of sample under standard conditions
MTBE	methyl tert-butyl ether
NL	Non-helium leak check compounds were not reported as present
Q	The internal standard associated with the analyte exceeded acceptable limits
TPH-g	total petroleum hydrocarbons as gasoline
	Analytical data from the current reporting period
	Soil vapor samples collected from probes at an approximate depth of 5 feet below ground surface

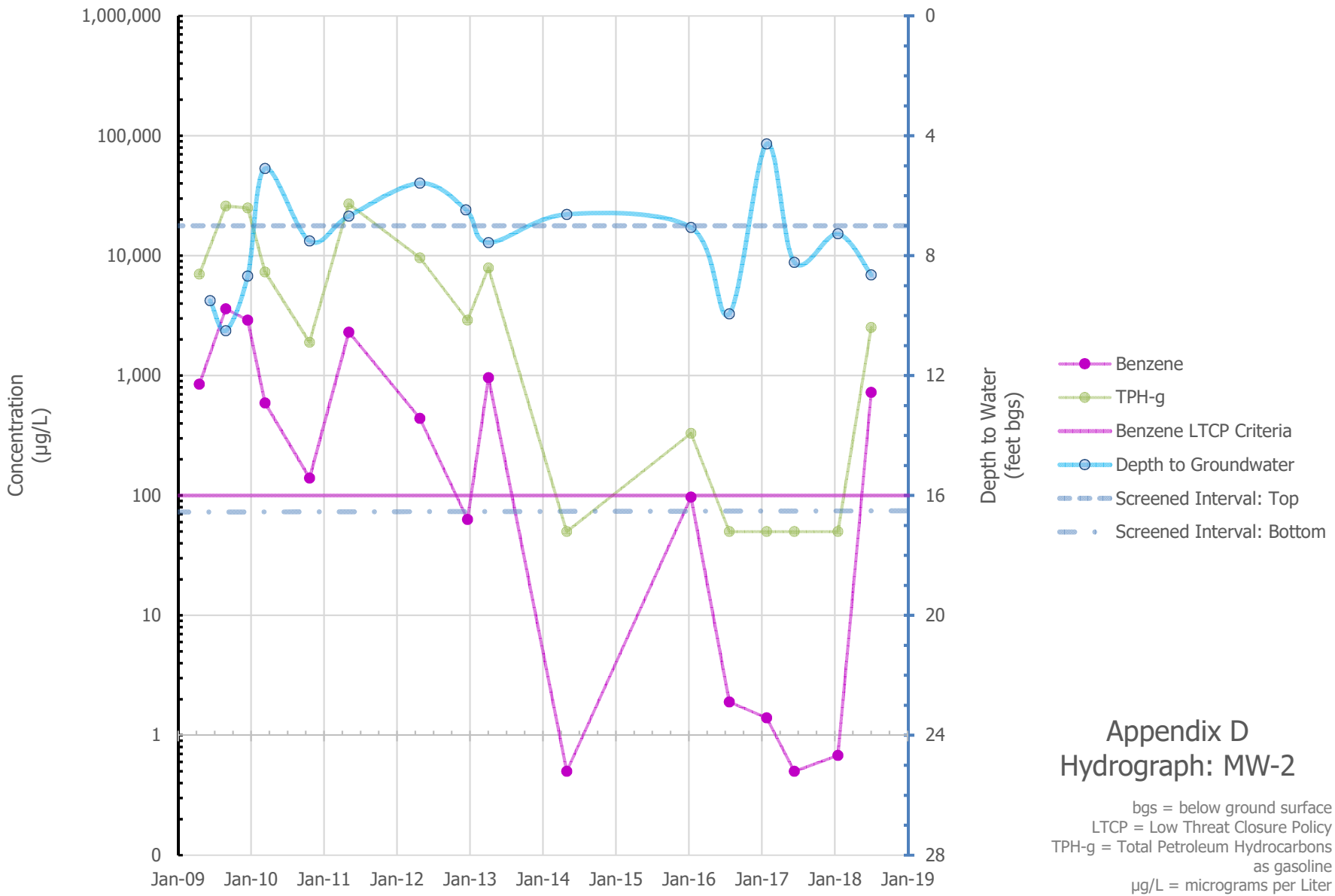
APPENDIX A

HYDROGRAPHS



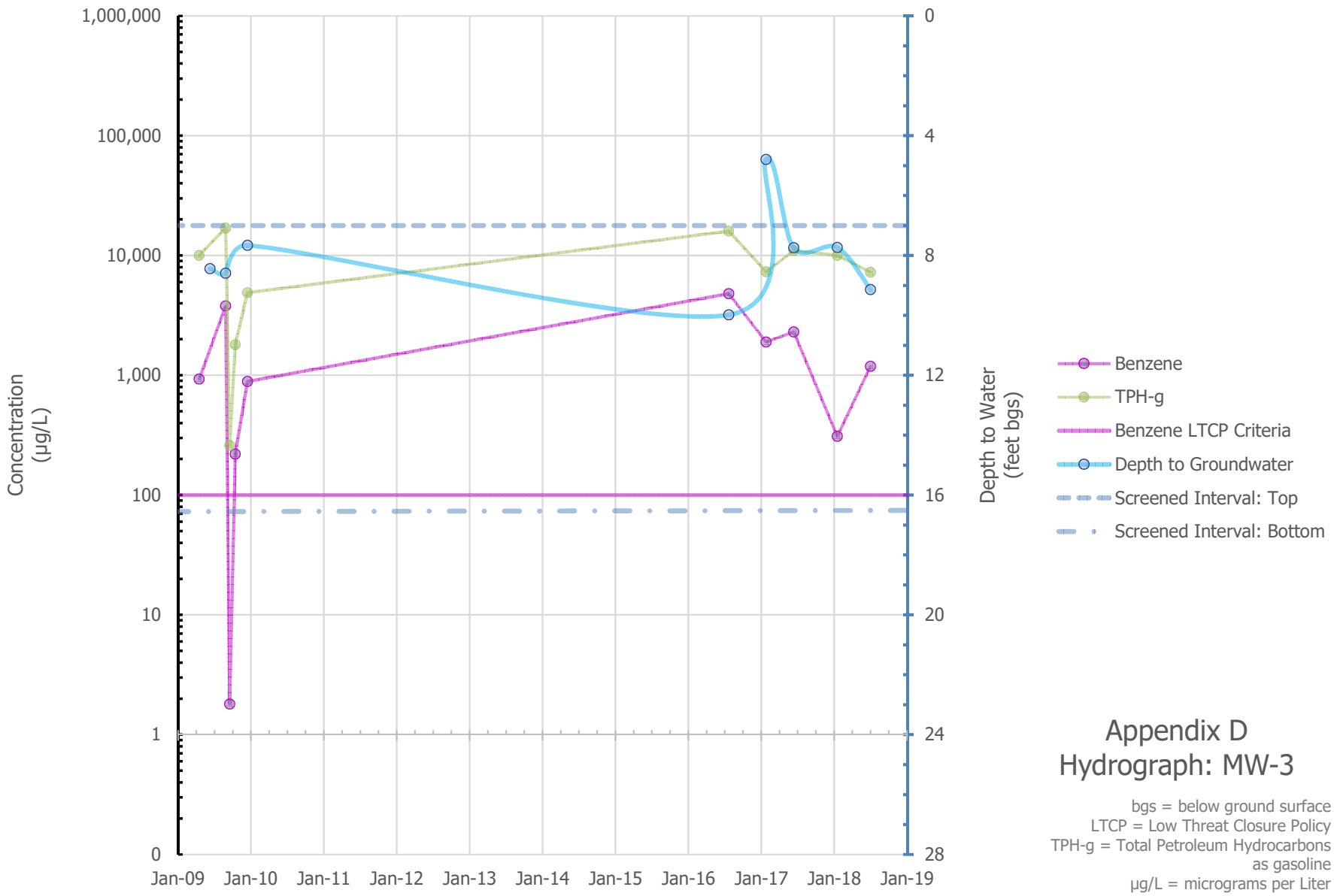
Appendix D
Hydrograph: MW-1

bgs = below ground surface
LTCP = Low Threat Closure Policy
TPH-g = Total Petroleum Hydrocarbons as gasoline
µg/L = micrograms per Liter



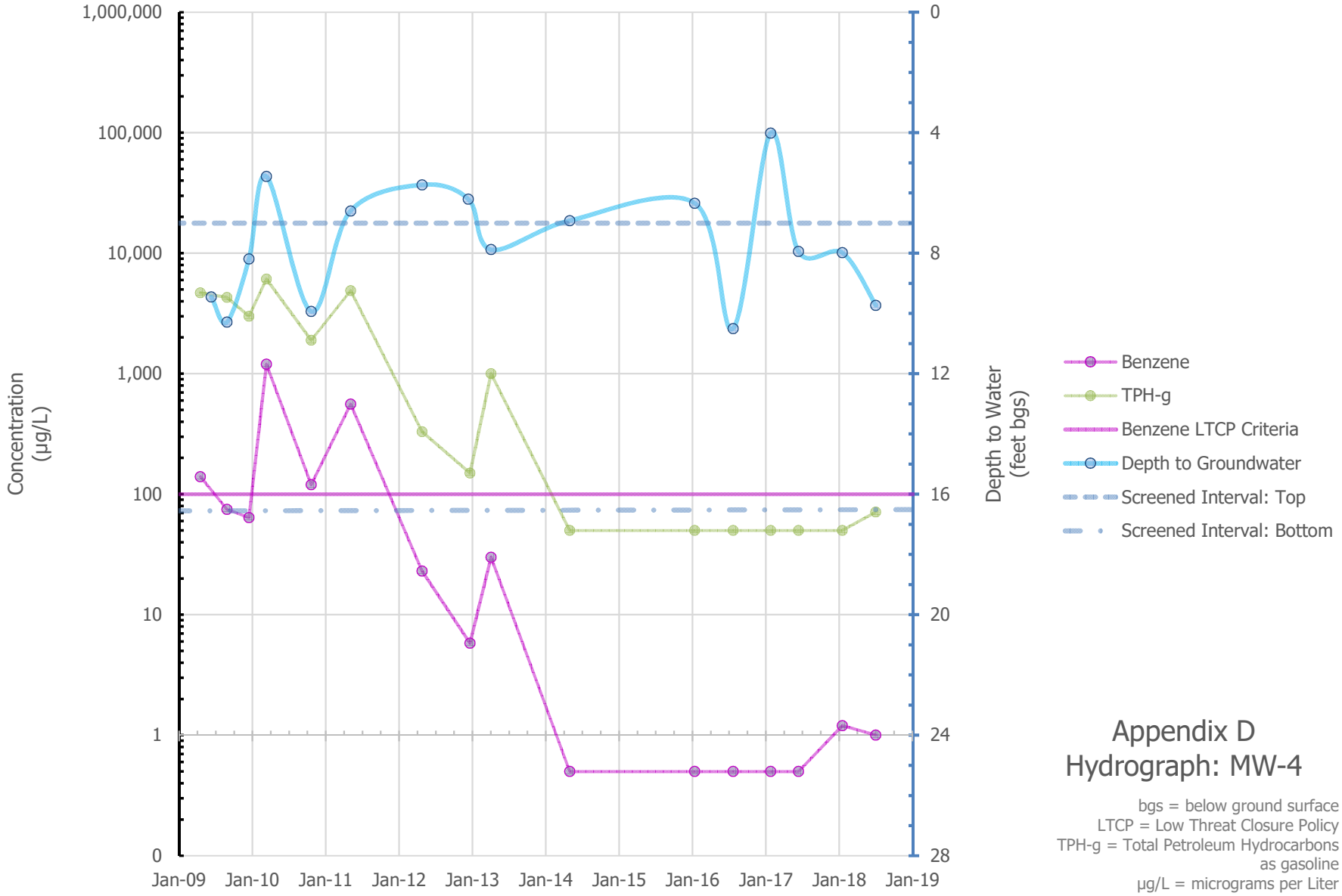
Appendix D
Hydrograph: MW-2

bgs = below ground surface
LTCP = Low Threat Closure Policy
TPH-g = Total Petroleum Hydrocarbons as gasoline
µg/L = micrograms per Liter



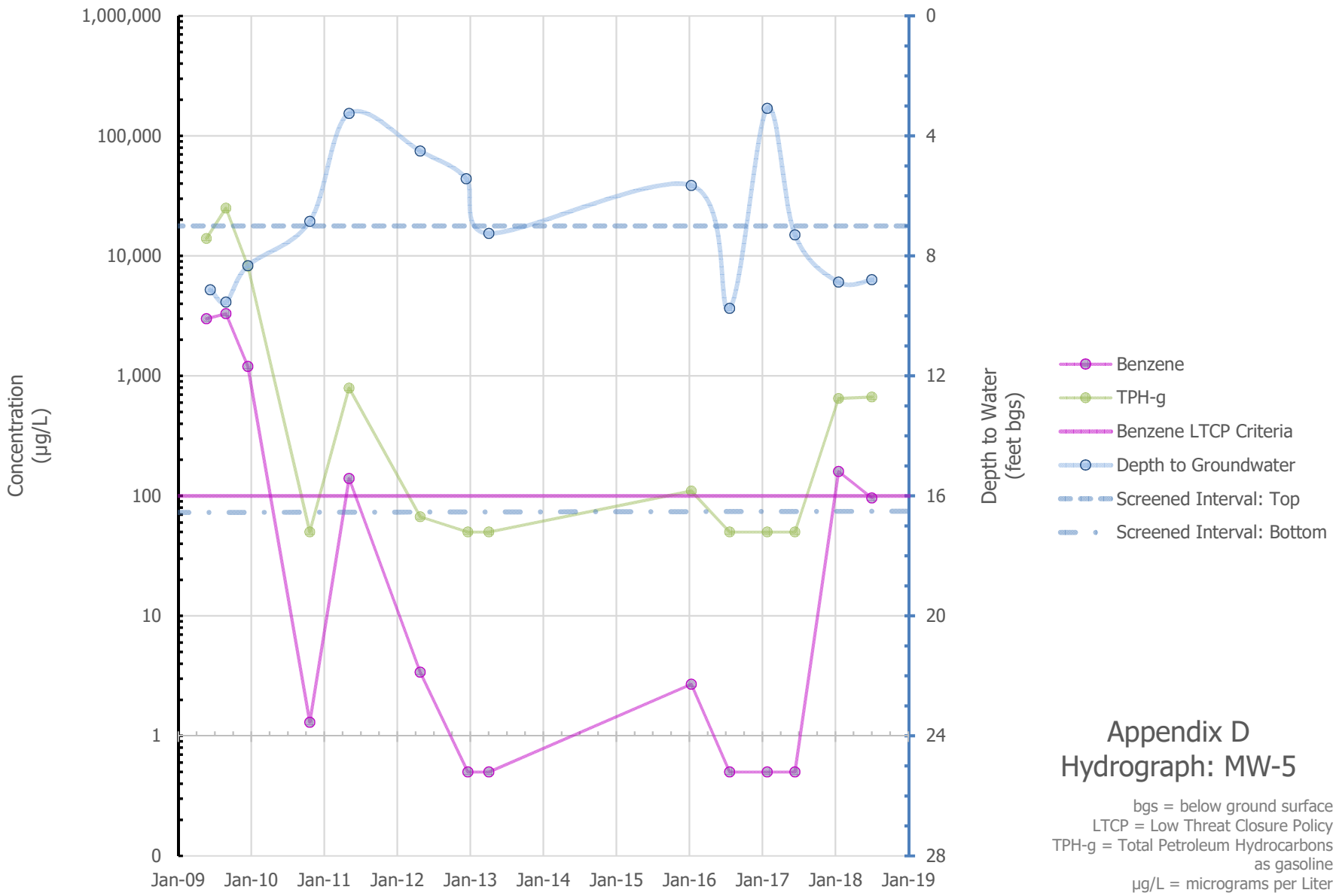
Appendix D
Hydrograph: MW-3

bgs = below ground surface
LTCP = Low Threat Closure Policy
TPH-g = Total Petroleum Hydrocarbons as gasoline
µg/L = micrograms per Liter



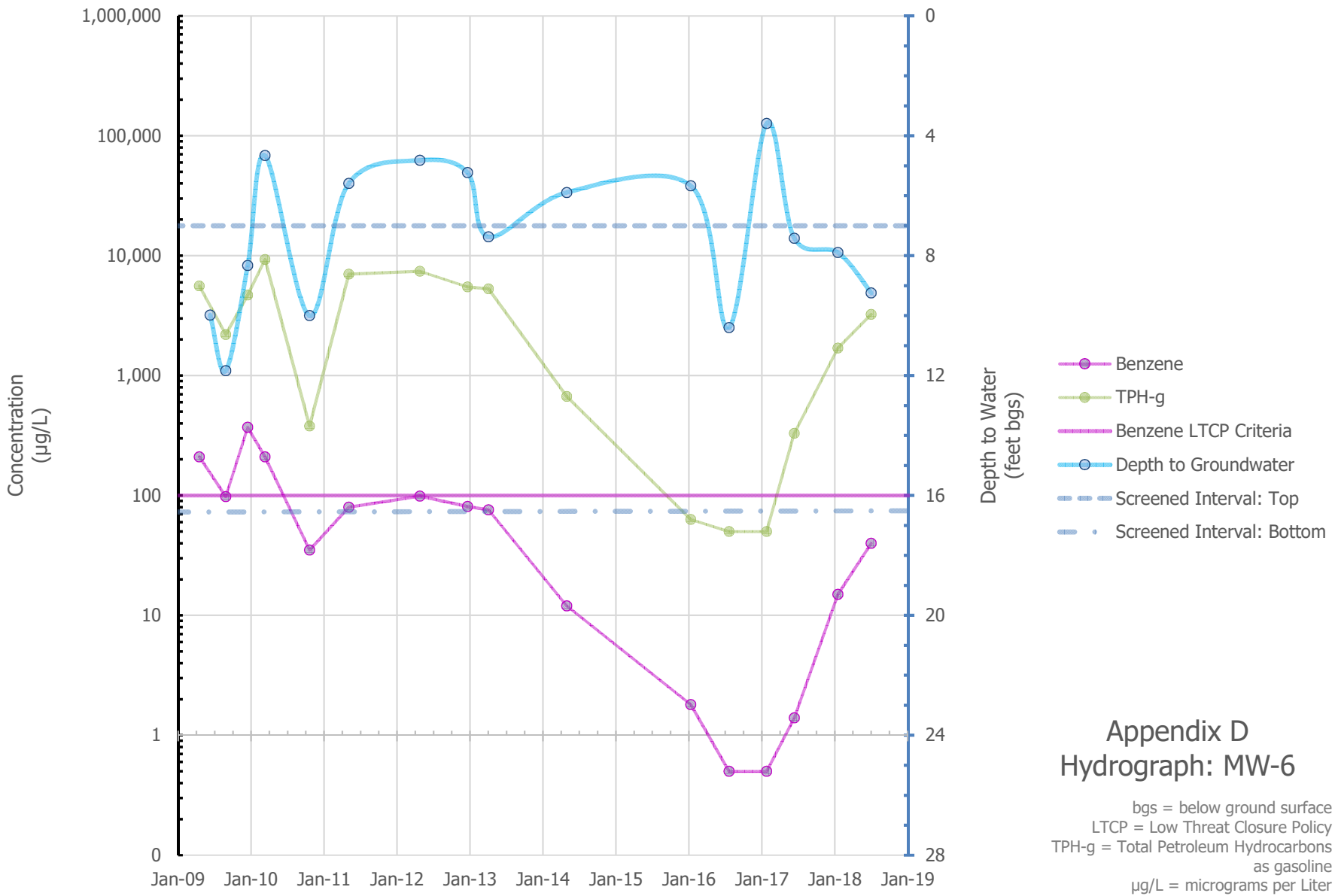
Appendix D
Hydrograph: MW-4

bgs = below ground surface
LTCP = Low Threat Closure Policy
TPH-g = Total Petroleum Hydrocarbons as gasoline
µg/L = micrograms per Liter



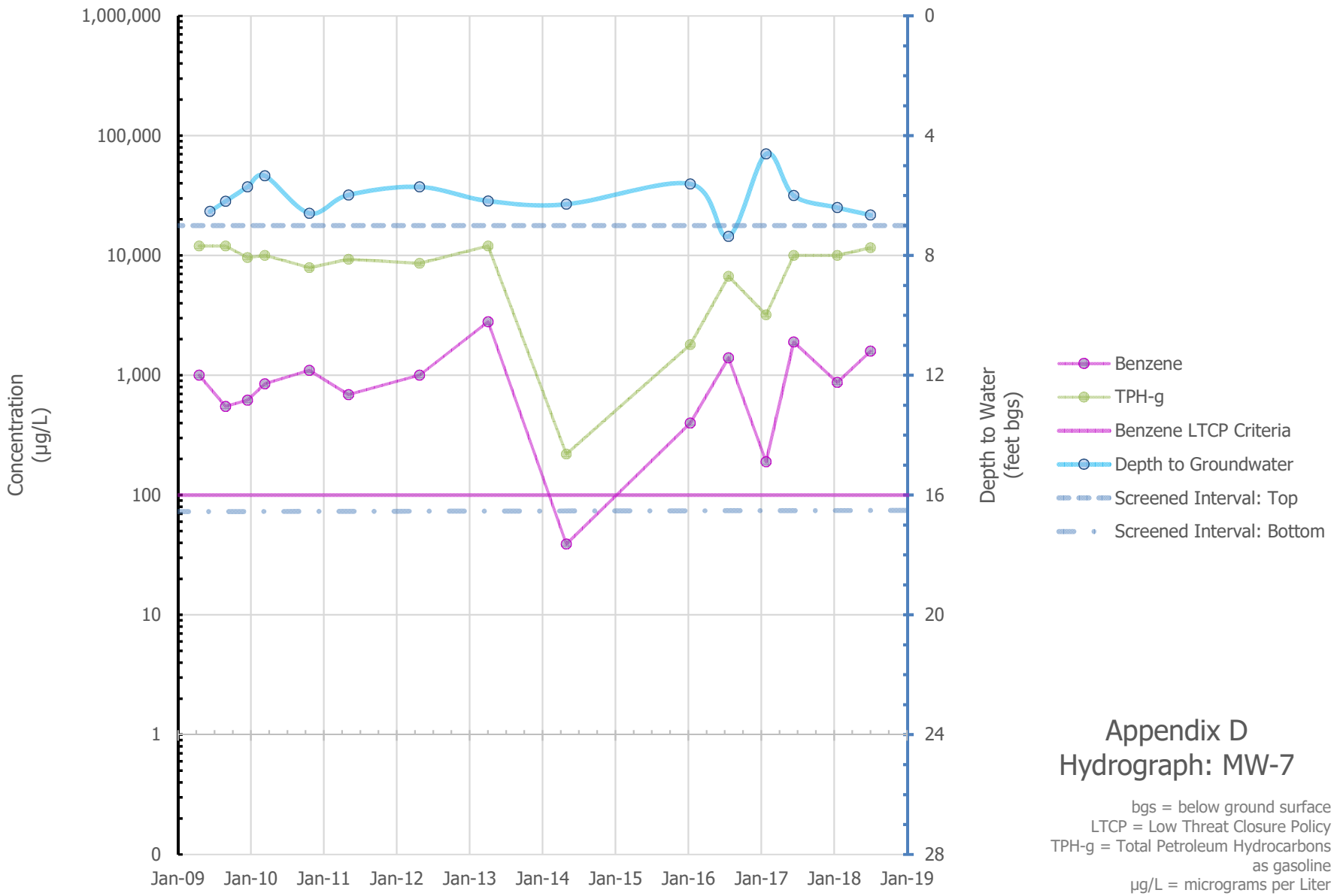
Appendix D
Hydrograph: MW-5

bgs = below ground surface
LTCP = Low Threat Closure Policy
TPH-g = Total Petroleum Hydrocarbons as gasoline
µg/L = micrograms per Liter



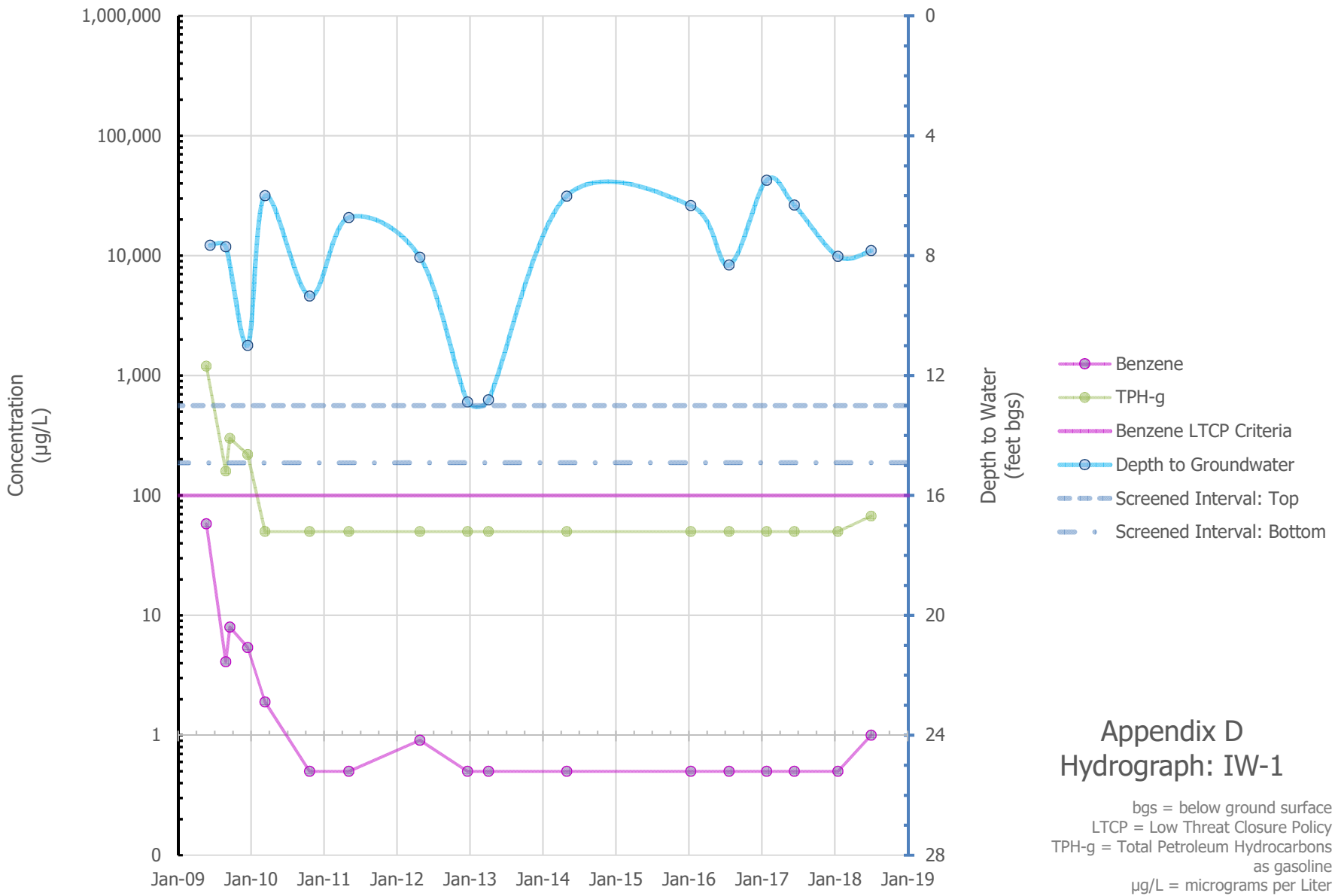
Appendix D
Hydrograph: MW-6

bgs = below ground surface
LTCP = Low Threat Closure Policy
TPH-g = Total Petroleum Hydrocarbons as gasoline
µg/L = micrograms per Liter



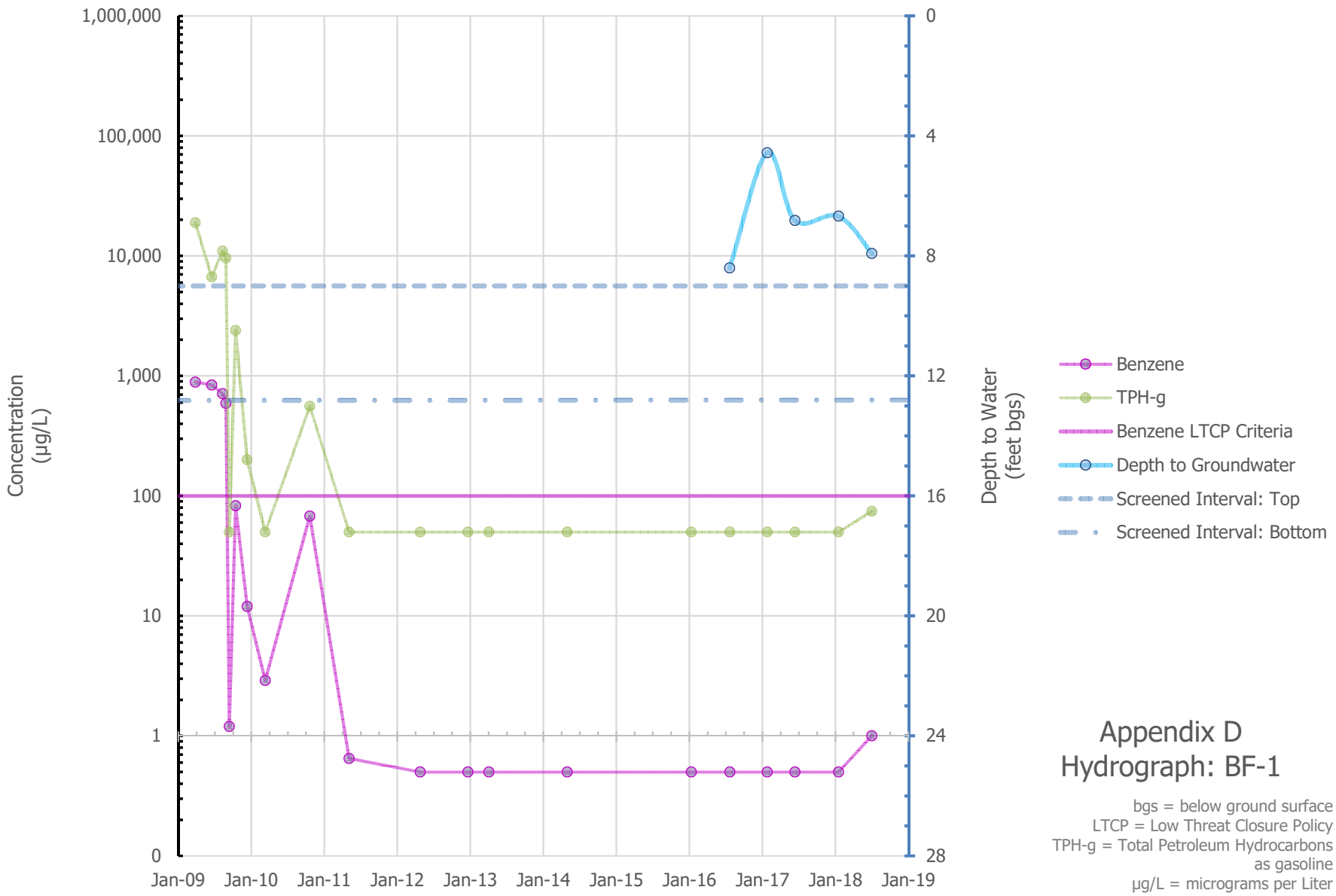
Appendix D
Hydrograph: MW-7

bgs = below ground surface
LTCP = Low Threat Closure Policy
TPH-g = Total Petroleum Hydrocarbons as gasoline
µg/L = micrograms per Liter



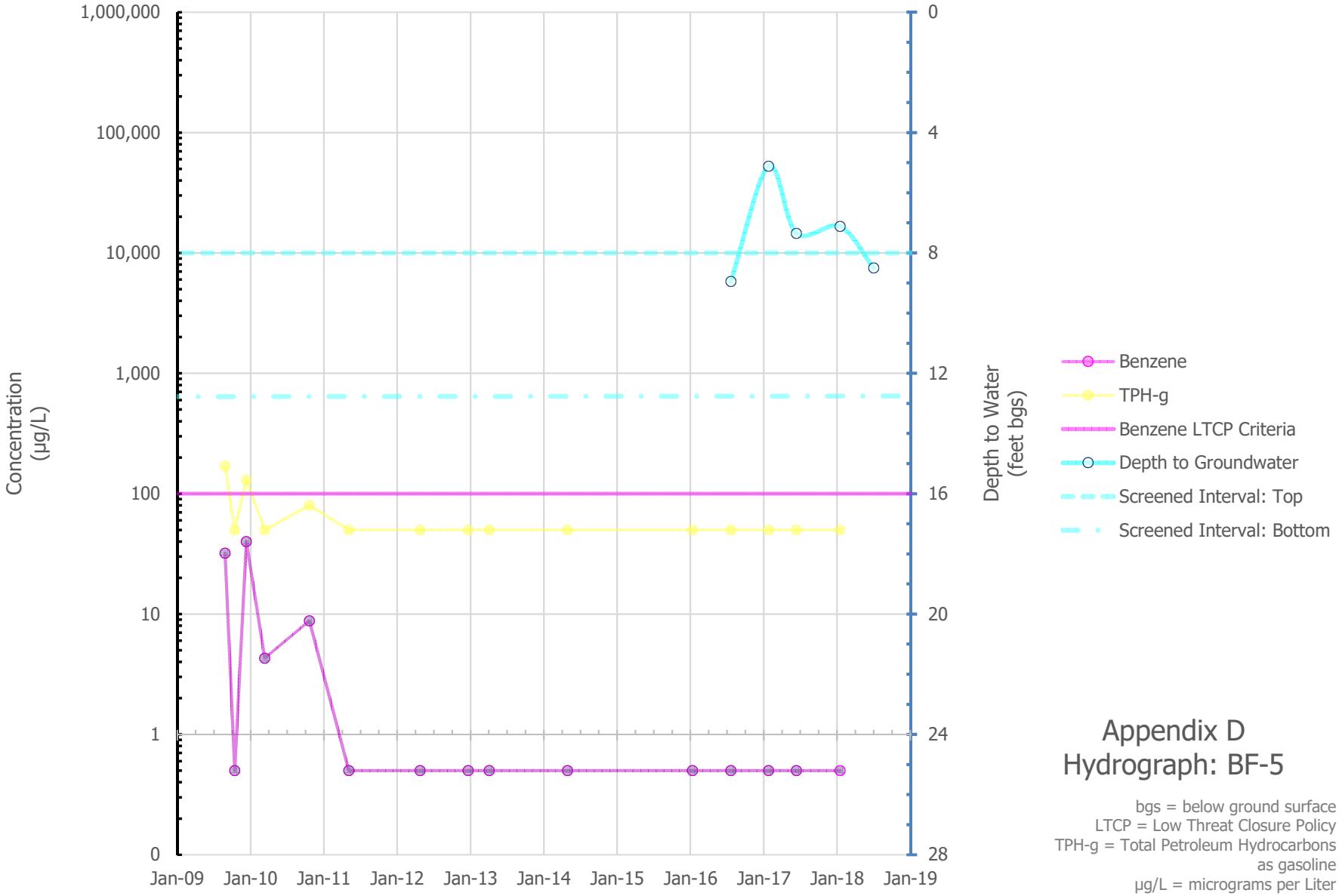
Appendix D
Hydrograph: IW-1

bgs = below ground surface
LTCP = Low Threat Closure Policy
TPH-g = Total Petroleum Hydrocarbons as gasoline
µg/L = micrograms per Liter



Appendix D
Hydrograph: BF-1

bgs = below ground surface
LTCP = Low Threat Closure Policy
TPH-g = Total Petroleum Hydrocarbons as gasoline
µg/L = micrograms per Liter



Appendix D
Hydrograph: BF-5

bgs = below ground surface
LTCP = Low Threat Closure Policy
TPH-g = Total Petroleum Hydrocarbons as gasoline
µg/L = micrograms per Liter

APPENDIX B

PHASE I ENVIRONMENTAL SITE ASSESSMENT

AEI Consultants

August 21, 2018

PHASE I ENVIRONMENTAL SITE ASSESSMENT

DRAFT

Property Information:
3442 Adeline Street
Oakland, Alameda County, California 94608

AEI Project No. 392271

Prepared For:
Steffi R. Zimmerman 2006 Trust
3289 Lomas Verdes Place
Lafayette, California 94549

Prepared By:
AEI Consultants
2500 Camino Diablo, Suite 100
Walnut Creek, California 94597-3940

Environmental Due Diligence

Building Assessments

Site Investigation & Remediation

Energy Performance & Benchmarking

Industrial Hygiene

Construction Risk Management

Zoning Analysis Reports & ALTA Surveys

National Presence
Regional Focus
Local Solutions

AEI Consultants

August 21, 2018

Bill Mouat
Steffi R. Zimmerman 2006 Trust
3289 Lomas Verdes Place
Lafayette, California 94549

Subject: **Phase I Environmental Site Assessment**
3442 Adeline Street
Oakland, California 94608
AEI Project No. 392271

Dear Mr. Mouat:

AEI Consultants is pleased to provide the *Phase I Environmental Site Assessment* of the above referenced property. This assessment was authorized and performed in accordance with the scope of services engaged.

We appreciate the opportunity to provide services to you. If you have any questions concerning this report, or if we can assist you in any other matter, please contact me at (925) 746-6004 or pmcintyre@aeiconsultants.com.

Sincerely,
DRAFT
Peter McIntyre, PG
Executive Vice President, Site Mitigation Services
AEI Consultants

DRAFT

PROJECT SUMMARY

3442 Adeline Street, Oakland, Alameda County, California 94608
AEI Project No. 392271

Report Section		REC	CREC	HREC	OEC	Recommended Action
1.0	Introduction					None
2.0	Site and Vicinity Description					None
3.0	Historical Review of Site and Vicinity	✔				None
4.0	Regulatory Agency Records Review	✔				None
5.0	Regulatory Database Records Review	✔				None
6.0	Interviews and User Provided Information					None
7.0	Site Reconnaissance					None
8.1	Asbestos-Containing Building Materials				✔	Operations and Maintenance (O&M) Plan
8.2	Lead-Based Paint				✔	None
8.3	Radon					None
8.4	Mold/Indoor Air Quality Issues					None

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EXECUTIVE SUMMARY

AEI Consultants (AEI) was retained by Steffi R. Zimmerman 2006 Trust to conduct a Phase I ESA in conformance with AEI's contract and the scope and limitations of ASTM Standard Practice E1527-13 and the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) for the property located at 3442 Adeline Street, Oakland, Alameda County, California (the "subject property"). Any exceptions to, or deletions from, this practice are described in Sections 1.4, 1.5, and 1.6 of this report.

Pertinent subject property information is noted below:

PROPERTY INFORMATION	
Site Address(es)	3442 Adeline Street, Oakland, Alameda County, California 94608
Property ID (APN or Block/Lot)	5-478-5-1 and 5-478-20
Location	Southwest corner of Chestnut Street and 35th Street, east side of Adeline Street
Property Type	Recreational/Warehouse
SITE AND BUILDING INFORMATION	
Approximate Site Acreage/Source	45,925/Owner Provided
Number of Buildings	Two
Building Construction Date(s)	Northern subject property building - Between 1902 and 1912 Southern subject property building - 1951
Building Square Footage (SF)/Source	Approximately 27,950/Estimate using on-line mapping systems
Number of Floors/Stories	One
Basement or Subgrade Area(s)	None identified
Number of Units	Two
Additional Improvements	Concrete paved storage yard, partially covered by an overhang and a temporary office structure
On-site Occupant(s)	Ultimate Sports Academy and Contractor/General Storage
Current On-site Operations/Use	Indoor sports activities, athletic training, and associated administrative activities Storage of general household items and storage of contractors equipment Typical residential activities in a motor home parked on-site and occupied by a security guard
Current Use of Hazardous Substances	Yes; refer to Section 7.1
REGULATORY INFORMATION	
Regulatory Database Listing(s)	LUST, Alameda County CS, CERS, RGA LUST (three times), FINDS, HAZNET

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A chronological summary of historical subject property information is as follows:

Date Range	Subject Property Description and Use (Historical Addresses)	Source(s)
1902	Residences	Sanborn map
1912-1933	The existing building on the northern portion of the property occupied by Yager Sheet Metal Co. The rest of the property occupied by various residences.	Sanborn map, city directories
1936-1955	Northern subject property building occupied by Belfast Bottling Co and Pepsi Cola Bottling Co In 1951, the southern subject property building was constructed. From at least 1951 to 1955, this building was occupied by a garage, presumably for the bottling companies. A residence was also located on the northwestern portion of the property.	Sanborn maps, city directories, aerial photographs, agency records
1959-1970	Northern subject property building occupied by an electrical supplies warehouse. Southern subject property building occupied for truck repair activities. A residence was also located on the northwestern portion of the property (demolished in 1975).	Sanborn maps, city directories, aerial photographs, interviews
At least 1982 to Present	Existing buildings and storage yard, occupied by the current owners for contractors storage and an indoor sports facility	Interviews, site observation

The immediately surrounding properties consist of the following:

Direction	Tenant/Use (Address)	Regulatory Database Listing(s)
Northwest	Residences (3508 and 3512 Adeline Street) City of Paris Studios (3516 Adeline Street)	Hist UST, EDR Hist Cleaner, LUST, Alameda County CS, SWEEPS UST, CA FID UST, HIST Cortese, CERS (3516 Adeline Street)
North	35th Street, followed by: Highway 580	None identified
East	Chestnut Street, followed by: California Hotel (apartments) (3501 San Pablo Avenue)	LUST, Alameda County CS, EMI, Hist Cortese, CERS (3501 San Pablo Avenue) EDR Hist Auto (3515 San Pablo Avenue - historical address)
South	Residences (3431 Chestnut Street and 3430 Adeline Street)	None identified
West	Adeline Street, followed by: Residences (3427-3501 Adeline Street)	None identified

If the surrounding properties are listed in the regulatory database, please refer to Section 5.1 for discussion.

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FINDINGS

Recognized Environmental Condition (REC) is defined by the ASTM Standard Practice E1527-13 as the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment.

- Based on information obtained from the Alameda County LOP and the GeoTracker website, on February 22, 2000 Clearwater Group (Clearwater) reportedly removed a 3,750-gallon steel single-wall underground storage tank (UST) from a location immediately adjacent to the eastern property boundary. Sidewall soil samples and a grab groundwater sample were collected from the tank excavation for chemical analysis. Each of the two sidewall soil samples and the one groundwater sample yielded elevated concentrations of petroleum hydrocarbons suggesting a release of petroleum hydrocarbons had occurred from the former UST.

  Subsurface investigations to characterize the lateral and vertical extent of petroleum hydrocarbons released from the former UST commenced in 2006. Between 2006 and 2009, a total of 43 soil borings were advanced by Clearwater and AEI for the collection of soil and grab groundwater samples from both on-site and off-site locations. In April 2009, seven groundwater monitoring wells were installed. Periodic groundwater monitoring of the groundwater in each of the monitoring wells has been performed since their installation.

  In March and April of 2009 AEI conducted an interim remedial excavation immediately down-gradient of the former UST, inside the southern subject property building (see Figure 2). Approximately 1,100 tons of petroleum impacted soil was removed from a roughly 35 feet wide, 75 feet long, and 12 feet deep area. Confirmation soil samples were collected from ten locations along the excavation sidewalls and from four locations along the base of the excavation.

  In October 2016, permanent soil vapor probes were installed and soil boring 32 was advanced. A total of 9 soil vapor and 24 soil samples were collected as part of this investigation. The findings of this investigation identified several data gaps and found that benzene was present above the soil gas criteria as defined by the California Environmental Protection Agency's (Cal EPA) Low Threat Underground Storage Tank Case Closure Policy dated August 17, 2012 (LTCP).

  On September 12, 2017, AEI issued a *Report on Data Gap Investigation, Updated Conceptual Site Model, and Closure Evaluation* for the subject property. In May 2017, additional soil vapor, soil, and groundwater samples were collected on-site. Based on the contamination identified in soil, soil vapor, and groundwater, (including light non aqueous phase liquid [LNAPL]), AEI concluded that additional investigation is necessary to determine if soil, soil vapor, and groundwater contamination observed in one of the soil vapor probes (VB-21) is from an on-site or off-site source.

  In January 2018, AEI conducted routine semi-annual groundwater monitoring at the

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subject property and also conducted soil vapor sampling. Based on the results of this investigation, AEI recommended one additional semi-annual groundwater monitoring event to confirm that concentration trends in groundwater remain compliant with requirements for low-threat closure, and continued semi-annual soil vapor sampling to evaluate concentration trends. Based on the documented on-site soil, soil vapor, and groundwater contamination, the open LUST case represents a REC.

- Based on the review of Sanborn maps and city directories, the northern subject property building was occupied by Yager Sheet Metal Co from at least 1912 to 1933. In the 1912 Sanborn maps, an elevated distribution tank and melting pots are depicted in this building. It is likely that sheet metal manufacturing activities involved the use of substances containing heavy metals, VOCs, and/or SVOCs. These operations were conducted on-site at a time with little or no regulatory oversight, and no other records were found relating to this business. Based on the length of time the subject property was occupied by this sheet metal company and the documented contamination identified in this area of the property (please refer to above for discussion), the former use of the subject property by Yager Sheet Metal Co represents a REC.
- Based on the review of Sanborn maps and city directories, the subject property was occupied by the Belfast Bottling Co and the Pepsi Cola Bottling Co from at least 1936 to 1955. The northern subject property building appears to have been primarily used as a warehouse and an office. From at least 1951 to 1955, the southern subject property building was occupied as a truck garage, presumably for the bottling companies. From at least 1959 to 1970, the southern building was occupied for truck repair activities while the northern building was occupied by an electrical supplies warehouse. Garages and truck repair facilities typically store and utilize solvents and petroleum products on site. According to the subject property owner, Mr. Bill Mouat, he was not aware of any lifts, pits, sumps, or other subsurface features inside the southern subject property building, although he did indicate that the building had to be significantly cleaned out when it was purchased by his family in the 1980s, as the truck company had left materials behind and the building in poor condition. Based on the length of time the subject property was occupied by the truck repair company and the documented contamination identified on-site (please refer above for discussion), the former use of the subject property by Yager Sheet Metal Co represents a REC.
- Based on the review of historical records, the adjacent site to the east (in the location that is now 35th Street just west of San Pablo Avenue) was occupied by a gas station from at least 1928 to 1954. The area of the former gas station was paved over in the 1960s as 35th Street during construction of the adjacent freeway. Review of the GeoTracker website, Alameda County LOP website, and the regulatory database indicates that this site has not been investigated for a release. Based on the proximity to the subject property, documented groundwater flow direction, and and the unknown management and/or removal practices utilized in connection with the USTs, a release at this adjacent site, if any, has the potential to impact the subject property. Due to the historical presence of a UST and historical industrial activities at the subject property, the potential exists that the release at this adjacent site (if any) and the documented release at the subject property could be commingled, or that additional costs may be incurred in determining the responsible party. Therefore, this adjacent former gas station is considered a REC.

- The adjacent site to the east, the California Hotel located at 3501 San Pablo Avenue, was identified as a closed LUST case in the regulatory database. Based on information obtained from the Alameda County LOP website and the regulatory database, on November 19, 1999, one 1,500 gallon bunker fuel UST was removed from the sidewalk just west of a former building at 3501 San Pablo Avenue (see Figure 2 for location). Initial soil samples collected beneath the north and south ends of the UST (approximately 11 feet bgs) identified TPHg, TPHd, Oil and Grease, and Motor Oil. BTEX was not identified. Soil was over excavated to between 14.5 and 16.5 feet bgs. The fate of the excavated soil is unknown. Groundwater was not encountered at the site during excavation activities, soil sampling, or tank removal. The case was granted closure on October 28, 1998 based on the presumed lack of groundwater contamination. However, based on subsurface investigations and groundwater monitoring performed at the subject property, shallow groundwater is expected to be present between 3 and 21 feet bgs, and therefore could have been impacted from the release.

  Based on the review of Sanborn maps, AEI identified this former building as occupied by an auto repair facility from at least 1951 to 1970. By the 1990s, this building had been demolished and this area is now a community garden. Based on the lack of groundwater data, the limited soil sampling performed at this site, the documented flow of groundwater, and the proximity to the subject property, the release identified at this site has the potential to impact the subject property. Due to the historical presence of a UST and historical industrial activities at the subject property, the potential exists that the release at this adjacent site and the documented release at the subject property could be commingled, or that additional costs may be incurred in determining the responsible party. In addition, the release identified at this site could have originated from the former gas station to the north (discussed above). Therefore, this adjacent site is considered a REC.

<u>Controlled Recognized Environmental Condition (CREC)</u> is defined by the ASTM Standard Practice E1527-13 as a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority, with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls.

- AEI did not identify evidence of CRECs during the course of this assessment.

<u>Historical Recognized Environmental Condition (HREC)</u> is defined by the ASTM Standard Practice E1527-13 as a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls.

- AEI did not identify evidence of HRECs during the course of this assessment.

<u>Other Environmental Considerations (OEC)</u> warrant discussion, but do not qualify as RECs as defined by the ASTM Standard Practice E1527-13. These include, but are not limited to, de minimis conditions and/or environmental considerations such as the presence of ACMs, LBP, radon, mold, and lead in drinking water, which can affect the liabilities and financial obligations of the client, the health and safety of site occupants, and the value and marketability of the

subject property.

- Due to the age of the subject property buildings, there is a potential that ACMs are present. The observed suspect ACMs at the subject property were in good condition at the time of the site reconnaissance and are not expected to pose a health and safety concern to the occupants of the subject property at this time. Based on the potential presence of ACMs, AEI recommends the implementation of an O&M Plan which stipulates that the repair and maintenance of damaged materials should be performed to protect the health and safety of the building occupants. In the event that building renovation or demolition activities are planned, a thorough asbestos survey to identify asbestos-containing building materials is required in accordance with the EPA NESHAP 40 CFR Part 61 prior to demolition or renovation activities that may disturb suspect ACMs.
- Due to the age of the subject property buildings, there is a potential that LBP is present. All observed painted surfaces were in good condition and are not expected to pose a health and safety concern to the occupants of the subject property at this time. Local regulations may apply to LBP in association with building demolition/renovations and worker/occupant protection. Actual material samples would need to be collected or an x-ray fluorescence (XRF) survey performed in order to determine if LBP is present. It should be noted that construction activities that disturb materials or paints containing any amount of lead may be subject to certain requirements of the OSHA lead standard contained in 29 CFR 1910.1025 and 1926.62.

CONCLUSIONS, OPINIONS, AND RECOMMENDATIONS

We have performed a Phase I ESA in conformance with the scope and limitations of ASTM Standard Practice E1527-13 and the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) of 3442 Adeline Street, Oakland, Alameda County, California, the *subject property*. Any exceptions to, or deletions from, this practice are described in Sections 1.4, 1.5, and 1.6 of this report.

AEI did not identify evidence of RECs or CRECs in connection with the property except for those previously identified in the Findings section.

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1.0 INTRODUCTION

This report documents the methods and findings of the Phase I ESA performed in conformance with AEI's contract and scope and limitations of ASTM Standard Practice E1527-13 and the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) for the property located at 3442 Adeline Street, Oakland, Alameda County, California (Appendix A: Figures and Appendix B: Property Photographs).

1.1 SCOPE OF WORK

The purpose of the Phase I ESA is to assist the client in identifying potential RECs, in accordance with ASTM E1527-13, associated with the presence of any hazardous substances or petroleum products, their use, storage, and disposal at and in the vicinity of the subject property. Property assessment activities focused on: 1) a review of federal, state, tribal, and local databases that identify and describe underground fuel tank sites, leaking underground fuel tank sites, hazardous waste generation sites, and hazardous waste storage and disposal facility sites within the ASTM approximate minimum search distance; 2) a property and surrounding site reconnaissance, and interviews with the past and present owners and current occupants and operators to identify potential environmental contamination; and 3) a review of historical sources to help ascertain previous land use at the site and in the surrounding area.

1.2 ADDITIONAL SERVICES

Other Environmental Considerations such as ACMs, LBP, lead in drinking water, radon, mold, and wetlands can result in business environmental risks for property owners which may disrupt current or planned operations or cash flow and are generally beyond the scope of a Phase I assessment as defined by ASTM E1527-13. Based upon the agreed-on scope of services this ESA did not include subsurface or other invasive assessments, business environmental risks, or other services not specifically identified and discussed herein.

1.3 SIGNIFICANT ASSUMPTIONS

The following assumptions are made by AEI in this report. AEI relied on information derived from secondary sources including governmental agencies, the client, designated representatives of the client, property contact, property owner, property owner representatives, computer databases, and personal interviews. AEI has reviewed and evaluated the thoroughness and reliability of the information derived from secondary sources including government agencies, the client, designated representatives of the client, property contact, property owner, property owner representatives, computer databases, or personal interviews. It appears that all information obtained from outside sources and reviewed for this assessment is thorough and reliable. However, AEI cannot guarantee the thoroughness or reliability of this information.

Groundwater flow, unless otherwise specified by on-site well data or well data from the subject property or nearby sites, is inferred from contour information depicted on the USGS topographic maps. AEI assumes the property has been correctly and accurately identified by the client, designated representative of the client, property contact, property owner, and property owner's representatives.

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1.4 LIMITATIONS

Property conditions, as well as local, state, tribal, and federal regulations can change significantly over time. Therefore, the recommendations and conclusions presented as a result of this assessment apply strictly to the environmental regulations and property conditions existing at the time the assessment was performed. Available information has been analyzed using currently accepted assessment techniques and it is believed that the inferences made are reasonably representative of the property. AEI makes no warranty, expressed or implied, except that the services have been performed in accordance with generally accepted environmental property assessment practices applicable at the time and location of the assessment.

Considerations identified by ASTM as beyond the scope of a Phase I ESA that may affect business environmental risk at a given property include the following: ACMs, radon, LBP, lead in drinking water, wetlands, regulatory compliance, cultural and historical resources, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality, mold, and high voltage lines. These environmental issues or conditions may warrant assessment based on the type of the property transaction; however, they are considered non-scope issues under ASTM Standard Practice E1527-13.

If requested by the client, these non-scope issues are discussed herein. Otherwise, the purpose of this assessment is solely to satisfy one of the requirements for qualification of the innocent landowner defense, contiguous property owner or bona fide prospective purchaser under CERCLA. ASTM Standard Practice E1527-13 and the United States EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312) constitute the "all appropriate inquiry into the previous ownership and uses of the property consistent with good commercial or customary practice" as defined in:

1. 42 U.S.C. § 9601(35)(B), referenced in the ASTM Standard Practice E1527-13.
2. Sections 101(35)(B) (ii) and (iii) of CERCLA and referenced in the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312).
3. 42 U.S.C. § 9601(40) and 42 U.S.C. § 9607(q).

The Phase I ESA is not, and should not be construed as, a warranty or guarantee about the presence or absence of environmental contaminants that may affect the property. Neither is the assessment intended to assure clear title to the property in question. The sole purpose of assessment into property title records is to ascertain a historical basis of prior land use. All findings, conclusions, and recommendations stated in this report are based upon facts, circumstances, and industry-accepted procedures for such services as they existed at the time this report was prepared (i.e., federal, state, and local laws, rules, regulations, market conditions, economic conditions, political climate, and other applicable matters). All findings, conclusions, and recommendations stated in this report are based on the data and information provided, current subject property use, and observations and conditions that existed on the date and time of the property reconnaissance.

Responses received from local, state, or federal agencies or other secondary sources of information after the issuance of this report may change certain facts, findings, conclusions, or circumstances to the report. A change in any fact, circumstance, or industry-accepted procedure upon which this report was based may adversely affect the findings, conclusions, and recommendations expressed in this report.

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AEI's limited radon screening, if included, is intended to provide a preliminary screening to evaluate the potential presence of elevated radon concentrations at the site. The proposed scope is not intended to define the full extent of the presence of radon at the subject property. As such, the results should be used for lending purposes only. The recommendations and conclusions presented as a result of the limited preliminary radon screening apply strictly to the property conditions existing at the time the sampling was performed. The sample analytical results are only valid for the time, place, and condition of the site at the time of collection and AEI does not warrant that the results will be repeatable or are representative of past or future conditions.

1.5 Limiting Conditions/Deviations

The performance of this Phase I ESA was limited by the following:

- While additional assessments may have been conducted on the subject property, these documents must be provided for AEI's review in order for the information to be summarized/included in this Phase I ESA. Please refer to Section 6.3 for a summary of previous reports and other documentation provided to AEI during this assessment.
- The User did not complete the ASTM User Questionnaire or provide the User information to AEI. AEI assumes that qualification for the LLPs is being established by the User in documentation outside of this assessment.
- Due to the large volume of stored products within the warehouse portion of the building, direct visual observation of many of the floor and wall areas of the building was not possible. Features may be present that were not observed during AEI's field reconnaissance.
- Due to the turf and other floor coverings inside the southern building, direct visual observation of many of the floor areas of the building was not possible. Features may be present that were not observed during AEI's field reconnaissance.
- Due to the vehicles and stored materials in the storage yard, direct visual observation of much of the ground area was not possible. Features may be present that were not observed during AEI's field reconnaissance.

1.6 Data Failure and Data Gaps

According to ASTM E1527-13, data gaps occur when the Environmental Professional is unable to obtain information required by the Standard, despite good faith efforts to gather such information. Pursuant to ASTM E1527-13, only significant data gaps, defined as those that affect the ability of the Environmental Professional to identify RECs, need to be documented.

Data failure is one type of data gap. According to ASTM E1527-13, data failure occurs when all of the standard historical sources that are reasonably ascertainable and likely to be useful have been reviewed and yet the objectives have not been met. Pursuant to ASTM E1527-13, historical sources are required to document property use back to the property's first developed use or back to 1940, whichever is earlier, or periods of five years or greater.

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1.6.1 Data Failure

The following data failure was identified during the course of this assessment:

Data Failure	The earliest historical resource obtained during this assessment was a Sanborn map from 1902 indicating that the subject property was developed with residences. The lack of historical sources for the subject property dating back to first developed use represents historical data source failure. However, as it is assumed that the subject property would have been previously used for residential purposes, if not undeveloped, this data failure is not expected to significantly alter the findings of this assessment.
Information/Sources Consulted	City directories, Sanborn fire insurance maps, aerial photographs, agency records, previous reports, interviews

1.6.2 Data Gaps

AEI did not identify significant data gaps which affected our ability to identify RECs.

1.7 Reliance

All reports, both verbal and written, are for the benefit of Steffi R. Zimmerman 2006 Trust. This report has no other purpose and may not be relied upon by any other person or entity without the written consent of AEI. Either verbally or in writing, third parties may come into possession of this report or all or part of the information generated as a result of this work. In the absence of a written agreement with AEI granting such rights, no third parties shall have rights of recourse or recovery whatsoever under any course of action against AEI, its officers, employees, vendors, successors, or assigns. Reliance is provided in accordance with AEI's contract and Standard Terms and Conditions executed by Steffi R. Zimmerman 2006 Trust on July 25, 2018. The limitation of liability defined in the Terms and Conditions is the aggregate limit of AEI's liability to the client and all relying parties.

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2.0 SITE AND VICINITY DESCRIPTION

2.1 SITE LOCATION AND DESCRIPTION

PROPERTY INFORMATION	
Site Address(es)	3442 Adeline Street, Oakland, Alameda County, California 94608
Property ID (APN or Block/Lot)	5-478-5-1 and 5-478-20
Location	Southwest corner of Chestnut Street and 35th Street, east side of Adeline Street
Property Type	Recreational/Warehouse
SITE AND BUILDING INFORMATION	
Approximate Site Acreage/Source	45,925/Owner Provided
Number of Buildings	Two
Building Construction Date(s)	Northern subject property building - Between 1902 and 1912 Southern subject property building - 1951
Building Square Footage (SF)/Source	Approximately 27,950/Estimate using on-line mapping systems
Number of Floors/Stories	One
Basement or Subgrade Area(s)	None identified
Number of Units	Two
Additional Improvements	Concrete paved storage yard, partially covered by an overhang and a temporary office structure
On-site Occupant(s)	Ultimate Sports Academy and Contractor/General Storage
Current On-site Operations/Use	Indoor sports activities, athletic training, and associated administrative activities Storage of general household items and storage of contractors equipment Typical residential activities in a motor home parked on-site and occupied by a security guard
Current Use of Hazardous Substances	Yes; refer to Section 7.1
REGULATORY INFORMATION	
Regulatory Database Listing(s)	LUST, Alameda County CS, CERS, RGA LUST (three times), FINDS, HAZNET

2.2 ON-SITE UTILITIES

Utility	Source/System Information
Heating System	N/A
Cooling System	N/A
Potable Water	East Bay Municipal Utility District
Sewage Disposal/Treatment	City of Oakland

Utility source/system information listed in the table above is provided by Mr. Bill Mouat, unless otherwise noted above.

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2.3 Site and Vicinity Characteristics

The subject property is located in a commercial and residential area of Oakland, California. The immediately surrounding properties consist of the following:

Direction	Tenant/Use (Address)	Regulatory Database Listing(s)
Northwest	Residences (3508 and 3512 Adeline Street) City of Paris Studios (3516 Adeline Street)	Hist UST, EDR Hist Cleaner, LUST, Alameda County CS, SWEEPS UST, CA FID UST, HIST Cortese, CERS (3516 Adeline Street)
North	35th Street, followed by: Highway 580	None identified
East	Chestnut Street, followed by: California Hotel (apartments) (3501 San Pablo Avenue)	LUST, Alameda County CS, EMI, Hist Cortese, CERS (3501 San Pablo Avenue) EDR Hist Auto (3515 San Pablo Avenue - historical address)
South	Residences (3431 Chestnut Street and 3430 Adeline Street)	None identified
West	Adeline Street, followed by: Residences (3427-3501 Adeline Street)	None identified

If the surrounding properties are listed in the regulatory database, please refer to Section 5.1 for discussion.

2.4 Physical Setting

Geologic Unit: Description/Source	Qtc: Temescal formation - alluvial fan deposits comprising interfingering lenses of clayey gravel, sandy silty clay, and sand-clay-silt mixtures, age late Quaternary/USGS and United States Department of the Interior
Soil Series: Description/Source	Based on a review of the USDA Soil Survey for the area of the subject property, the soils in the vicinity of the subject property are classified as Urban Land. The Urban Land designation indicates that more than 85 percent of the original soils have been disturbed or covered by paved surfaces, buildings or other structures. Due to the variability of the soil material, on-site investigation would be required to determine the specific soil composition at the subject property.
Groundwater Flow Direction/Source	West/On-site groundwater monitoring activities
Estimated Depth to Groundwater/ Source	3-21 feet bgs/On-site groundwater monitoring activities
Surface waters on the subject property or adjacent sites	None

Note: Groundwater flow direction can be influenced locally and regionally by the presence of local wetland features, surface topography, recharge and discharge areas, horizontal and vertical inconsistencies in the types and location of subsurface soils, and proximity to water pumping wells. Depth and gradient of the water table can change seasonally in response to variation in precipitation and recharge, and over time, in response to urban development such as storm water controls, impervious surfaces, pumping wells, cleanup activities, dewatering,

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seawater intrusion barrier projects near the coast, and other factors.

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3.0 HISTORICAL REVIEW OF SITE AND VICINITY

Reasonably ascertainable standard historical sources as outlined in ASTM Standard E1527-13 were used to determine previous uses and occupancies of the subject property that are likely to have led to RECs in connection with the subject property. A chronological summary of historical data found, including but not limited to aerial photographs, historical city directories, Sanborn fire insurance maps, and agency records, is as follows:

Date Range	Subject Property Description and Use (Historical Addresses)	Source(s)
1902	Residences	Sanborn map
1912-1933	The existing building on the northern portion of the property occupied by Yager Sheet Metal Co. The rest of the property occupied by various residences.	Sanborn map, city directories
1936-1955	Northern subject property building occupied by Belfast Bottling Co and Pepsi Cola Bottling Co In 1951, the southern subject property building was constructed. From at least 1951 to 1955, this building was occupied by a garage, presumably for the bottling companies. A residence was also located on the northwestern portion of the property.	Sanborn maps, city directories, aerial photographs, agency records
1959-1970	Northern subject property building occupied by an electrical supplies warehouse. Southern subject property building occupied for truck repair activities. A residence was also located on the northwestern portion of the property (demolished in 1975).	Sanborn maps, city directories, aerial photographs, interviews
At least 1982 to Present	Existing buildings and storage yard, occupied by the current owners for contractors storage and an indoor sports facility	Interviews, site observation

The following historical addresses were associated with the subject property: 3442-3504 Adeline Street, 2230-2232 Adeline Street, 3433-3527 Chestnut Street (also identified as Chestnut Way) and 2223-2227 Chestnut Street. These addresses were also researched as part of this assessment.

Please refer to Sections 3.2 and 4.1 for discussion of the environmental concerns associated with the historical uses of the subject property.

If available, copies of historical sources are provided in the report appendices.

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3.1 Aerial Photographs

AEI reviewed aerial photographs of the subject property and surrounding area. A search was made of the EDR collection of aerial photographs. Aerial photographs were reviewed for the following years:

Year(s)	Subject Property Description	Adjacent Site Descriptions
1939 1946	Developed with the existing subject property building on the northern portion of the property with residences on the southern portion of the property	NORTHWEST: Commercial buildings NORTH: Commercial buildings EAST: Chestnut Street, followed by a gas station, the California Hotel, and a building used for auto repair SOUTH: The existing residences WEST: Adeline Street, followed by the existing residences
1958	Developed with the two existing buildings, the existing covered area and storage yard, and a residence on the northwestern portion of the property	No significant changes
1968 1974	No significant changes	NORTHWEST: No significant changes NORTH: 35th Street, followed by the existing freeway EAST: Chestnut Street, followed by the California Hotel and a building used for auto repair SOUTH: No significant changes WEST: No significant changes
1982 1993 1998 2005 2012	The property appears as it does today, occupied by the existing buildings, overhang, and storage yard	NORTHWEST: No significant changes NORTH: No significant changes EAST: Chestnut Street, followed by the California Hotel SOUTH: No significant changes WEST: No significant changes

Please refer to Sections 3.2 and 4.1 for discussion of the environmental concerns associated with the historical use of the subject property.

Please refer to section 5.1 for discussion of adjacent sites of concern.

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3.2 Sanborn Fire Insurance Maps

Sanborn Fire Insurance maps were developed in the late 1800s and early 1900s for use as an assessment tool for fire insurance rates in urbanized areas. A search was made of the EDR collection of Sanborn Fire Insurance maps.

The following maps were reviewed:

Year(s)	Subject Property Description (Listed Address)	Adjacent Site Descriptions
1902	Developed with four residences (2227-2237 Chestnut Street and 2230 Adeline Street)	NORTHWEST: Residences and Oakland Cleaning and Dying Works NORTH: Vacant land and a dwelling EAST: Chestnut Street, followed by vacant land SOUTH: Two dwellings WEST: Adeline Street, followed by two dwellings and vacant land
1912	The southern portion of the property is developed with three dwellings along Chestnut Street and vacant land along Adeline Street (3433-3447 Chestnut Street and 2223-2227 Chestnut Street which appear to be older addresses). The northern portion of the subject property is occupied by the existing building occupied by sheet metal works, with an elevated "dist tk" (presumed distribution tank) and "melt pots"on-site (3509-3527 Chestnut Street and 2233-2237 Chestnut Street which appear to be older addresses). The northwestern portion of the property is developed with two residences 3500-3504 Adeline Street and 2230-2232 Adeline Street which appears to be older addresses)	NORTHWEST: Residences and a cleaning business NORTH: Stores and a french laundry in the location of what is now 35th Street EAST: No significant changes SOUTH: The existing dwellings WEST: No significant changes
1951 1952 1954	The southern subject property building is occupied by the existing subject property building occupied by a garage and warehouse with a box storage yard along Adeline Street (3447 Chestnut Street). The northern subject property building is occupied by Belfast Beverage Co and Pepsi-Cola Bottling Co for use as an office and warehouse in the existing subject property building (3501-3521 Chestnut Street) A dwelling is located on the northwestern portion of the property (3504 Adeline Street)	NORTHWEST: A store with pressing and and cleaners and dyers and two residences NORTH: Extension of the subject property building comprised of soda bottling works EAST: Chestnut Street, followed by the California Hotel with auto repairing on-site with oil and battery service. A Gas station is also located on the site in what is now 35th Street just east of the intersection with San Pablo Avenue SOUTH: No significant changes WEST: Adeline Street, followed by dwellings

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Year(s)	Subject Property Description (Listed Address)	Adjacent Site Descriptions
1959	The southern subject property building and yard are occupied by a motor "FRT" station (3442 Adeline Street and 3447 Chestnut Street). The northern subject property building is occupied by an electrical supplies warehouse (3501-3521 Chestnut Street). A residence is also located on the northwestern portion of the property (3504 Adeline Street).	NORTHWEST: A store with pressing and dry cleaning and two residences NORTH: Vacant land EAST: Chestnut Street, followed by the California Hotel with auto repairing on-site with oil and battery service SOUTH: No significant changes WEST: No significant changes
1962 1967 1970	No significant changes	NORTHWEST: No significant changes NORTH: 35th Street, followed by the MacArthur Freeway EAST: No significant changes SOUTH: No significant changes WEST: No significant changes

Based on the review of Sanborn maps and city directories, the northern subject property building was occupied by Yager Sheet Metal Co from at least 1912 to 1933. In the 1912 Sanborn maps, an elevated distribution tank and melting pots are depicted in this building. It is likely that sheet metal manufacturing activities involved the use of substances containing heavy metals, VOCs, and/or SVOCs. These operations were conducted on-site at a time with little or no regulatory oversight, and no other records were found relating to this business. Based on the length of time the subject property was occupied by this sheet metal company and the documented contamination identified in this area of the property (please refer to Section 4.1 for discussion), the former use of the subject property by Yager Sheet Metal Co represents a REC.

Based on the review of Sanborn maps and city directories, the subject property was occupied by the Belfast Bottling Co and the Pepsi Cola Bottling Co from at least 1936 to 1955. The northern subject property building appears to have been primarily used as a warehouse and an office. From at least 1951 to 1955, the southern subject property building was occupied as a truck garage, presumably for the bottling companies. From at least 1959 to 1970, the southern building was occupied for truck repair activities while the northern building was occupied by an electrical supplies warehouse. Garages and truck repair facilities typically store and utilize solvents and petroleum products on site. According to the subject property owner, Mr. Bill Mouat, he was not aware of any lifts, pits, sumps, or other subsurface features inside the southern subject property building, although he did indicate that the building had to be significantly cleaned out when it was purchased by his family in the 1980s, as the truck company had left materials behind and the building in poor condition. Based on the length of time the subject property was occupied by the truck repair company and the documented contamination identified on-site (please refer to Section 4.1 for discussion), the former use of the subject property represents a REC.

Please refer to Section 4.1 for discussion of a UST formerly located on the subject property.

The adjacent site to the northwest was occupied by a dry cleaning business from at least 1902 to 1970. Please refer to Section 5.1 for discussion of this adjacent site.

The area directly adjacent to the north of the subject property in the location of what is now 35th Street was historically occupied by a french laundry in at least 1912. AEI understands that prior

to the 1930s, dry cleaning solvents included camphene, benzene, kerosene, and gasoline. Based on the length of time since occupancy and the presumed use of non-chlorinated solvents, this former adjacent dry cleaner is not expected to represent a significant environmental concern.

The adjacent site to the east was formerly occupied by an auto repair business. In addition, the area to the north of this property, in what is now 35th Street (just west of San Pablo Avenue) was formerly occupied by a gas station from at least 1928 to 1954. Please refer to Section 5.1 for discussion of this adjacent site.

3.3 City Directories

A search of historical city directories was conducted for the subject property utilizing EDR. Directories were reviewed in approximate five-year increments from 1920 to 2014. The following table summarizes the results of the city directory search.

Adeline Street

Year(s)	Address - Occupant Listed
1925, 1928, 1933, 1938, 1943, 1950, 1955, 1962	3504 Adeline Street - Residential occupant
1967	3442 Adeline Street - Enterprise Trucking Service 3504 Adeline Street - Residential occupant
1970	3504 Adeline Street - Residential occupant

Chestnut Street (also listed as Chestnut Way)

Year(s)	Address - Occupant Listed
1920	3509 Chestnut Way - Yager Sheet Metal Co 3519 Chestnut Way - Residential occupant
1925	3433 Chestnut Way - Residential occupant 3509 Chestnut Way - Yager Sheet Metal Co
1928, 1933	3433 Chestnut Way - Residential occupant 3447 Chestnut Way - Residential occupant 3521 Chestnut Way - Yager Sheet Metal Co
1938	3501 Chestnut Way - Jerome and Horner 3521 Chestnut Way - New Century Beverage Co, Belfast Dry Ginger Ale
1943	3521 Chestnut Street - Pepsi Cola Bottling Co Rudolph Campodonico manager
1945, 1950, 1955	3521 Chestnut Way - Pepsi Cola Bottling Co, New Century Beverage Co, Belfast Beverages Inc
1962, 1967	3521 Chestnut Street - National Electric Supply Co
1986	3451 Chestnut Way - G & Engineering
1991	3499 Chestnut Way - Victorian Realty

If listed above, XXXX indicates that the address is valid but there is no occupancy information available.

Due to copyright restrictions, copies of city directories are not included in the appendices.

3.4 Historical Topographic Maps

Based on the quality of information obtained from other sources, historical topographic maps were not reviewed as a part of this assessment.

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3.5 CHAIN OF TITLE

Based on the quality of information obtained from other sources, a chain of title search was not performed as part of this assessment.

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4.0 REGULATORY AGENCY RECORDS REVIEW

Local and state agencies, such as environmental health departments, fire prevention bureaus, and building and planning departments are contacted to identify any current or previous reports of hazardous substance use, storage, and/or unauthorized releases that may have impacted the subject property. In addition, information pertaining to AULs, defined as legal or physical restrictions, or limitations on the use of, or access to, a site or facility, is requested.

4.1 LOCAL ENVIRONMENTAL HEALTH DEPARTMENT AND/OR STATE ENVIRONMENTAL AGENCY

Agency	Date Contacted	Method of Contact	Name & Title of Contact	Agency Response
Alameda County Department of Environmental Health (ACDEH) Certified Unified Program Agency (CUPA) and Local Oversight Program (LOP)	July 30, 2018	Email (CUPA)/Website (LOP)	Ms. Yvonne Cummings	Response received, no records on file with CUPA. Records on-file with LOP discussed below.

Based on information obtained from the Alameda County LOP and the GeoTracker website, on February 22, 2000, Clearwater Group (Clearwater) reportedly removed a 3,750-gallon steel single-wall underground storage tank (UST) from a location immediately adjacent to the eastern property boundary. Sidewall soil samples (NW and SE) and a grab groundwater sample (Pit Water) were collected from the tank excavation for chemical analysis. Each of the two sidewall soil samples and the one groundwater sample yielded elevated concentrations of petroleum hydrocarbons suggesting a release of petroleum hydrocarbons had occurred from the former UST.

Subsurface investigations to characterize the lateral and vertical extent of petroleum hydrocarbons released from the former UST commenced in 2006. Between 2006 and 2009, a total of 43 soil borings were advanced by Clearwater and AEI for the collection of soil and grab groundwater samples from both on-site and off-site locations. In April 2009, seven groundwater monitoring wells (MW-1 through MW-7) were installed. Each well was installed with a screened interval from 7 to 17 feet bgs. Periodic groundwater monitoring of the groundwater in each of the monitoring wells has been performed since their installation.

In March and April of 2009 AEI conducted an interim remedial excavation immediately down-gradient of the former UST, inside the southern subject property building (see Figure 2). Approximately 1,100 tons of petroleum impacted soil was removed from a roughly 35 feet wide, 75 feet long, and 12 feet deep area. Confirmation soil samples were collected from ten locations along the excavation sidewalls at depths of between 5.5 and 8 feet bgs and 11.5 and 12 feet bgs and from four locations along the base of the excavation. Five dewatering wells, and three horizontal soil vapor extraction wells were installed during excavation and subsequent backfilling operations. The SVE wells were installed at a depth of seven-feet bgs along the north, east, and south sides of the excavation. Following evaluation of soil vapor concentrations in the horizontal vapor extraction wells, SVE-1 through SVE-3 and BF-4 were filled in place with neat cement grout on January 19, 2010.

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In May 2009, one sparge well (IW-1) was installed within the former UST location for potential remedial activities. No further remedial activities involving this well have been conducted.

In October 2016, permanent soil vapor probes VB-6 through VB-16 were installed and soil boring 32 was advanced. A total of 9 soil vapor and 24 soil samples were collected as part of this investigation. The findings of this investigation identified several data gaps and that benzene was present above the soil gas criteria as defined by the California Environmental Protection Agency's (Cal EPA) Low Threat Underground Storage Tank Case Closure Policy dated August 17, 2012 (LTCP).

On September 12, 2017, AEI issued a *Report on Data Gap Investigation, Updated Conceptual Site Model, and Closure Evaluation* report for the subject property. In May 2017, additional soil vapor, soil, and groundwater samples were collected on-site. TPH-g and TPH-d were identified in the soil sample collected from 10 feet bgs at concentrations of 140 and 6.6 milligrams of analyte per kilogram of sample (mg/kg) respectively. TPH-g and TPH-d were identified in the soil sample collected from the 13 feet bgs at concentrations of 23 and 1.1 mg/kg. Naphthalene was present at a 0.31 mg/kg in the sample collected from 10 feet bgs. No BTEX or fuel oxygenates were reported as present above the laboratory reporting limit in either of the soil samples analyzed as part of this investigation. TPH-g and TPH-d were identified in each of the grab groundwater samples collected ranging 160 µg/L to 9,500 µg/L of TPH-g and 65 µg/L to 4,400 µg/L of TPH-d. Benzene was present above the laboratory reporting limit in each of the samples collected, except for VB-18, with a maximum reported concentration of 600 µg/L in VB-21. Toluene, ethylbenzene, and xylenes were reported as present in grab groundwater samples collected as part of the data gap investigation at maximum concentrations of 5.6 µg/L, 150 µg/L, and 25 µg/L respectively. Benzene was reported as present above the laboratory reporting limit in 10 of the 13 the soil vapor samples analyzed. In addition, TPH-g was present above the laboratory reporting limit in each of the 10 soil vapor samples collected as part of this investigation. Most samples exhibited TPH-g concentrations in the range of thousands to tens of thousands of µg/m3. Ethylbenzene was reported as present in nine soil vapor samples at a maximum concentration of 385 µg/m3 in VB-9 and toluene and xylenes were reported as present in several soil vapor samples at maximum concentrations of 847 µg/m3 in VB-9 and 1,288 µg/m3 in VB-2. MTBE was not reported as present in any samples except for in VB-15 which had a reported MTBE concentration of 95.1 µg/m3.

Based on these findings AEI concluded that additional investigation is necessary to determine if soil, soil vapor, and groundwater contamination observed in VB-21 (LNAPL, TPH-g, TPH-d, and benzene) is from an on-site or off-site source.

In January 2018, AEI conducted routine semi-annual groundwater monitoring at the subject property and also conducted soil vapor sampling. Based on the results of this investigation, AEI recommended one additional semi-annual groundwater monitoring event to confirm that concentration trends in groundwater remain compliant with requirements for low-threat closure, and continued semi-annual soil vapor sampling to evaluate concentration trends.

Based on the documented on-site soil, soil vapor, and groundwater contamination, the open LUST case represents a REC.

4.2 Fire Department

Agency	Date Contacted	Method of Contact	Name & Title of Contact	Agency Response
Oakland Fire Department (OFD)	July 30, 2018	Email	Ms. Celestina Pacheco	Response received, no records on file as all records have been transferred to ACDEH CUPA

4.3 Building Department

Agency	Date Contacted	Method of Contact	Name & Title of Contact	Agency Response
Oakland Building Department (OBD)	August 21, 2018	Office visit	Employee with Records Division	Records discussed below

Records Summary - Adeline Street

Year(s)	Owner/Applicant	Description of Permit and Building Use
Date not legible	Frank (?) (3442 Adeline Street)	Alterations to warehouse
1966	Illegible (3504 Adeline Street)	Repairs to single family dwelling
1975	Illegible (3504 Adeline Street)	Permit to wreck a dwelling
1992	Not listed (3444 Adeline Street)	Construct fence
1995	Not listed (3500 Adeline Street)	Utility excavation and installation

Records Summary - Chestnut Street (Chestnut Way)

Year(s)	Owner/Applicant	Description of Permit and Building Use
1936	New Century Beverage Co (3521 Chestnut Street)	Alterations from vacant to warehouse
1937	New Century Beverage Co (3521 Chestnut Street)	Warehouse to a beverage plant
1951	Belfast Beverage (3447 Chestnut Street)	Permit to construct a new building for storage
1954	Belfast Beverage (3521 Chestnut Street)	From bottle storage to empty bottle storage
1964	National Electric Co (3521 Chestnut Street)	New window and new door in warehouse and shop
2000	Not listed (3499 Chestnut Street)	Excavation of tank
2007	Not listed (3499 Chestnut Street)	Trash and debris in front of property
2010	Not listed (3499 Chestnut Street)	Zoning clearance for custom design tattoo studio

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Please refer to Section 4.1 for discussion of the UST removed from the subject property in 2000.

4.4 Planning Department

Agency	Date Contacted	Method of Contact	Name & Title of Contact	Agency Response
Oakland Planning Department (OPD)	August 21, 2018	Office visit	Employee with Planning Department	No evidence indicating the existence of AULs on file for the subject property

4.5 Assessor's Office

Agency	Date Contacted	Method of Contact	Name & Title of Contact	Agency Response
Alameda County Assessor's Office	July 30, 2018	Website	N/A	Information obtained is discussed below

Records Summary

APN	5-478-5-1 and 5-478-20
Acreage	Not provided
Construction Date	Not provided
Building Square Footage	Not provided
Current Owner	Not provided

4.6 Other Agencies Searched

Agency	Date Contacted	Method of Contact	Name & Title of Contact	Agency Response
CA State Water Resources Control Board (SWRCB) Geotracker	July 30, 2018	Website	N/A	Online database searched, records discussed below
CA Department of Toxic Substances Control (DTSC) Hazardous Waste Tracking System (HWTS)	July 30, 2018	Website	N/A	Online database searched, records discussed below
CA DTSC Envirostor	July 30, 2018	Website	N/A	Online database searched, no records on file
Bay Area Air Quality Management District (BAAQMD)	July 30, 2018	Email	Ms. Rochelle Reed	No records on file

The subject property was listed on the GeoTracker website as an open LUST case. please refer to Section 4.1 for discussion.

In addition, the subject property address 3442 Adeline Street was listed on the DTSC HWTS for generation of tons of unspecified oil containing waste and an empty container in 2000, likely

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in association with the UST removed from the subject property. Please refer to section 4.1 for discussion.

4.7 Oil and Gas Wells

Agency	Date Referenced	Resource	Oil or gas wells located within 500 feet of the subject property
California Division of Oil, Gas, and Geothermal Resources (CA DOGGR)	August 21, 2018	CA DOGGR Map	No

4.8 Oil and Gas Pipelines

Agency	Date Referenced	Resource	Pipelines located within 500 feet of the subject property
National Pipeline Mapping System (NPMS)	August 21, 2018	NPMS Public Map Viewer	No

4.9 State Environmental Superliens

In accordance with our approved scope of services, AEI did not assess whether the subject property is subject to any state environmental superliens.

4.10 State Property Transfer Laws

In accordance with our approved scope of services, AEI did not assess whether the subject property is subject to any state property transfer laws.

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5.0 REGULATORY DATABASE RECORDS REVIEW

AEI contracted EDR to conduct a search of publicly available information from federal, state, tribal, and local databases containing known and suspected sites of environmental contamination and sites of potential environmental significance. Data gathered during the current regulatory database search is compiled by EDR into one regulatory database report. Location information for listed sites is designated using geocoded information provided by federal, state, or local agencies and commonly used mapping databases with the exception of "Orphan" sites. Due to poor or inadequate address information, Orphan sites are identified but not geocoded/mapped by EDR, rather, information is provided based upon vicinity zip codes, city name, and state. The number of listed sites identified within the approximate minimum search distance from the federal and state environmental records database listings specified in ASTM Standard E1527-13 is summarized in Section 5.1, along with the total number of Orphan sites. A copy of the regulatory database report, which includes detailed descriptions of the databases noted below, is included in Appendix C of this report.

In determining if a listed site is a potential environmental concern to the subject property, AEI generally applies the following criteria to classify the site as lower potential environmental concern: 1) the site only holds an operating permit (which does not imply a release), 2) the site's distance from, and/or topographic position relative to, the subject property, and/or 3) the site has recently been granted "No Further Action" by the appropriate regulatory agency.

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5.1 RECORDS SUMMARY

Database	Search Distance (Miles)	Subject Property Listed	Listings Within Search Distance	Listings Determined To Warrant Additional Discussion Below
NPL	1.0	No	0	0
DELISTED NPL	0.5	No	0	0
SEMS/CERCLIS	0.5	No	2	0
SEMS-ARCHIVE/CERCLIS NFRAP	0.5	No	2	0
RCRA CORRACTS	1.0	No	2	0
RCRA-TSDF	0.5	No	0	0
RCRA LQG, SQG, CESQGs, NLR	SP/ADJ	No	0	0
US ENG CONTROLS	SP	No	0	0
US INST CONTROLS	SP	No	0	0
ERNS	SP	No	0	0
STATE/TRIBAL HWS	1.0	No	58	0
STATE/TRIBAL SWLF	0.5	No	0	0
STATE/TRIBAL REGISTERED STORAGE TANKS	SP/ADJ	No	0	0
STATE/TRIBAL LUST	0.5	Yes	69	3
STATE/TRIBAL EC and IC	SP	No	0	0
STATE/TRIBAL VCP	0.5	No	3	0
STATE/TRIBAL BROWNFIELD	0.5	No	1	0
ORPHAN	N/A	No	6	0

Database	Search Distance (Miles)	Subject Property Listed	Listings Within Search Distance	Listings Determined To Warrant Additional Discussion Below
ADDITIONAL ENVIRONMENTAL RECORD SOURCES	SP/ADJ	Yes	19	19

Facility Name	Zimmerman Property
Address	3442 Adeline Street
Distance & Direction	Subject Property
Hydrologic Position	N/A
Databases Listed	LUST, Alameda County CS, CERS, RGA LUST (three times), FINDS, HAZNET
Comments	The subject property was listed in the regulatory database as a open LUST case for removal of a former UST in 2000, and for associated hazardous waste generated in connection with UST removal activities. Please refer to Section 4.1 for discussion.

Facility Name	Jos Champion, City of Paris Cleaning and Dry
Address	3516 Adeline Street
Distance & Direction	Directly adjacent to the northwest
Hydrologic Position	Cross-gradient
Databases Listed	Hist UST, EDR Hist Cleaner, LUST, Alameda County CS, SWEEPS UST, CA FID UST, HIST Cortese, CERS

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Comments	Based on the review of historical records, this adjacent site to the northwest was occupied by a dry cleaning facility from at least 1902 to 1970. AEI reviewed records on the GeoTracker website related to this site and an associated lUST case, Based on these records, four underground storage tanks (USTs) used to store Stoddard Solvent were present at the site. Three of these tanks (one 750-gallon and two 1,000-gallon USTs) were excavated and removed from the site in October 1990. Soil samples collected from underneath the former USTs identified contamination. In August 1991, the eastern portion of the UST pit was over-excavated to remove contaminated soil. In that process, a 250-gallon UST containing Stoddard Solvent was encountered and subsequently removed. The stockpiled soil was remediated onsite and was used to backfill the excavation. To assess whether the groundwater has been contaminated, three groundwater monitoring wells were installed in October 1992. Stoddard solvent was detected in groundwater samples collected from each well. In March 1998, six exploratory borings were installed to collected soil and groundwater samples downgradient near the excavation boundary and across the 35th Street. Groundwater contamination was detected on and off-site. In in 2011, 2013, and 2015 additional investigation of soil, soil vapor, and groundwater was performed to verify natural attenuation. The 2015 soil vapor investigation was conducted to determine the risk of vapor intrusion (methane) into the live-work space on-site. On March 3, 2017, the site was granted closure when Alameda County DEH ACDEH made the determination that there is low potential threat to human health and safety and to the environment and water quality objectives will be achieved within a reasonable time frame. Based on the most recent groundwater monitoring report from 2015, the plume from this site spreads to the northwest into 35th Street and Adeline Street (away from the subject property). In addition, the nearest well sampled in 2015 was an industrial well located at this site. The well (W-IND) was below the laboratory reporting limit for the COCs (benzene, Stoddard Solvent, PHG, and MTBE). Based on this information, these listings are not expected to represent a significant environmental concern.

Facility Name	Cahon Associates Inc, John Marcum
Address	3501 and 3515 San Pablo Avenue
Distance & Direction	Adjacent to the east beyond Chestnut Street
Hydrologic Position	Up-gradient
Databases Listed	LUST, Alameda County CS, EMI, Hist Cortese, CERS (3501 San Pablo Avenue) EDR Hist Auto (3515 San Pablo Avenue - historical address)

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Comments	Based on the review of historical records, the adjacent site to the east (in the location that is now 35th Street just west of San Pablo Avenue) was occupied by a gas station from at least 1928 to 1954. The area of the former gas station was paved over in the 1960s as 35th Street during construction of the adjacent freeway. Review of the GeoTracker website, Alameda County LOP website, and the regulatory database indicates that this site has not been investigated for a release. Based on the proximity to the subject property, documented groundwater flow direction, and and the unknown management and/or removal practices utilized in connection with the USTs, a release at this adjacent site, if any, has the potential to impact the subject property. Due to the historical presence of a UST and historical industrial activities at the subject property, the potential exists that the release at this adjacent site (if any) and the documented release at the subject property could be commingled, or that additional costs may be incurred in determining the responsible party. Therefore, this adjacent former gas station is considered a REC. The adjacent site to the east, the California Hotel located at 3501 San Pablo Avenue, was identified as a closed LUST case in the regulatory database. Based on information obtained from the Alameda County LOP website and the regulatory database, on November 19, 1999, one 1,500 gallon bunker fuel UST was removed from the sidewalk just west of a former building at 3501 San Pablo Avenue (see Figure 2 for location). Initial soil samples collected beneath the north and south ends of the UST (approximately 11 feet bgs) identified TPHg, TPHd, Oil and Grease, and Motor Oil. BTEX was not identified. Soil was over excavated to between 14.5 and 16.5 feet bgs. The fate of the excavated soil is unknown. Groundwater was not encountered at the site during excavation activities, soil sampling, or tank removal. The case was granted closure on October 28, 1998 based on the presumed lack of groundwater contamination. However, based on subsurface investigations and groundwater monitoring performed at the subject property, shallow groundwater is expected to be present between 3 and 21 feet bgs, and therefore could have been impacted from the release. Based on the review of Sanborn maps, AEI identified this former building as occupied by an auto repair facility from at least 1951 to 1970. By the 1990s, this building had been demolished and this area is now a community garden. Based on the lack of groundwater data, the limited soil sampling performed at this site, the documented flow of groundwater, and the proximity to the subject property, the release identified at this site has the potential to impact the subject property. Due to the historical presence of a UST and historical industrial activities at the subject property, the potential exists that the release at this adjacent site and the documented release at the subject property could be commingled, or that additional costs may be incurred in determining the responsible party. In addition, the release identified at this site could have originated from the former gas station to the north (discussed above). Therefore, this adjacent site is considered a REC.

5.2 Vapor Migration

AEI reviewed reasonably ascertainable information for the subject and nearby properties, including a regulatory database, files for nearby release sites, and/or historical documentation, to determine if potential vapor-phase migration concerns may be present which could impact the

subject property.

Vapor migration concerns for the subject property are discussed in Section 4.1.

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6.0 INTERVIEWS AND USER PROVIDED INFORMATION

6.1 INTERVIEWS

Pursuant to ASTM E1527-13, the following interviews were performed during this assessment in order to obtain information indicating RECs in connection with the subject property.

6.1.1 OWNER AND KEY SITE MANAGER

Relation to Property	Name	Date Interviewed	Method of Contact	Year First Associated w/ Property	Notes
Owner/Owner Representative	Mr. Bill Mouat	August 14, 2018	In Person	1980s	Interviewed; see Interview Summary table below
Key Site Manager	Mr. Bill Mouat	August 14, 2018	In Person	1980s	Interviewed; see Interview Summary table below

Interview Summary

Question	Owner (Representative) Response/Comment	Key Site Manager Response/ Comment
Do you have any knowledge of USTs, clarifiers or oil/water separators, sumps, or other subsurface features?	Yes	Yes
Do you have any knowledge of previous environmental investigations conducted on site?	Yes	Yes
Do you have any knowledge of current or past industrial operations and/or other operations which would involve the use of hazardous substances and/or petroleum products?	Yes	Yes
Are you aware of any known plans for site redevelopment or change in site use?	No	No

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Question	Owner (Representative) Response/Comment	Key Site Manager Response/ Comment
Are you aware of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property?	No	No
Are you aware of any pending, threatened or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property?	No	No
Are you aware of any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?	No	No
Are you aware of any incidents of flooding, leaks, or other water intrusion, and/or complaints related to indoor air quality?	No	No
Additional information provided:	Mr. Mout explained that the subject property was previously occupied by a bottling plant and by a truck repair facility. He also explained that a UST was removed from the site in 2000, and environmental investigations have been conducted on-site since that time. Please refer to Section 4.1 for discussion.	Mr. Mout explained that the subject property was previously occupied by a bottling plant and by a truck repair facility. He also explained that a UST was removed from the site in 2000, and environmental investigations have been conducted on-site since that time. Please refer to Section 4.1 for discussion.

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6.1.2 Past Owners, Operators, and Occupants

AEI did not attempt to interview past owners, operators, and occupants of the subject property because information from these sources would likely be duplicative of information already obtained from other sources.

6.1.3 Interview with Others

Information obtained during interviews with local government officials is incorporated into the appropriate segments of this report.

6.2 User Provided Information

User provided information is intended to help identify the possibility of RECs in connection with the subject property. According to ASTM E1527-13 and the EPA Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), certain items should be researched by the prospective landowner or grantee, and the results of such inquiries may be provided to the Environmental Professional. The responsibility for qualifying for LLPs by conducting the inquiries ultimately rests with the User, and providing the information to the Environmental Professional would be prudent if such information is available.

The User did not complete the ASTM User Questionnaire or provide the User information to AEI. AEI assumes that qualification for the LLPs is being established by the User in documentation outside of this assessment.

Question	Response/ Comment
1. Environmental liens that are filed or recorded against the property (40 CFR 312.25) Did a search of recorded land title records (or judicial records where appropriate) identify any environmental liens filed or recorded against the property under federal, tribal, state or local law?	Information not provided
2. Activity and use limitations that are in place on the property or that have been filed or recorded against the property (40 CFR 312.26(a)(1)(v) and vi)). Did a search of recorded land title records (or judicial records where appropriate) identify any AULs, such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded against the property under federal, tribal, state or local law?	Information not provided
3. Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CFR 312.28). Do you have any specialized knowledge or experience related to the property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?	Information not provided
4. Relationship of the purchase price to the fair market value of the property if it were not contaminated (40 CFR 312.29). Does the purchase price being paid for this property reasonably reflect the fair market value of the property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the property?	Information not provided

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Question	Response/ Comment
5. Commonly known or reasonably ascertainable information about the property (40 CFR 312.30). Are you aware of commonly known or reasonably ascertainable information about the property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example: (a) Do you know the past uses of the property? (b) Do you know of specific chemicals that are present or once were present at the property? (c) Do you know of spills or other chemical releases that have taken place at the property? (d) Do you know of any environmental cleanups that have taken place at the property?	Information not provided
6. The degree of obviousness of the presence or likely presence of contamination at the property, and the ability to detect the contamination by appropriate investigation (40 CFR 312.31). Based on your knowledge and experience related to the property, are there any obvious indicators that point to the presence or likely presence of contamination at the property?	Information not provided

6.3 Previous Reports and Other Provided Documentation

AEI has conducted subsurface investigations and groundwater monitoring at the subject property. Please refer to Section 4.1 for discussion.

6.4 Environmental Lien Search

In accordance with our approved scope of services, an environmental lien search was not performed as part of this assessment.

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7.0 SITE RECONNAISSANCE

Site Reconnaissance Date	August 14, 2018
AEI Site Assessor(s)	Elizabeth Scudero
Property Escort(s)/ Relationship(s) to Property	Mr. Mouat/Key Site Manager and Owner
Units/Areas Observed	AEI was granted access into both buildings on-site as well as the temporary office on-site and exterior areas of the property.
Area(s) not accessed and reason(s)	Due to the large volume of stored products within the warehouse portion of the building, direct visual observation of many of the floor and wall areas of the building was not possible. Features may be present that were not observed during AEI's field reconnaissance. Due to the turf and other floor coverings inside the southern building, direct visual observation of many of the floor areas of the building was not possible. Features may be present that were not observed during AEI's field reconnaissance. Due to the vehicles and stored materials in the storage yard, direct visual observation of much of the ground area was not possible. Features may be present that were not observed during AEI's field reconnaissance. Refer to Section 1.5 for discussion of limiting conditions.
Other Physical Constraints	None

Reconnaissance Findings Summary

Feature	Observed on Subject Property (see Section 7.1)	Observed on Adjacent Property (see Section 7.2)
Regulated Hazardous Substances/Wastes and/or Petroleum Products in Connection with Property Use	✔	
Aboveground/Underground Hazardous Substance or Petroleum Product Storage Tanks (ASTs/USTs)		
Hazardous Substance and Petroleum Product Containers Not in Connection with Property Use		
Unidentified Substance Containers		
Electrical or Mechanical Equipment Likely to Contain Fluids		✔
Interior Stains or Corrosion		
Strong, Pungent, or Noxious Odors		
Pools of Liquid		
Drains, Sumps, and Clarifiers	✔	
Pits, Ponds, and Lagoons		
Stained Soil or Pavement	✔	
Stressed Vegetation		
Solid Waste Disposal or Evidence of Fill Materials		
Waste Water Discharges		
Wells	✔	
Septic Systems		

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Feature	Observed on Subject Property (see Section 7.1)	Observed on Adjacent Property (see Section 7.2)
Biomedical Wastes		
Other	✔	

7.1 Subject Property Reconnaissance Findings

During the site reconnaissance, AEI observed the items listed in the above Reconnaissance Findings Summary table, which are further discussed below.

7.1.1 Regulated Hazardous Substances/Wastes and/or Petroleum Products in Connection with Property Use

Hazardous substances consisting of paints, varnishes, compressed gasses, and other flammable contractor's materials were observed stored inside the northern subject property building. No spills, staining, or sign of inappropriate material handling was observed. Based on the relatively small quantities observed, the lack of use on-site, and the good housekeeping observed, the storage of these substances on the subject property is not expected to represent a significant environmental concern.

AEI noted a small propane container on-site for use with a forklift. Should an accidental release of propane occur, the liquid would immediately evaporate upon contact with ambient air. Due to the nature of the material, the presence of the propane does not present a significant environmental concern.

7.1.2 Drains, Sumps, and Clarifiers

Several floor drains were noted within the restrooms in the southern subject property building. No storage of hazardous materials or petroleum products appeared present near the drains. Based on these observations, the presence of the drains is not expected to represent a significant environmental concern.

7.1.3 Stained Soil and Pavement

Minor amounts of oily surface staining were observed in the parking area. The staining appears to be from leaking vehicles and is surficial in nature. Based on the small size and the surficial nature of the staining, it is not expected to represent a significant environmental concern.

Minor amounts of oily surface staining were observed below the forklift parked on-site. Absorbent had been scattered across the staining at the time of the site visit. The staining was located on concrete, and no drains were observed in the vicinity. Based on the small size and surficial nature of the staining, it is not expected to represent a significant environmental concern.

7.1.4 Wells

During on-site reconnaissance, AEI observed monitoring wells throughout the subject property building and the storage yard. The wells are located on-site as part of ongoing groundwater monitoring activities. Please refer to Section 4.1 for discussion.

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7.1.5 Other

An abandoned rail spur was observed in the sidewalk directly adjacent to the east of the northern subject property building. The spur appeared to have led into the subject property building at one time. Railroad spurs represent environmental concerns due to the historical application of oils containing PCBs, herbicides, and arsenic for pest and weed control, as well as the potential presence of creosote on the rail ties, and the historical common practice of using coal cinders for track fill material. The area of the former rail spur is currently paved over, prohibiting any direct contact with near surface soils. However, in the event this area of the subject property is redeveloped for residential use, soil sampling may be warranted.

7.2 Adjacent Property Reconnaissance Findings

During the site reconnaissance, AEI observed the items listed in the above Reconnaissance Findings Summary table, which are further discussed below.

7.2.1 Electrical or Mechanical Equipment Likely to Contain Fluids

Toxic PCBs were commonly used historically in electrical equipment such as transformers, fluorescent lamp ballasts, and capacitors. According to United States EPA regulation 40 CFR, Part 761, there are three categories for classifying such equipment: <50 ppm of PCBs is considered "Non-PCB"; between 50 and 500 ppm is considered "PCB-Contaminated"; and >500 ppm is considered "PCB-Containing". Pursuant to 15 U.S.C. 2605(e)(2)(A), the manufacture, process, or distribution in commerce or use of any polychlorinated biphenyl in any manner other than in a totally enclosed manner was prohibited after January 1, 1977.

Transformers

The management of potential PCB-containing transformers is the responsibility of the local utility or the transformer owner. Actual material samples need to be collected to determine if transformers are PCB-containing.

Several pole-mounted transformers were observed on the adjacent sites during the site reconnaissance. No spills, staining, or leaks were observed on or around the transformers. Based on the good condition of the equipment, the transformers are not expected to represent a significant environmental concern.

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8.0 NON-ASTM SERVICES

8.1 Asbestos-Containing Building Materials

Asbestos is the name for a group of naturally occurring silicate minerals that can be separated into fibers. The fibers are strong, durable, and resistant to heat and fire. They are also long, thin and flexible, so they can even be woven into cloth. Because of these qualities, asbestos has been used in thousands of consumer, industrial, maritime, automotive, scientific and building products. During the 20th century, some 30 million tons of asbestos have been used in industrial sites, homes, schools, shipyards and commercial buildings in the United States. Commercial use of ACM began in the early 1900's and peaked in the period between 1940 and into the 1970's. Common ACMs include pipe-covering, insulating cement, insulating block, refactory and boiler insulation materials, transite board, fireproofing spray, joint compound, vinyl floor tile, ceiling tile, mastics, roofing products, and duct insulation for HVAC applications. Inhalation of asbestos fibers can result in deleterious health effects.

The potential for ACM was evaluated based the USEPA Guidance Document: Managing Asbestos in Place - A Building Owner's Guide to Operations and Maintenance Programs for Asbestos-Containing Materials (the Green Book). In 1973 the NESHAPS banned the use of most spray-applied surfacing ACM, specifically asbestos containing spray-on fireproofing and insulation. Subsequent revisions to this regulation in 1975 and 1978 effectively eliminated the use of friable pre-molded pipe, boiler, turbine, and duct insulation; and the spray application of friable asbestos-containing materials for all uses in buildings. In 1989 the EPA issued regulations to ban some asbestos-containing products and phase out most others over a multi-year period. The "Ban and Phase-Down" rule was challenged in court and the regulation remanded to the agency. As a result, any asbestos-containing products then "in commerce" would not be banned. Those not in commerce would be banned. Those materials "banned" could not be sold. It did not affect such materials already installed, or in use. Most US firms voluntarily ceased production of asbestos containing building materials not covered by the aforementioned Federal bans by the mid-1980's. In 1994, the OSHA determined that employers and building owners are required to treat installed thermal system installation and sprayed on and troweled-on surfacing materials, as well as vinyl or asphalt flooring material, as ACM in buildings constructed no later than 1980 until tested by laboratory analysis to prove otherwise.

The information below is for general informational purposes only and does not constitute an asbestos survey. In addition, the information is not intended to comply with federal, state or local regulations in regards to ACM.

Due to the age of the subject property buildings, there is a potential that ACMs are present. A limited list of typical suspect ACMs is included in the following table:

Material Type	Location
Plaster (acoustical and smooth)	Walls and ceilings
Ceiling tile	Ceiling systems
Thermal systems insulations, packings, and gaskets	Heating systems, cooling systems, domestic and heating and cooling piping, ductwork, and other equipment
Floor tile and associate mastics, flooring felts, and papers (under hardwood/other)	Floors
Vinyl sheet flooring and adhesives	Floors
Cove base and associated mastics	Walls
Ceramic tile adhesives and grouts	Walls, floors, and ceilings
All adhesives	Mirrors, wall coverings, construction, etc.
Grout and caulking	Windows and doors
Gypsum board, tape, and joint compound	Wall and ceiling systems
Insulation materials	Walls, ceilings, and attic spaces
Roofing materials (felts, rolled, shingle, flashings, adhesives, tar, and insulations)	Roof and parapet wall systems
Brick and block, mortars	Walls

The observed suspect ACMs at the subject property were in good condition at the time of the site reconnaissance and are not expected to pose a health and safety concern to the occupants of the subject property at this time. Based on the potential presence of ACMs, AEI recommends the implementation of an O&M Plan which stipulates that the repair and maintenance of damaged materials should be performed to protect the health and safety of the building occupants. In the event that building renovation or demolition activities are planned, a thorough asbestos survey to identify asbestos-containing building materials is required in accordance with the EPA NESHAP 40 CFR Part 61 prior to demolition or renovation activities that may disturb suspect ACMs.

8.2 Lead-Based Paint

LBP is defined as any paint, varnish, stain, or other applied coating that has ≥1 mg/cm² (5,000 µg/g or 5,000 ppm) or more of lead by federal guidelines; state and local definitions may differ from the federal definitions in amounts ranging from 0.5 mg/cm² to 2.0 mg/cm². Section 1017 of the Housing and Urban Development (HUD) Guidelines, Residential Lead-Based Paint Hazard Reduction Act of 1992, otherwise known as "Title X", defines a LBP hazard as "any condition that causes exposure to lead that would result in adverse human health effects" resulting from lead-contaminated dust, bare, lead-contaminated soil, and/or lead-contaminated paint that is deteriorated or present on accessible, friction, or impact surfaces. Therefore, under Title X, intact LBP on most walls and ceilings would not be considered a "hazard", although the paint should be maintained and its condition monitored to ensure that it does not deteriorate and become a hazard. Additionally, Section 1018 of this law directed HUD and EPA to require the disclosure of known information on LBP and LBP hazards before the sale or lease of most housing built before 1978. Most private housing, public housing, or federally owned or subsidized housing is affected by this rule.

Under OSHA, LCP is defined as any paint with any detectable amount of lead present in it. Therefore, all LBP is considered LCP. Conversely, LCP may not meet the criteria to be considered LBP in accordance with HUD guidelines or some states' definition of LBP.

It is important to note that LCP may create a lead hazard when being removed. The condition of

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these materials must be monitored when they are being disturbed. In the event LCP is subject to abrading, sanding, torching, and/or cutting during demolition or renovation activities, there may be regulatory issues that must be addressed.

The information below is for general informational purposes only and does not constitute a lead hazard evaluation. In addition, the information is not intended to comply with federal, state, or local regulations in regards to LBP.

In buildings constructed after 1978, it is unlikely that LBP is present; however, some paints utilized after 1978 will be LCP under OSHA. Structures built prior to 1978 and especially prior to the 1960s should be expected to contain LBP.

Due to the age of the subject property buildings, there is a potential that LBP is present. All observed painted surfaces were in good condition and are not expected to pose a health and safety concern to the occupants of the subject property at this time. Local regulations may apply to LBP in association with building demolition/renovations and worker/occupant protection. Actual material samples would need to be collected or an XRF survey performed in order to determine if LBP is present. It should be noted that construction activities that disturb materials or paints containing any amount of lead may be subject to certain requirements of the OSHA lead standard contained in 29 CFR 1910.1025 and 1926.62.

8.3 Radon

Radon is a naturally-occurring, odorless, and invisible gas. Natural radon levels vary and are closely related to geologic formations. Radon may enter buildings through basement sumps or other openings.

Radon sampling was not requested as part of this assessment. According to the California Department of Health Services Radon Database, 17 tests were conducted for radon levels in the subject property zip code (94608) in 2016. Five of the tests exceeded the action level of 4.0 pCi/L set forth by the US EPA. Based on the commercial/industrial nature of the property and the lack of subsurface areas, radon does not appear to be a concern. However, radon sampling would be required to determine site-specific radon levels.

8.4 Mold/Indoor Air Quality Issues

Molds are simple microscopic organisms which can often be seen in the form of discoloration, frequently green, gray, white, brown, or black. When excessive moisture or water accumulates indoors, mold growth may occur, particularly if the moisture problem remains undiscovered or unaddressed. As such, interior areas of buildings characterized by poor ventilation and high humidity are the most common locations of mold growth. Building materials, including drywall, wallpaper, baseboards, wood framing, insulation, and carpeting, often play host to such growth. Mold spores primarily cause health problems through the inhalation of spores or the toxins they emit when they are present in large numbers. This can occur when there is active mold growth within places where people live or work.

Mold, if present, may or may not visually manifest itself. Neither the individual completing this inspection, nor AEI has any liability for the identification of mold-related concerns except as defined in applicable industry standards. In short, this Phase I ESA should not be construed as a

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mold survey or inspection.

This activity was not designed to discover all areas which may be affected by mold growth on the subject property. Rather, it is intended to give the client an indication if significant (based on observed areas) mold growth is present at the subject property. Potential areas of mold growth, such as in pipe chases, HVAC systems, and behind enclosed walls and ceilings, were not observed as part of this limited assessment.

AEI observed interior areas of the subject property buildings to identify the potential presence of mold. AEI did not note obvious visual or olfactory indications of the presence of mold, nor did AEI observe obvious indications of significant water damage. As such, no bulk sampling of suspect surfaces was conducted as part of this assessment and no additional action with respect to suspect mold appears to be warranted at this time.

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9.0 SIGNATURE OF ENVIRONMENTAL PROFESSIONALS

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in §312.10 of 40 CFR Part 312.

I have the specific qualifications based on education, training, and experience to assess a property of the nature, history and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Prepared By:	Reviewed By:
DRAFT	DRAFT
Elizabeth Scudero	Richard D. Fehler
Project Manager	Senior Author

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10.0 REFERENCES

Item	Date(s)	Source
Soils Information	Accessed August 2018	USDA Web Soil Survey http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx
Topographic Map	2015	USGS, Oakland West
Depth to Groundwater Information	Obtained August 2018	GeoTracker website
Aerial Photographs	1939-2012 (non-inclusive)	EDR
Sanborn Map Report/Search	1902-1970 (non-inclusive)	EDR
City Directories	1920-2014 (non-inclusive)	EDR
Environmental Health Department/ State Environmental Agency	July 30, 2018	Alameda County Department of Environmental Health
Fire Department	July 30, 2018	Oakland Fire Department
Building Department	August 21, 2018	Oakland Building Department
Planning Department	August 21, 2018	Oakland Planning Department
Assessor's Information and Parcel Map	July 30, 2018	Alameda County Assessor's Office
Other Agencies Searched	July 30, 2018	SWRCB Geotracker, DTSC HWTS, and DTSC Envirostor databases, BAAQMD
Oil and Gas Wells	August 21, 2018	California Division of Oil, Gas, and Geothermal Resources
Oil and Gas Pipelines	August 21, 2018	NPMS Public Map Viewer https://www.npms.phmsa.dot.gov/PublicViewer/composite.jsf
Regulatory Database Report	July 31, 2018	EDR
Interview with Owner	August 14, 2018	Mr. Bill Mouat
Interview with Key Site Manager	August 14, 2018	Mr. Bill Mouat
Radon Zone Information	2016	CA Department of Public Health Radon Database

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APPENDIX A

FIGURES

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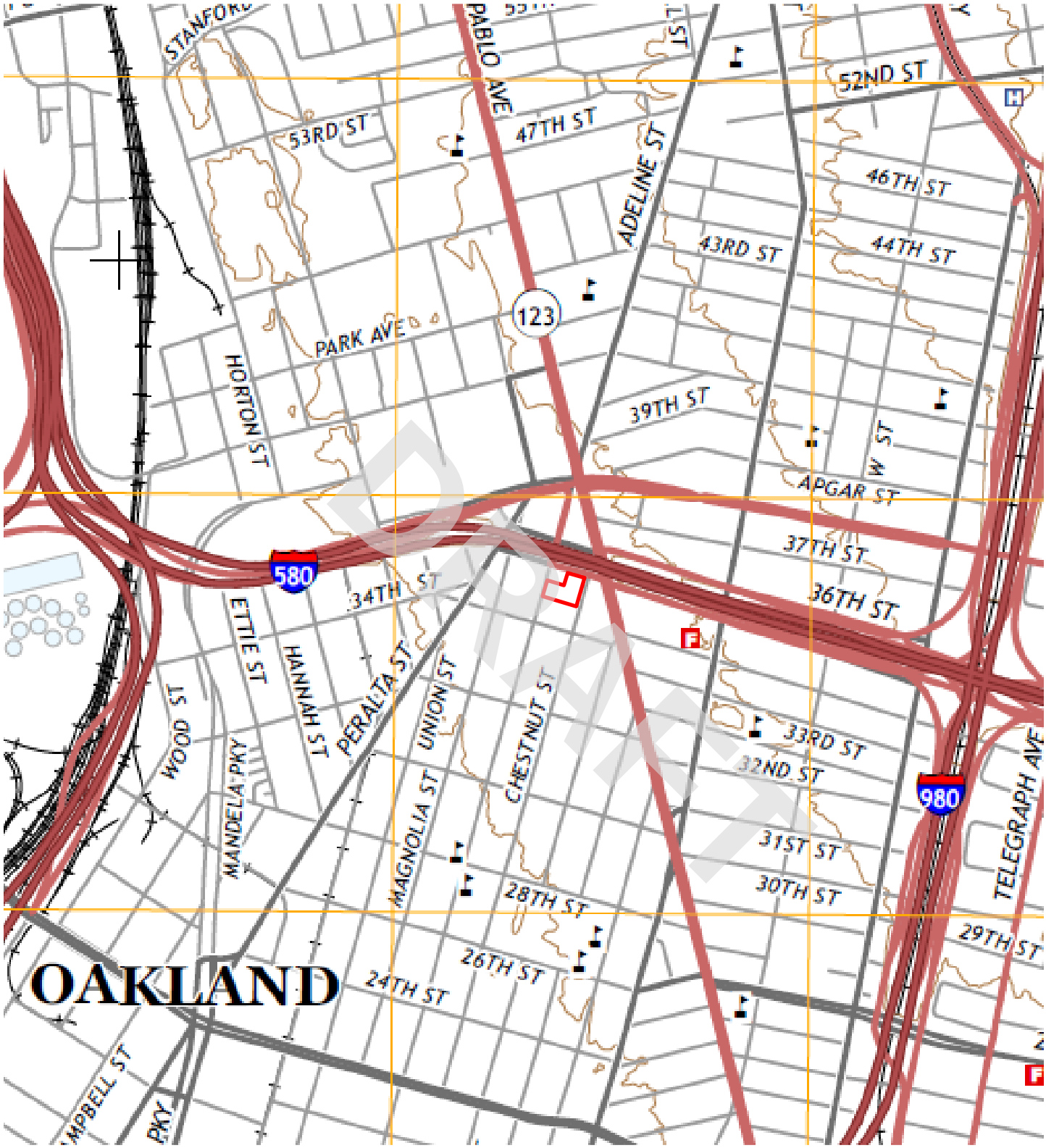

Legend
Approximate Property Boundary
Source: USGS Topographic Map *Oakland West, California* (2015)

N

Figure 1: TOPOGRAPHIC MAP

3442 Adeline Street, Oakland, California 94608
Project Number: 392217

AEI Consultants

Legend

Estimated Groundwater Flow Direction
Approximate Property Boundary
Listed in Environmental Database Report *
"Melt Pots" (1912 Sanborn Map)
Former UST
Extent of Excavation
Monitoring Well
Elevated "Dist Tank" (1912 Sanborn Map)
Former Gas Station
Former Auto Repair Building
Rail Spur

N

Figure 2: SITE MAP

3442 Adeline Street, Oakland, California 94608
Project Number: 392217

AEI Consultants

APPENDIX B

PROPERTY PHOTOGRAPHS

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1. View of the subject property from across Chestnut Street, facing northwest

2. View of the location of the UST removed in 2000, to the southeast of the southern subject property building

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3. View of a monitoring well in the sidewalk adjacent to the subject property

4. View of the western side of the subject property, facing north

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5. View of the subject property storage yard, facing southwest

6. View of the subject property storage yard, facing northwest

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7. View of the subject property building, facing east

8. View of the entrance to the southern subject property building

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9. View of the office on the subject property

10. View of the forklift on the subject property

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11. View of staining and absorbent beneath the forklift

12. View inside the southern subject property building

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13. View of a restroom in the southern subject property building

14. View inside the northern subject property building

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15. View of a soil vapor probe inside the northern subject property buidling

16. Additional view inside the northern subject property building

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17. View of paints stored inside the northern subject property building

18. View of the rail spur leading into the northern subject property buildng

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19. View of the adjacent sites to the northwest

20. View of the adjacent site to the east

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21. Additional view of the adjacent site to the east

22. View of an adjacent site to the south

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23. View of another adjacent site to the south

24. View of the adjacent sites to the west

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APPENDIX C

REGULATORY DATABASE

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392271
3442 Adeline Street
Emeryville, CA 94608

Inquiry Number: 5378224.2s
July 31, 2018

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The EDR Radius Map™ Report

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

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GEOCHECK ADDENDUM

GeoCheck - Not Requested

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

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (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

3442 ADELINE STREET
EMERYVILLE, CA 94608

COORDINATES

Latitude (North):	37.8262090 - 37˚ 49' 34.35''
Longitude (West):	122.2794200 - 122˚ 16' 45.91''
Universal Tranverse Mercator:	Zone 10
UTM X (Meters):	563416.0
UTM Y (Meters):	4186572.2
Elevation:	32 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

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MAPPED SITES SUMMARY

Target Property Address:
3442 ADELINE STREET
EMERYVILLE, CA 94608

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	ZIMMERMAN PROPERTY	3442 ADELINE STREET	LUST, Alameda County CS, CERS		TP
A2	ZIMMERMAN PROPERTY	3442 ADELINE STREET	RGA LUST		TP
A3	ZIMMERMAN PROPERTY	3442 ADELINE STREET	FINDS		TP
A4	ZIMMERMAN PROPERTY	3442 ADELINE ST	RGA LUST		TP
A5	ZIMMERMAN PROPERTY	3442 ADELINE	RGA LUST		TP
A6	RON ZIMMERMAN	3442 ADELINE	HAZNET		TP
Reg	OAKLAND ARMY BASE (C		DOD	Same	4014, 0.760, WNW
A7	CHAMPION JOS	3516 ADELINE ST	EDR Hist Cleaner	Lower	36, 0.007, West
A8	CITY OF PARIS CLEANI	3516 ADELINE ST	LUST, Alameda County CS, SWEEPS UST, CA FID UST,...	Higher	96, 0.018, NW
A9	CITY OF PARIS CLEANI	3516 ADELINE ST	HIST UST	Higher	96, 0.018, NW
A10	MARCUM JOHN	3515 SAN PABLO AVE	EDR Hist Auto	Higher	147, 0.028, East
A11	CAHON ASSOCIATES INC	3501 SAN PABLO	LUST, Alameda County CS, EMI, HIST CORTESE, CERS	Higher	156, 0.030, ESE
B12	KAUL A S	3540 SAN PABLO AVE	EDR Hist Auto	Higher	174, 0.033, ENE
C13	DIXON S AUTOMOTIVE S	1155 34TH ST	EDR Hist Auto	Lower	251, 0.048, SW
D14	JAMES AUTOMOTIVE REP	1120 36TH ST	EDR Hist Auto	Higher	253, 0.048, North
D15	ADELINE STREET PROPE	3602 ADELINE & 1122	US BROWNFIELDS, FINDS	Higher	263, 0.050, NNW
D16	FORMER AMBASSADOR LA	1160-1168 36TH ST. A	US BROWNFIELDS, FINDS	Higher	276, 0.052, NNW
D17	AMBASSADOR	1160-1168 36TH STREE	US BROWNFIELDS, FINDS	Higher	276, 0.052, NNW
B18	PLAZA CLEANERS THE	3600 SAN PABLO AVE	EDR Hist Cleaner	Higher	303, 0.057, NNE
D19	MINAMOTO J	3615 SAN PABLO AVE	EDR Hist Cleaner	Higher	313, 0.059, NNE
D20	ECONOMY LAUNDRY COMP	1168 36TH TEL PIED	EDR Hist Cleaner	Higher	317, 0.060, NNW
D21	KNUDSEN HAROLD D COM	3620 SAN PABLO AVE	EDR Hist Auto	Higher	333, 0.063, NNE
B22	AAA SAN PABLO FUEL D	3420 SAN PABLO AVE	CERS, CERS HAZ WASTE, CERS TANKS	Higher	353, 0.067, ESE
B23	AAA SAN PABLO FUEL D	3420 SAN PABLO AVE	UST	Higher	353, 0.067, ESE
B24	SHELL OIL CO	3420 SAN PABLO AVE/3	RCRA-SQG, HIST UST	Higher	353, 0.067, ESE
B25	SHELL SERVICE STATIO	3420 SAN PABLO AVE	LUST, Alameda County CS, SWEEPS UST, CA FID UST,...	Higher	353, 0.067, ESE
B26	PORTOLA VALLEY SHELL	3420 SAN PABLO AVE	EDR Hist Auto	Higher	353, 0.067, ESE
E27	FRYER INDUSTRIES, IN	1073 34TH STREET	RCRA-SQG, FINDS, ECHO, EMI, HAZNET	Lower	358, 0.068, SSE
E28	DOUGCO	1073 34TH STREET	HIST UST	Lower	358, 0.068, SSE
E29	DOUG CO METAL FINISH	1073 34TH ST	ENVIROSTOR, LUST, Alameda County CS, HIST CORTESE,...	Lower	358, 0.068, SSE
D30	BEST CLEANING & DYEI	3621 SAN PABLO AVE	EDR Hist Cleaner	Higher	358, 0.068, NNE
C31	DOUGCO	1073 034TH ST	SWEEPS UST, CA FID UST	Lower	408, 0.077, SSW
F32	WILLIAM D WHITE CO,	3427 MAGNOLIA ST	RCRA-SQG, FINDS, ECHO	Lower	413, 0.078, West
F33	CITY OF MORGAN HILL	3427 MAGNOLIA	HIST CORTESE	Lower	413, 0.078, West
C34	DERICKSON C C	3342 ADELINE ST	EDR Hist Auto	Lower	428, 0.081, SW
G35	THRIFTY OIL STN.#049	3400 SAN PABLO AVE	HIST UST	Higher	433, 0.082, ESE
G36	THRIFTY OIL STN 049	3400 SAN PABLO AVENU	HIST UST, CA FID UST	Higher	433, 0.082, ESE
G37	THRIFTY OIL #49	3400 SAN PABLO AVE	LUST, Alameda County CS, SWEEPS UST, HIST CORTESE,...	Higher	433, 0.082, ESE
G38	ARCO FACILITY #9535	3400 SAN PABLO AVE	UST	Higher	433, 0.082, ESE

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3442 ADELINE STREET
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G39	SAN PABLO ARCO	3400 SAN PABLO AVE	EDR Hist Auto	Higher	433, 0.082, ESE
D40	OWENS MORTGAGE INVES	3623 ADELINE ST	LUST	Higher	451, 0.085, North
D41	AMBASSADOR LAUNDRY	3623 ADELINE STREET	LUST, Alameda County CS, HIST CORTESE, CERS	Higher	451, 0.085, North
G42	TESORO (MOBIL) 63049	3400 SAN PABLO AVE	UST	Higher	453, 0.086, ESE
G43	TESORO (MOBIL) 63049	3400 SAN PABLO AVE	CERS, CERS HAZ WASTE, CERS TANKS	Higher	453, 0.086, ESE
44	ABRAMS ABR	3312 ADELINE ST	EDR Hist Cleaner	Lower	527, 0.100, SW
E45	CALIFORNIA SERVICE S	3350 SAN PABLO AVE	EDR Hist Auto	Higher	541, 0.102, SE
H46	KENDRICK & ZUKOR	3645 SAN PABLO AVE	EDR Hist Auto	Higher	544, 0.103, North
F47	OAKLAND OVERALL LAUN	3501 PERALTA ST	EDR Hist Cleaner	Lower	546, 0.103, WNW
F48	CLAWSON HIGH SCHOOL	3420 PERALTA ST	LUST, Alameda County CS, SWEEPS UST, HIST CORTESE,...	Lower	550, 0.104, West
I49	SIGNAL OIL CO	3607 PERALTA ST	EDR Hist Auto	Lower	560, 0.106, NW
H50	FORMER UNOCAL 371572	3645 SAN PABLO AVE	RCRA-LQG, FINDS, ECHO	Higher	569, 0.108, North
H51	JUG LIQUOR	3645 SAN PABLO AVENU	US BROWNFIELDS, FINDS	Higher	569, 0.108, North
H52	LANE SPLITTERS PIZZA	3645 SAN PABLO AVE	LUST, Alameda County CS, CERS	Higher	569, 0.108, North
I53	CUNEO ANTON	3560 PERALTA ST	EDR Hist Auto	Lower	573, 0.109, NW
H54	3706 SAN PABLO AVENU	3706 SAN PABLO AVENU	ENVIROSTOR	Higher	583, 0.110, NNE
H55	3706 SAN PABLO AVE	3706 SAN PABLO AVENU	US BROWNFIELDS	Higher	583, 0.110, NNE
H56	3706 SAN PABLO	3706 SAN PABLO	CPS-SLIC, HAZNET, NPDES, CIWQS, CERS	Higher	583, 0.110, NNE
F57	OAKLAND OVERALL LAUN	3423 HARLAN ST	EDR Hist Cleaner	Lower	604, 0.114, West
J58	MC NEIL & SHEPHERD	3324 SAN PABLO AVE	EDR Hist Auto	Higher	610, 0.116, SE
H59	SCOTT PROPERTY	1043 W MACARTHUR BLV	Alameda County CS	Higher	672, 0.127, NNE
H60	SCOTT PROPERTY	1043 MACARTHUR	LUST, CERS	Higher	672, 0.127, NNE
H61	BAY AREA AUTOBODY	1043 W MACARTHUR BLV	RCRA-SQG, FINDS, ECHO	Higher	672, 0.127, NNE
J62	FORMER FG GASOLINE	3314 SAN PABLO AVE.	LUST, Alameda County CS, HIST CORTESE, CERS	Higher	680, 0.129, SE
63	CITY WOOD	3423 HARLAN ST	LUST, Alameda County CS, HIST CORTESE, CERS	Lower	734, 0.139, WNW
K64	BLAZIC INDUSTRIAL BA	1016 W MACARTHUR BLV	Alameda County CS	Higher	903, 0.171, NNE
K65	BLAZIC INDUSTRIAL BA	1016 W MCARTHUR BLVD	SWEEPS UST	Higher	903, 0.171, NNE
L66	3800 SAN PABLO AVENU	3800 SAN PABLO AVENU	CPS-SLIC, CERS	Higher	925, 0.175, NNE
L67	OAKLAND TRUCK CENTER	3800 SAN PABLO AVE	LUST, Alameda County CS, HIST UST, CERS	Higher	925, 0.175, NNE
L68	OAKLAND TRUCK CENTER	3800 SAN PABLO AVE	Alameda County CS, SWEEPS UST, CA FID UST	Higher	925, 0.175, NNE
L69	GMC TRUCK & COACH DI	3800 SAN PABLO AVE	RCRA-SQG, FINDS, ECHO, HAZNET	Higher	925, 0.175, NNE
M70	JACK HEMSATH DRAYAGE	1350 34TH STREET	HIST UST	Lower	944, 0.179, West
M71	HEMSATH DRAYAGE	1350 34TH	LUST, Alameda County CS, HIST CORTESE, CERS	Lower	944, 0.179, West
N72	MAGNOLIA STREET LLC	1200 32ND ST	CPS-SLIC, Alameda County CS, CERS	Lower	977, 0.185, SW
N73	LITTLE PROPERTY	1201 32ND	CPS-SLIC, Alameda County CS, CERS	Lower	1053, 0.199, SW
L74	3902-3906 ADELINE ST	3902-3906 ADELINE ST	LUST, CERS	Higher	1064, 0.202, North
L75	3902-3906 ADELINE ST	3902-3096 ADELINE ST	Alameda County CS	Higher	1064, 0.202, North
K76	H BECK SVC & REPAIR	1040 APGAR ST	RCRA-SQG, FINDS, ECHO, HAZNET	Higher	1082, 0.205, NNE
N77	WOODEN WINDOW ANNEX	3137 MAGNOLIA ST	RCRA-SQG	Lower	1083, 0.205, SW

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O78	LOOMIS ARMORED CAR S	936 BROCKHURST ST	LUST, Alameda County CS, SWEEPS UST, CA FID UST,...	Higher	1095, 0.207, SE
O79	LOOMIS ARMORED CAR S	936 BROCKHURST ST	HIST UST	Higher	1095, 0.207, SE
80	ROMAK IRON WORKS	3250 HOLLIS STREET	ENVIROSTOR, LUST, Alameda County CS, SWEEPS UST,...	Lower	1097, 0.208, WSW
M81	HEMSATH JACK DRAYAGE	1390 34TH STREET	RCRA NonGen / NLR, FINDS, ECHO	Lower	1131, 0.214, West
P82	SALLY BEAUTY SUPPLIE	3839 EMERY ST STE 60	CERS HAZ WASTE, CERS	Lower	1159, 0.220, NNW
P83	ULTA BEAUTY #1007 (E	3839 EMERY STREET, S	CERS HAZ WASTE, CERS	Lower	1159, 0.220, NNW
P84	OFFICE MAX 394	3839 EMERY ST	LUST, Alameda County CS, HAZNET, CERS	Lower	1159, 0.220, NNW
Q85	LENNYS AUTO BODY & P	3116 ADELINE	RCRA-SQG, FINDS, ECHO, HAZNET	Lower	1171, 0.222, SSW
86	PRECISION MOTORS	1054 39TH ST	RCRA-SQG, FINDS, ECHO, HAZNET	Higher	1185, 0.224, NNE
87	ABCO WATERPROOFING	3135 FILBERT	LUST, Alameda County CS, HIST CORTESE, CERS	Lower	1204, 0.228, SSE
R88	GUITON CHARTER BUS S	3421 HOLLIS ST	LUST, Alameda County CS, SWEEPS UST, HIST UST, CA...	Lower	1219, 0.231, West
S89	CLIPPER EXXPRESS COM	3871 SAN PABLO AVE	SWEEPS UST, CA FID UST	Higher	1251, 0.237, North
S90	CLIPPER EXXPRESS COM	3871 SAN PABLO AVE	HIST UST	Higher	1251, 0.237, North
Q91	FORMER ADELINE FOUND	3037-3101 ADELINE ST	Alameda County CS	Lower	1264, 0.239, SSW
Q92	ADELINE FOUNDRY	3037-3115 ADELINE ST	CPS-SLIC, Alameda County CS, CERS	Lower	1264, 0.239, SSW
R93	GUITON CHARTER BUS S	3421 HOLLIS ST	HIST UST	Lower	1307, 0.248, West
S94	PERALTA STREET RIGHT	3889 SAN PABLO AVE	LUST, CERS	Higher	1329, 0.252, North
S95	PERALTA STREET RIGHT	3889 SAN PABLO AVE	Alameda County CS	Higher	1329, 0.252, North
T96	CHEVRON #9-2029	890 W. MACARTHUR BLV	LUST, CERS	Higher	1361, 0.258, ENE
T97	92029	890 W MACARTHUR BLVD	Alameda County CS, SWEEPS UST, HIST UST	Higher	1361, 0.258, ENE
Q98	CALIFORNIA ELECTRIC	3015 ADELINE ST	RCRA-SQG, ENVIROSTOR, LUST, Alameda County CS,...	Lower	1423, 0.270, SSW
U99	YERBA BUENA - EAST B	3838 HOLLIS ST	DEED, HAZNET, CERS	Lower	1425, 0.270, NW
U100	YERBA BUENA - EAST B	3838 HOLLIS ST	LUST, Alameda County CS, EMI, HAZNET	Lower	1425, 0.270, NW
S101	SNK ANDANTE PROJECT	3992 SAN PABLO	CPS-SLIC, Alameda County CS, CERS	Higher	1452, 0.275, North
V102	ZERO WASTE SYSTEMS I	1450 32ND	HIST CORTESE	Lower	1558, 0.295, WSW
103	CROWLEY, KENT	3016 FILBERT	LUST, Alameda County CS, HIST CORTESE, CERS	Lower	1567, 0.297, SSE
V104	M SQUARED DEVELOPMEN	1450 32ND STREET	CPS-SLIC, BROWNFIELDS, HAZNET, CERS	Lower	1626, 0.308, WSW
V105	ZERO WASTE SYSTS INC	1450 32ND ST	SEMS-ARCHIVE	Lower	1626, 0.308, WSW
V106	ATLAS HEATING & AIR	1451 32ND AVE	LUST, Alameda County CS, CERS	Lower	1647, 0.312, WSW
107	FIDELITY ROOF CO	1075 40TH ST	RCRA-SQG, LUST, Alameda County CS, SWEEPS UST,...	Higher	1676, 0.317, NNE
W108	TOSCANA BAKING COMPA	4070 SAN PABLO AVE	LUST, Alameda County CS, SWEEPS UST, HIST UST, CA...	Higher	1688, 0.320, North
109	EAST BAYBRIDGE CENTE	UNKNOWN YERBA BUENA	CPS-SLIC, CERS	Lower	1700, 0.322, WNW
W110	BLACK & WHITE (B&W)	4053 SAN PABLO AVENU	US BROWNFIELDS, FINDS	Higher	1737, 0.329, North
111	A C TRANSIT - EMERYV	45TH STREET & SAN PA	ENVIROSTOR	Higher	1746, 0.331, NNW
X112	ENNIS/AC TRANSIT	40TH AND ADELINE STR	US BROWNFIELDS, FINDS	Higher	1768, 0.335, North
113	ACM ASBESTOS ABATEME	3438 HELEN STREET	ENVIROSTOR	Lower	1796, 0.340, West
114	MACARTHUR ST. ON-RAM	I-580 FROM LOUISE TO	ENVIROSTOR, VCP	Lower	1799, 0.341, West
W115	CELIS TEXACO SERVICE	4000 SAN PABLO AVE	LUST, Alameda County CS, SWEEPS UST, CA FID UST,...	Higher	1813, 0.343, North
X116	CITY OF EMERYVILLE /	4001 ADELINE ST	CPS-SLIC, Alameda County CS, CERS	Higher	1816, 0.344, North

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X117	MAGNOLIA COURT	4001 ADELINE STREET	US BROWNFIELDS, FINDS	Higher	1816, 0.344, North
W118	OAK WALK REDEVELOPME	4090 SAN PABLO AVE	Alameda County CS	Higher	1844, 0.349, North
W119	OAK WALK REDEVELOPME	4090 SAN PABLO AVENU	CPS-SLIC, DEED, HAZNET, CERS	Higher	1844, 0.349, North
120	PARTCH PROPERTY	2856 HELEN ST	LUST, Alameda County CS, HIST CORTESE, CERS	Lower	1848, 0.350, WSW
W121	SAN FRANCISCO FRENCH	4070 SAN PABLO	HIST CORTESE	Higher	1853, 0.351, North
122	THERM-TEC OF CALIFOR	4000 HARLAN ST.	WMUDS/SWAT	Lower	1904, 0.361, NW
123	WSB ELECTRIC COMPANY	3032 MARKET ST	LUST, Alameda County CS, SWEEPS UST, HIST CORTESE,...	Lower	1916, 0.363, SSE
Y124	RANSOME COMPANY MAIN	4030 HOLLIS ST	ENVIROSTOR, LUST, Alameda County CS, SWEEPS UST,...	Lower	2006, 0.380, NW
Y125	BAY AREA WAREHOUSE C	4001 HOLLIS ST	LUST, Alameda County CS, HIST UST, HIST CORTESE	Lower	2009, 0.380, NW
126	TOSCANA BAKERY	3924 MARKET ST	LUST, Alameda County CS, SWEEPS UST, HIST UST, CA...	Higher	2013, 0.381, NE
Y127	BASHLAND INC	4015 HOLLIS	LUST, Alameda County CS, HIST CORTESE, CERS	Lower	2019, 0.382, NW
128	SWEET MARIA'S COFFEE	2823 ADELINE ST	LUST, Alameda County CS, HAZNET, CERS	Lower	2032, 0.385, SSW
Z129	DUNNE QUALITY PAINTS	1007 41ST ST	LUST, CPS-SLIC, Alameda County CS, HIST CORTESE,...	Higher	2057, 0.390, NNE
Z130	GREEN CITY LOFTS	1007 41ST STREET	US BROWNFIELDS, FINDS	Higher	2057, 0.390, NNE
131	MODERN MAIL EXPRESS	2836 UNION ST	LUST, Alameda County CS, CERS	Lower	2058, 0.390, SW
132	CALIFORNIA LINEN SUP	989 41ST ST	LUST, Alameda County CS, HIST CORTESE, CERS	Higher	2099, 0.398, NNE
AA133	AMERICAN RUBBER MFG	1199 PARK AVE	LUST, Alameda County CS, CERS	Higher	2110, 0.400, NNW
AA134	PARK AVENUE PROPERTY	1199 PARK	HIST CORTESE	Higher	2110, 0.400, NNW
135	BABIES R US	3938 HORTON ST	LUST, HAZNET, CERS	Lower	2111, 0.400, WNW
AB136	PEPSI COLA BOTTLING	1150 PARK AVE	Alameda County CS, SWEEPS UST, HIST UST, CA FID...	Higher	2111, 0.400, NNW
AB137	PEPSI-COLA COMPANY /	1150 PARK AVENUE	LUST, CERS	Higher	2111, 0.400, NNW
138	SAN CARLOS BEACH	1549 32ND	CPS-SLIC, Alameda County CS, HIST CORTESE, CERS	Lower	2132, 0.404, WSW
Z139	BOYSEN PAINT	1001 41ST	HIST CORTESE	Higher	2143, 0.406, NNE
Y140	4062 HOLLIS	4062 HOLLIS STREET	US BROWNFIELDS, FINDS	Lower	2152, 0.408, NW
Z141	OAKLAND NATIONAL ENG	UNKNOWN 41ST AVE & A	CPS-SLIC, CERS	Higher	2169, 0.411, NNE
AC142	GEROW PROPERTIES	1255 PARK	LUST, Alameda County CS, HIST CORTESE, CERS	Lower	2198, 0.416, NW
AD143	ARCO #04931	731 W MACARTHUR BLVD	LUST, Alameda County CS, SWEEPS UST, HIST UST,...	Higher	2203, 0.417, East
AE144	CALTECH METAL FINISH	841 31ST STREET	SEMS, RCRA-LQG, ENVIROSTOR, PRP, ICIS, FINDS,...	Higher	2208, 0.418, SE
AF145	GIAMPOLINI & COMPANY	2847 PERALTA ST	Alameda County CS	Lower	2223, 0.421, SW
AF146	PERALTA ST LLC	2847 PERALTA ST	ENVIROSTOR, VCP, HAZNET, NPDES	Lower	2223, 0.421, SW
AG147	LINFORD AIR AND REFR	2850 POPLAR	LUST, Alameda County CS, HIST UST, HIST CORTESE,...	Lower	2224, 0.421, SW
AG148	LINFORD AIR & REFRIG	2850 POPLAR ST	LUST, SWEEPS UST, CA FID UST	Lower	2224, 0.421, SW
AG149	LINDFORD AIR & REFRI	2850 POPLAR	Notify 65	Lower	2224, 0.421, SW
Y150	UNITED STAMPING COMP	4060-4062 HOLLIS STR	ENVIROSTOR, VCP	Lower	2228, 0.422, NW
AD151	RD MINER COMPANY	750 37TH ST	LUST, Alameda County CS, HIST CORTESE, CERS	Higher	2232, 0.423, East
AC152	DEL MONTE CORP.,PLAN	1250 PARK AVE	Alameda County CS, SWEEPS UST, HIST UST, CA FID...	Lower	2234, 0.423, NNW
AC153	PIXAR ANIMATION STUD	1250 PARK AVENUE (AK	CPS-SLIC	Lower	2234, 0.423, NNW
AC154	DEL MONTE CORPORATIO	1250 PARK AVENUE	CPS-SLIC, EMI, CERS	Lower	2234, 0.423, NNW
AH155	CHUNG PROPERTY / LAN	2942 SAN PABLO AVE	CPS-SLIC, Alameda County CS, CERS	Lower	2263, 0.429, SSE

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AH156	FORMER LANE METAL FI	2942 SAN PABLO AVE	RCRA-LQG, LIENS, Cortese, HAZNET, CERS	Lower	2263, 0.429, SSE
AH157	LANE METAL FINISHERS	2942 SAN PABLO AVENU	RESPONSE, ENVIROSTOR	Lower	2263, 0.429, SSE
158	BROOK'S AUTO SERVICE	1101 28TH	LUST, Alameda County CS, HIST CORTESE	Lower	2272, 0.430, SSW
AI159	RUSH PROPERTY 28TH S	1173 28TH STREET	LUST, Alameda County CS, CHMIRS, CERS	Lower	2285, 0.433, SSW
AE160	CAL TECH METALS	825, 829, 841 31ST S	RESPONSE, ENVIROSTOR, LIENS, Cortese, CERS	Higher	2288, 0.433, SE
161	NEIGHBORHOOD LAUNDRO	3838 WEST	LUST, Alameda County CS, HIST CORTESE, CERS	Higher	2311, 0.438, ENE
AI162	OWOW DEVELOPMENT	2715 ADELINE ST	Alameda County CS	Lower	2323, 0.440, SSW
AJ163	CITY OF EMERYVILLE	1333 PARK AVE	LUST, Alameda County CS, SWEEPS UST, CA FID UST,...	Lower	2323, 0.440, NW
AK164	FOSTER'S PLATING	1570 34TH STREET	SEMS, LEAD SMELTERS	Lower	2326, 0.441, West
165	J H FITZMAURICE INC	2857 HANNAH	LUST, Alameda County CS, HIST CORTESE, CERS	Lower	2338, 0.443, WSW
AL166	OAKLAND NATIONAL ENG	1001 42ND ST	CPS-SLIC, HAZNET	Higher	2344, 0.444, NNE
AL167	OAKLAND NATIONAL ENG	1001 42ND ST	ENVIROSTOR, LUST, Alameda County CS, SCH, HIST...	Higher	2344, 0.444, NNE
AM168	NONE	1229 28TH	LUST, Alameda County CS, HIST CORTESE, Notify 65,...	Lower	2355, 0.446, SW
169	OAKLAND TERMINAL RAI	HWY 80/HWY 580 INTER	CPS-SLIC, CERS	Lower	2365, 0.448, West
170	GOLDEN STATE LINEN S	958 28TH	LUST, Alameda County CS, HIST UST, HIST CORTESE,...	Lower	2369, 0.449, South
AH171	TUNE-UP MASTERS #318	2901 SAN PABLO	LUST, Alameda County CS, HIST CORTESE, CERS	Lower	2389, 0.452, SSE
AN172	EMERYVILLE REDEVELOP	4300 SAN PABLO	LUST, Alameda County CS, CERS	Higher	2457, 0.465, North
AK173	CONSTRUCTION YARD	3428 ETTIE ST	LUST, Alameda County CS, SWEEPS UST, HIST UST, CA...	Lower	2474, 0.469, West
AK174	TULLUCH CONSTRUCTION	3428 ETTIE ST	LUST	Lower	2474, 0.469, West
175	WEYERHAEUSER CO	4050 HORTON	ENVIROSTOR, LUST, Alameda County CS, SWEEPS UST,...	Lower	2479, 0.470, WNW
AM176	CUSTOM ALLOY SCRAP S	2711 UNION	CPS-SLIC, Alameda County CS, HIST CORTESE, CERS	Lower	2490, 0.472, SW
AO177	ALAMEDA CHEMICAL AND	2668 HANNAH STREET	ENVIROSTOR, HIST Cal-Sites	Lower	2503, 0.474, SW
178	CALIFORNIA AUTO REPA	2801 SAN PABLO AVE	LUST, Alameda County CS, HIST CORTESE, CERS	Lower	2541, 0.481, SSE
AJ179	DEL MONTE PLANT #35	4202 HOLLIS ST	LUST, HIST CORTESE, CERS	Lower	2545, 0.482, NW
AN180	EMERYVILLE REDEVELOP	4300 4310 SAN PABLO	HIST CORTESE	Higher	2558, 0.484, North
AP181	OAKLAND CITY OF ETTI	3455 ETTIE ST	LUST	Lower	2570, 0.487, West
AP182	CITY OF OAKLAND	3455 ETTIE	LUST, Alameda County CS, CHMIRS, HIST CORTESE,...	Lower	2570, 0.487, West
AK183	ALLIED PAINTER/SHIRE	3425 ETTIE STREET	ENVIROSTOR	Lower	2573, 0.487, West
184	LINFORD MAGNOLIA PRO	2650 MAGNOLIA STREET	LUST, Alameda County CS, CERS	Lower	2574, 0.488, SSW
AK185	HENRY SHIREK ESTATE	3425 ETTIE ST	LUST, Alameda County CS, HIST CORTESE, CERS	Lower	2578, 0.488, West
AJ186	DEL MONTE PLANT 35	4204/1250 HOLLIS STR	CPS-SLIC	Lower	2581, 0.489, NW
AQ187	ELECTRO-COATINGS INC	1401-1421 PARK AVENU	LUST, DEED, HIST CORTESE, CERS	Lower	2624, 0.497, NW
AQ188	ELECTRO-COATINGS	1401 PARK AVENUE	SEMS-ARCHIVE, RCRA-SQG	Lower	2624, 0.497, NW
AQ189	ELECTRO-COATINGS INC	1401 PARK AVENUE	CPS-SLIC, HIST UST, DEED, FINDS, ECHO, CERS	Lower	2624, 0.497, NW
AQ190	ELECTRO-COATINGS INC	1401-1421 PARK AVE	Alameda County CS	Lower	2624, 0.497, NW
AP191	CALTRANS OAKLAND MAI	3465 ETTIE STREET	LUST, Alameda County CS, SWEEPS UST, CA FID UST,...	Lower	2635, 0.499, West
AQ192	ELECTRO-COATINGS	1421 PARK AVENUE	ENVIROSTOR, CA BOND EXP. PLAN, EMI	Lower	2697, 0.511, NW
AO193	CUSTOM ALLOY SCRAP S	2730 PERALTA STREET	ENVIROSTOR	Lower	2714, 0.514, SW
194	ST ALBANS SENIOR CEN	I-80 FRONTAGE ROAD,	ENVIROSTOR	Higher	2718, 0.515, North

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MAPPED SITES SUMMARY

Target Property Address:
3442 ADELINE STREET
EMERYVILLE, CA 94608

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
AQ195	CHROMEX	1400 PARK AVENUE	ENVIROSTOR, CERS	Lower	2783, 0.527, NW
AR196	CE TOLAND & SON	2635 PERALTA	LUST, Alameda County CS, HIST CORTESE, Notify 65,...	Lower	2925, 0.554, SW
AR197	CUSTOM ALLOY SCRAP S	2601 PERALTA STREET	ENVIROSTOR	Lower	3003, 0.569, SW
198	BELL METAL FABRICATO	2500 ADELINE	ENVIROSTOR	Lower	3006, 0.569, SSW
199	ABC CLEANING & LAUND	2701 SAN PABLO AVE	ENVIROSTOR, HIST UST, DRYCLEANERS, EMI	Lower	3014, 0.571, SSE
AS200	PAC OVERSEA AIR SVCC	2801 MANDELA PKWY	ENVIROSTOR	Lower	3042, 0.576, WSW
201	OAKLAND LAUNDRY COMP	730 29TH STREET	ENVIROSTOR, LUST, Alameda County CS, HIST CORTESE,...	Higher	3051, 0.578, SE
AT202	MANDELA PARKWAY EXTE	MANDELA PARKWAY AND	ENVIROSTOR, VCP	Lower	3067, 0.581, WSW
203	LUCKY'S AUTO BODY	3860/3884 MARTIN LUT	ENVIROSTOR	Higher	3108, 0.589, ENE
204	THOMAS A SHORT CO	3430 WOOD ST	ENVIROSTOR, LUST, CPS-SLIC, Alameda County CS,...	Lower	3116, 0.590, West
AT205	AT & SF RAILROAD PRO	ALONG WOOD & 32ND ST	ENVIROSTOR, VCP	Lower	3141, 0.595, WSW
AT206	GENERAL TRANSPORTATI	3211 WOOD ST	ENVIROSTOR, LUST, Alameda County CS, VCP, SWEEPS...	Lower	3192, 0.605, WSW
207	SUTTA RECYCLING	3401 WOOD STREET	ENVIROSTOR, LUST, Alameda County CS, VCP, HIST...	Lower	3193, 0.605, West
208	SEISMIC RETROFIT SFO	ON INTERSTATE 580 AT	ENVIROSTOR, VCP	Lower	3198, 0.606, West
AU209	LAHER SPRING AND ELE	2419 MAGNOLIA STREET	ENVIROSTOR	Lower	3228, 0.611, SSW
AS210	PACIFIC OVERSEAS AIR		FUDS	Lower	3279, 0.621, WSW
211	45TH STREET ARTIST C	1420 45TH STREET	Notify 65	Lower	3326, 0.630, NW
AU212	NORTHWESTERN VENETIA	1218 24TH STREET	RESPONSE, ENVIROSTOR, CPS-SLIC, LIENS, DEED,...	Lower	3364, 0.637, SSW
AU213	NORTHWESTERN VENETIA	1218 24TH STREET	HIST Cal-Sites	Lower	3364, 0.637, SSW
214	SOUTHERN PACIFIC TRA	1450 SHERWIN AVE	RESPONSE, ENVIROSTOR, LUST, CPS-SLIC, Alameda...	Lower	3372, 0.639, NW
AV215	PACIFIC GAS & ELECTR	4525 HOLLIS STREET	CA BOND EXP. PLAN, EMI	Lower	3440, 0.652, NW
AV216	MATERIALS DISTRIBUTI	4525 HOLLIS ST	ENVIROSTOR, LUST, CPS-SLIC, Alameda County CS,...	Lower	3440, 0.652, NW
AW217	TKG CALIFORNIA STORA	2450 MANDELA PARKWAY	ENVIROSTOR, VCP, DEED	Lower	3471, 0.657, SW
AW218	KANTOR WAREHOUSE	2525 MANDELA	LUST, Alameda County CS, HIST CORTESE, Notify 65,...	Lower	3475, 0.658, SW
219	UPRR PARCEL D	NORTH OF SHERWIN AVE	ENVIROSTOR, VCP	Lower	3544, 0.671, WNW
220	TECHNICHEM INCORPORA	4245 HALLECK ST	CORRACTS, RCRA-LQG, ENVIROSTOR, US FIN ASSUR,...	Lower	3545, 0.671, WNW
AX221	ARTESIAN OIL RECOVER	2306 MAGNOLIA STREET	ENVIROSTOR	Lower	3573, 0.677, SSW
AX222	ARTESIAN OIL RECOVER	2306 MAGNOLIA ST	ICE, HWP, CERS	Lower	3573, 0.677, SSW
AY223	B & P DISMANTLERS	2525 WOOD STREET	ENVIROSTOR, VCP, HIST CORTESE	Lower	3581, 0.678, WSW
AY224	FORMER HALL PROPERTY	2601 WOOD STREET	ENVIROSTOR, VCP, DEED, HAZNET	Lower	3581, 0.678, WSW
225	EMERY SECONDARY SCHO	4727 SAN PABLO AVE.	ENVIROSTOR, SCH	Higher	3612, 0.684, NNW
AZ226	HARRIS DRY CLEANERS	2801 MARTIN LUTHER K	SEMS-ARCHIVE, HIST Cal-Sites, Cortese	Higher	3618, 0.685, SE
AZ227	HARRIS DRY CLEANERS	2801 MARTIN LUTHER K	RESPONSE, ENVIROSTOR, LIENS, HAZNET, CERS	Higher	3618, 0.685, SE
228	RUSS ELLIOT, INC.	2526 WOOD STREET	ENVIROSTOR	Lower	3632, 0.688, WSW
229	NED CLYDE CONSTRUCTI	2311 ADELINE STREET	Notify 65	Lower	3636, 0.689, SSW
230	CYPRESS FREEWAY/BIKE	MARITIME TO SHELLMOU	ENVIROSTOR, VCP, DEED	Lower	3697, 0.700, WNW
231	UNKNOWN	4549 HORTON STREET	Notify 65	Lower	3704, 0.702, NW
232	48TH STREET COMMUNIT	1042 48TH STREET	ENVIROSTOR, VCP	Higher	3832, 0.726, North
233	SOUTHERN PACIFIC RIG	WEST OF 4525 HOLLIS	HIST Cal-Sites	Lower	3868, 0.733, NW

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MAPPED SITES SUMMARY

Target Property Address:
3442 ADELINE STREET
EMERYVILLE, CA 94608

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
234	CHRIS AND GEORGE'S A	2520 WEST STREET	ENVIROSTOR	Lower	3908, 0.740, SSE
235	COMMERCIAL BUILDINGS	1250-1276, 1284 W. G	RESPONSE, ENVIROSTOR, HIST Cal-Sites, Cortese,...	Lower	3944, 0.747, SSW
236	SOUTHERN PACIFIC - D	CYPRESS CORRIDOR	RESPONSE, ENVIROSTOR, HIST Cal-Sites, DEED,...	Lower	3962, 0.750, WSW
237	MOSTLY MUSTANGS	2576 MARTIN LUTHER K	LUST, Alameda County CS, HIST CORTESE, Notify 65,...	Lower	4164, 0.789, SSE
238	ARMY-NAVY DISTRIBUTI		FUDS	Lower	4178, 0.791, WSW
239	SHELL STATION	500 40TH STREET	Notify 65	Higher	4236, 0.802, ENE
BA240	MANDELA GRAND	MANDELA PARKWAY AND	ENVIROSTOR, VCP	Lower	4331, 0.820, SW
BA241	MANDELA PARKWAY CORR	MANDELA PARKWAY BETW	ENVIROSTOR, VCP	Lower	4381, 0.830, SW
BB242	EMERYVILLE - OPEN TO	4500 SHELLMOUND ST	RESPONSE, ENVIROSTOR, CPS-SLIC, SWEEPS UST, HIST...	Lower	4399, 0.833, WNW
BB243	MYERS DRUM - EMERYVI	4500 SHELLMOUND STRE	HIST Cal-Sites	Lower	4399, 0.833, WNW
244	INTERSTATE HIGHWAY 8	INTERSTATE 80	ENVIROSTOR, VCP	Lower	4482, 0.849, NW
BB245	PFIZER INC	4650 SHELLMOUND ST	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, RCRA-SQG,...	Lower	4494, 0.851, WNW
BC246	ARMY-NAVY DISTRIBUTI	2233 WOOD STREET	ENVIROSTOR	Lower	4512, 0.855, WSW
BC247	LDS TRUCKING	2233 WOOD STREET	ENVIROSTOR, VCP	Lower	4554, 0.863, WSW
BC248	BNSF WOOD STREET YAR	WOOD STREET & WEST G	RESPONSE, ENVIROSTOR, HIST Cal-Sites, DEED,...	Lower	4670, 0.884, WSW
249	CITY OF OAKLAND - SU	WAKE AVENUE AND WEST	RESPONSE, ENVIROSTOR, DEED, Cortese	Lower	4776, 0.905, WSW
250	CARDIO PULMANARY BUI	365 HAWTHRONE STREET	Notify 65	Higher	4844, 0.917, ESE
BD251	MOSSWOOD UNION	411 WEST MACARTHUR	LUST, Notify 65, CERS	Higher	4919, 0.932, East
252	A & J TRUCKING, INC	5600 SHELLMOND AVENU	Notify 65	Lower	4928, 0.933, NW
253	SHELLMOUND VENTURE P	SHELLMOUND STREET	ENVIROSTOR, VCP, DEED	Lower	4932, 0.934, NW
BD254	UNOCAL SERVICE STATI	411 WEST MAC ARTHUR	Notify 65	Higher	4949, 0.937, East
BE255	HORTON LANDING PARK	STANFORD AVENUE & HO	ENVIROSTOR, VCP	Lower	4977, 0.943, NW
256	OAKLAND ARMY RESERVE	15 ENGINEER ROAD	RESPONSE, ENVIROSTOR, MCS	Lower	5032, 0.953, West
BE257	MARCHANT/WHITNEY	5679 HORTON STREET	RESPONSE, ENVIROSTOR, LUST, Alameda County CS,...	Lower	5172, 0.980, NW
258	5701 HOLLIS STREET	5701 HOLLIS STREET	RESPONSE, ENVIROSTOR, CPS-SLIC, CERS	Lower	5247, 0.994, NNW
259	SOUTH BAYFRONT PROJE	4650, 5500, & 5600 S	ENVIROSTOR, VCP, DEED	Lower	5252, 0.995, NW

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TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
ZIMMERMAN PROPERTY 3442 ADELINE STREET OAKLAND, CA 94608	LUST Database: LUST, Date of Government Version: 06/11/2018 Status: Open - Site Assessment Global Id: T0600183099	N/A
	Alameda County CS Status: Pollution Characterization Record Id: RO0002936	
	CERS	
ZIMMERMAN PROPERTY 3442 ADELINE STREET OAKLAND, CA	RGA LUST	N/A
ZIMMERMAN PROPERTY 3442 ADELINE STREET OAKLAND, CA 94608	FINDS Registry ID:: 110066783840	N/A
ZIMMERMAN PROPERTY 3442 ADELINE ST OAKLAND, CA	RGA LUST	N/A
ZIMMERMAN PROPERTY 3442 ADELINE OAKLAND, CA	RGA LUST	N/A
RON ZIMMERMAN 3442 ADELINE OAKLAND, CA 94608	HAZNET GEPAID: CAC002204481	N/A

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DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List

EXECUTIVE SUMMARY

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-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 landfill and/or solid waste disposal site lists

SWF/LF..... Solid Waste Information 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
AST..... Aboveground Petroleum Storage Tank Facilities
INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY..... Recycler Database
HAULERS..... Registered Waste Tire Haulers Listing
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

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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
Toxic Pits	Toxic Pits Cleanup Act Sites
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
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

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US MINES	Mines Master Index File
ABANDONED MINES	Abandoned Mines
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
EMI	Emissions Inventory Data
ENF	Enforcement Action Listing
Financial Assurance	Financial Assurance Information Listing
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
PROC	Certified Processors Database
UIC	UIC Listing
WASTEWATER PITS	Oil Wastewater Pits Listing
WDS	Waste Discharge System
WIP	Well Investigation Program Case List
MILITARY PRIV SITES	MILITARY PRIV SITES (GEOTRACKER)
CIWQS	California Integrated Water Quality System
WELL STIM PROJ	Well Stimulation Project (GEOTRACKER)
UIC GEO	UIC GEO (GEOTRACKER)
SAMPLING POINT	SAMPLING POINT (GEOTRACKER)
PROJECT	PROJECT (GEOTRACKER)
NON-CASE INFO	NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS	OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS	PROD WATER PONDS (GEOTRACKER)

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	EDR Proprietary Manufactured Gas Plants

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF	Recovered Government Archive Solid Waste Facilities List

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.

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EXECUTIVE SUMMARY

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS list

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

A review of the SEMS list, as provided by EDR, and dated 05/18/2018 has revealed that there are 2 SEMS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CALTECH METAL FINISH	***841 31ST STREET***	***SE 1/4 - 1/2 (0.418 mi.)***	***AE144***	***513***

Lower Elevation	Address	Direction / Distance	Map ID	Page
FOSTER'S PLATING	***1570 34TH STREET***	***W 1/4 - 1/2 (0.441 mi.)***	***AK164***	***607***

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 05/18/2018 has revealed that there are 2 SEMS-ARCHIVE sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ZERO WASTE SYSTS INC	1450 32ND ST	WSW 1/4 - 1/2 (0.308 mi.)	V105	340
ELECTRO-COATINGS	***1401 PARK AVENUE***	***NW 1/4 - 1/2 (0.497 mi.)***	***AQ188***	***671***

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 are 2

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CORRACTS sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
TECHNICHEM INCORPORA	*4245 HALLECK ST*	*WNW 1/2 - 1 (0.671 mi.)*	*220*	*854*
PFIZER INC	*4650 SHELLMOUND ST*	*WNW 1/2 - 1 (0.851 mi.)*	*BB245*	*988*

Federal RCRA generators list

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

A review of the RCRA-LQG list, as provided by EDR, and dated 03/01/2018 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FORMER UNOCAL 371572	*3645 SAN PABLO AVE*	*N 0 - 1/8 (0.108 mi.)*	*H50*	*169*

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

A review of the RCRA-SQG list, as provided by EDR, and dated 03/01/2018 has revealed that there are 9 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SHELL OIL CO	*3420 SAN PABLO AVE/3*	*ESE 0 - 1/8 (0.067 mi.)*	*B24*	*97*
BAY AREA AUTOBODY	*1043 W MACARTHUR BLV*	*NNE 1/8 - 1/4 (0.127 mi.)*	*H61*	*222*
GMC TRUCK & COACH DI	*3800 SAN PABLO AVE*	*NNE 1/8 - 1/4 (0.175 mi.)*	*L69*	*242*
H BECK SVC & REPAIR	*1040 APGAR ST*	*NNE 1/8 - 1/4 (0.205 mi.)*	*K76*	*253*
PRECISION MOTORS	*1054 39TH ST*	*NNE 1/8 - 1/4 (0.224 mi.)*	*86*	*284*

Lower Elevation	Address	Direction / Distance	Map ID	Page
FRYER INDUSTRIES, IN	*1073 34TH STREET*	*SSE 0 - 1/8 (0.068 mi.)*	*E27*	*106*
WILLIAM D WHITE CO,	*3427 MAGNOLIA ST*	*W 0 - 1/8 (0.078 mi.)*	*F32*	*114*
WOODEN WINDOW ANNEX	3137 MAGNOLIA ST	SW 1/8 - 1/4 (0.205 mi.)	N77	255
LENNYS AUTO BODY & P	*3116 ADELINE*	*SSW 1/8 - 1/4 (0.222 mi.)*	*Q85*	*281*

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 13 RESPONSE sites

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within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CAL TECH METALS	***825, 829, 841 31ST S***	***SE 1/4 - 1/2 (0.433 mi.)***	***AE160***	***597***
Database: RESPONSE, Date of Government Version: 04/30/2018 Status: Active Facility Id: 1340118				
HARRIS DRY CLEANERS	***2801 MARTIN LUTHER K***	***SE 1/2 - 1 (0.685 mi.)***	***AZ227***	***934***
Database: RESPONSE, Date of Government Version: 04/30/2018 Status: Active Facility Id: 1720109				

Lower Elevation	Address	Direction / Distance	Map ID	Page
LANE METAL FINISHERS	***2942 SAN PABLO AVENU***	***SSE 1/4 - 1/2 (0.429 mi.)***	***AH157***	***549***
Database: RESPONSE, Date of Government Version: 04/30/2018 Status: Active Facility Id: 60000594				
NORTHWESTERN VENETIA	***1218 24TH STREET***	***SSW 1/2 - 1 (0.637 mi.)***	***AU212***	***731***
Database: RESPONSE, Date of Government Version: 04/30/2018 Status: Active Facility Id: 1340123				
SOUTHERN PACIFIC TRA	***1450 SHERWIN AVE***	***NW 1/2 - 1 (0.639 mi.)***	***214***	***736***
Database: RESPONSE, Date of Government Version: 04/30/2018 Status: Certified / Operation & Maintenance Facility Id: 60000189				
COMMERCIAL BUILDINGS	***1250-1276, 1284 W. G***	***SSW 1/2 - 1 (0.747 mi.)***	***235***	***948***
AWP Facility Id: 01720110 Status: Active Facility Id: 1720110				
SOUTHERN PACIFIC - D	***CYPRESS CORRIDOR***	***WSW 1/2 - 1 (0.750 mi.)***	***236***	***955***
AWP Facility Id: 01400009 Status: Certified O&M - Land Use Restrictions Only Facility Id: 1400009				
EMERYVILLE - OPEN TO	***4500 SHELLMOUND ST***	***WNW 1/2 - 1 (0.833 mi.)***	***BB242***	***970***
Database: RESPONSE, Date of Government Version: 04/30/2018 Status: Certified / Operation & Maintenance Facility Id: 1340110				
BNSF WOOD STREET YAR	***WOOD STREET & WEST G***	***WSW 1/2 - 1 (0.884 mi.)***	***BC248***	***1001***
AWP Facility Id: 01400017 Status: Certified O&M - Land Use Restrictions Only Facility Id: 1400017				
CITY OF OAKLAND - SU	***WAKE AVENUE AND WEST***	***WSW 1/2 - 1 (0.905 mi.)***	***249***	***1005***
Database: RESPONSE, Date of Government Version: 04/30/2018 Status: Certified O&M - Land Use Restrictions Only Facility Id: 80001227				
OAKLAND ARMY RESERVE	***15 ENGINEER ROAD***	***W 1/2 - 1 (0.953 mi.)***	***256***	***1028***
Database: RESPONSE, Date of Government Version: 04/30/2018 Status: Certified Facility Id: 71000002				
MARCHANT/WHITNEY	***5679 HORTON STREET***	***NW 1/2 - 1 (0.980 mi.)***	***BE257***	***1043***
Database: RESPONSE, Date of Government Version: 04/30/2018				

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Status: Active
Facility Id: 60001628

5701 HOLLIS STREET ***5701 HOLLIS STREET*** ***NNW 1/2 - 1 (0.994 mi.)*** ***258*** ***1066***
Database: RESPONSE, Date of Government Version: 04/30/2018
Status: Refer: 1248 Local Agency
Facility Id: 60001845

State- and tribal - equivalent CERCLIS

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

A review of the ENVIROSTOR list, as provided by EDR, and dated 04/30/2018 has revealed that there are 66 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
3706 SAN PABLO AVENU Facility Id: 60001510 Status: Refer: Other Agency	3706 SAN PABLO AVENU	NNE 0 - 1/8 (0.110 mi.)	H54	181
A C TRANSIT - EMERYV Facility Id: 1410002 Status: Refer: RWQCB	45TH STREET & SAN PA	NNW 1/4 - 1/2 (0.331 mi.)	111	367
CALTECH METAL FINISH Facility Id: 71002363 Status: Refer: Other Agency	***841 31ST STREET***	***SE 1/4 - 1/2 (0.418 mi.)***	***AE144***	***513***
CAL TECH METALS Facility Id: 1340118 Status: Active	***825, 829, 841 31ST S***	***SE 1/4 - 1/2 (0.433 mi.)***	***AE160***	***597***
OAKLAND NATIONAL ENG Facility Id: 60001222 Status: Inactive - Withdrawn	***1001 42ND ST***	***NNE 1/4 - 1/2 (0.444 mi.)***	***AL167***	***612***
ST ALBANS SENIOR CEN Facility Id: 1580001 Status: Refer: Other Agency	I-80 FRONTAGE ROAD,	N 1/2 - 1 (0.515 mi.)	194	684
OAKLAND LAUNDRY COMP Facility Id: 1720100 Status: No Further Action	***730 29TH STREET***	***SE 1/2 - 1 (0.578 mi.)***	***201***	***694***
LUCKY'S AUTO BODY Facility Id: 1990026 Status: Refer: Other Agency	3860/3884 MARTIN LUT	ENE 1/2 - 1 (0.589 mi.)	203	698
EMERY SECONDARY SCHO	***4727 SAN PABLO AVE.***	***NNW 1/2 - 1 (0.684 mi.)***	***225***	***923***

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Facility Id: 60001868 Status: Certified				
HARRIS DRY CLEANERS Facility Id: 1720109 Status: Active	***2801 MARTIN LUTHER K***	***SE 1/2 - 1 (0.685 mi.)***	***AZ227***	***934***
48TH STREET COMMUNIT Facility Id: 60001474 Status: Refer: Other Agency	***1042 48TH STREET***	***N 1/2 - 1 (0.726 mi.)***	***232***	***942***

Lower Elevation	Address	Direction / Distance	Map ID	Page
DOUG CO METAL FINISH Facility Id: 71002861 Status: Inactive - Needs Evaluation	***1073 34TH ST***	***SSE 0 - 1/8 (0.068 mi.)***	***E29***	***111***
ROMAK IRON WORKS Facility Id: 60000358 Status: No Further Action	***3250 HOLLIS STREET***	***WSW 1/8 - 1/4 (0.208 mi.)***	***80***	***260***
CALIFORNIA ELECTRIC Facility Id: 60000372 Status: Inactive - Needs Evaluation	***3015 ADELINE ST***	***SSW 1/4 - 1/2 (0.270 mi.)***	***Q98***	***312***
ACM ASBESTOS ABATEME Facility Id: 60000371 Status: No Action Required	3438 HELEN STREET	W 1/4 - 1/2 (0.340 mi.)	113	371
MACARTHUR ST. ON-RAM Facility Id: 1470008 Status: No Further Action	***I-580 FROM LOUISE TO***	***W 1/4 - 1/2 (0.341 mi.)***	***114***	***372***
RANSOME COMPANY MAIN Facility Id: 1160019 Status: Refer: Local Agency	***4030 HOLLIS ST***	***NW 1/4 - 1/2 (0.380 mi.)***	***Y124***	***406***
PERALTA ST LLC Facility Id: 1750038 Status: No Further Action	***2847 PERALTA ST***	***SW 1/4 - 1/2 (0.421 mi.)***	***AF146***	***526***
UNITED STAMPING COMP Facility Id: 60001476 Status: No Further Action	***4060-4062 HOLLIS STR***	***NW 1/4 - 1/2 (0.422 mi.)***	***Y150***	***534***
LANE METAL FINISHERS Facility Id: 60000594 Status: Active	***2942 SAN PABLO AVENU***	***SSE 1/4 - 1/2 (0.429 mi.)***	***AH157***	***549***
WEYERHAEUSER CO Facility Id: 60000401 Status: Refer: Local Agency	***4050 HORTON***	***WNW 1/4 - 1/2 (0.470 mi.)***	***175***	***637***
ALAMEDA CHEMICAL AND Facility Id: 1280089 Status: Certified	***2668 HANNAH STREET***	***SW 1/4 - 1/2 (0.474 mi.)***	***AO177***	***645***
ALLIED PAINTER/SHIRE Facility Id: 60000367 Status: No Action Required	3425 ETTIE STREET	W 1/4 - 1/2 (0.487 mi.)	AK183	656
ELECTRO-COATINGS Facility Id: 1340003 Status: Refer: Other Agency	***1421 PARK AVENUE***	***NW 1/2 - 1 (0.511 mi.)***	***AQ192***	***681***
CUSTOM ALLOY SCRAP S	2730 PERALTA STREET	SW 1/2 - 1 (0.514 mi.)	AO193	683

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Facility Id: 60000374 Status: No Action Required				
CHROMEX Facility Id: 1340106 Status: Refer: RCRA	***1400 PARK AVENUE***	***NW 1/2 - 1 (0.527 mi.)***	***AQ195***	***685***
CUSTOM ALLOY SCRAP S Facility Id: 60000373 Status: No Action Required	2601 PERALTA STREET	SW 1/2 - 1 (0.569 mi.)	AR197	688
BELL METAL FABRICATO Facility Id: 60000361 Status: No Further Action	2500 ADELINE	SSW 1/2 - 1 (0.569 mi.)	198	689
ABC CLEANING & LAUND Facility Id: 60000359 Status: Inactive - Needs Evaluation	***2701 SAN PABLO AVE***	***SSE 1/2 - 1 (0.571 mi.)***	***199***	***690***
PAC OVERSEA AIR SVCC Facility Id: 80000689 Status: Inactive - Needs Evaluation	2801 MANDELA PKWY	WSW 1/2 - 1 (0.576 mi.)	AS200	693
MANDELA PARKWAY EXTE Facility Id: 1470006 Status: Inactive - Action Required	***MANDELA PARKWAY AND***	***WSW 1/2 - 1 (0.581 mi.)***	***AT202***	***697***
THOMAS A SHORT CO Facility Id: 1340113 Status: Certified	***3430 WOOD ST***	***W 1/2 - 1 (0.590 mi.)***	***204***	***699***
AT & SF RAILROAD PRO Facility Id: 1400005 Status: Inactive - Needs Evaluation	***ALONG WOOD & 32ND ST***	***WSW 1/2 - 1 (0.595 mi.)***	***AT205***	***705***
GENERAL TRANSPORTATI Facility Id: 1750018 Status: No Further Action	***3211 WOOD ST***	***WSW 1/2 - 1 (0.605 mi.)***	***AT206***	***707***
SUTTA RECYCLING Facility Id: 1280088 Status: Certified	***3401 WOOD STREET***	***W 1/2 - 1 (0.605 mi.)***	***207***	***721***
SEISMIC RETROFIT SFO Facility Id: 60000492 Status: Inactive - Needs Evaluation	***ON INTERSTATE 580 AT***	***W 1/2 - 1 (0.606 mi.)***	***208***	***727***
LAHER SPRING AND ELE Facility Id: 1990016 Status: Certified	2419 MAGNOLIA STREET	SSW 1/2 - 1 (0.611 mi.)	AU209	729
NORTHWESTERN VENETIA Facility Id: 1340123 Status: Active	***1218 24TH STREET***	***SSW 1/2 - 1 (0.637 mi.)***	***AU212***	***731***
SOUTHERN PACIFIC TRA Facility Id: 60000189 Status: Certified / Operation & Maintenance	***1450 SHERWIN AVE***	***NW 1/2 - 1 (0.639 mi.)***	***214***	***736***
MATERIALS DISTRIBUTI Facility Id: 1490011 Status: Active	***4525 HOLLIS ST***	***NW 1/2 - 1 (0.652 mi.)***	***AV216***	***830***
TKG CALIFORNIA STORA Facility Id: 60000712	***2450 MANDELA PARKWAY***	***SW 1/2 - 1 (0.657 mi.)***	***AW217***	***838***

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Status: Certified O&M - Land Use Restrictions Only				
UPRR PARCEL D	***NORTH OF SHERWIN AVE***	***WNW 1/2 - 1 (0.671 mi.)***	***219***	***850***
Facility Id: 60000833				
Status: Refer: Other Agency				
TECHNICHEM INCORPORA	***4245 HALLECK ST***	***WNW 1/2 - 1 (0.671 mi.)***	***220***	***854***
Facility Id: 80001769				
Status: Active				
ARTESIAN OIL RECOVER	2306 MAGNOLIA STREET	SSW 1/2 - 1 (0.677 mi.)	AX221	913
Facility Id: 60000364				
Status: No Action Required				
B & P DISMANTLERS	***2525 WOOD STREET***	***WSW 1/2 - 1 (0.678 mi.)***	***AY223***	***918***
Facility Id: 1750017				
Status: Certified				
FORMER HALL PROPERTY	***2601 WOOD STREET***	***WSW 1/2 - 1 (0.678 mi.)***	***AY224***	***920***
Facility Id: 1280090				
Status: Certified O&M - Land Use Restrictions Only				
RUSS ELLIOT, INC.	2526 WOOD STREET	WSW 1/2 - 1 (0.688 mi.)	228	938
Facility Id: 60000363				
Status: No Action Required				
CYPRESS FREEWAY/BIKE	***MARITIME TO SHELLMOU***	***WNW 1/2 - 1 (0.700 mi.)***	***230***	***940***
Facility Id: 1410119				
Status: Certified O&M - Land Use Restrictions Only				
CHRIS AND GEORGE'S A	2520 WEST STREET	SSE 1/2 - 1 (0.740 mi.)	234	947
Facility Id: 60000362				
Status: Refer: Local Agency				
COMMERCIAL BUILDINGS	***1250-1276, 1284 W. G***	***SSW 1/2 - 1 (0.747 mi.)***	***235***	***948***
Facility Id: 1720110				
Status: Active				
SOUTHERN PACIFIC - D	***CYPRESS CORRIDOR***	***WSW 1/2 - 1 (0.750 mi.)***	***236***	***955***
Facility Id: 1400009				
Status: Certified O&M - Land Use Restrictions Only				
MANDELA GRAND	***MANDELA PARKWAY AND***	***SW 1/2 - 1 (0.820 mi.)***	***BA240***	***966***
Facility Id: 60000433				
Status: Inactive - Needs Evaluation				
MANDELA PARKWAY CORR	***MANDELA PARKWAY BETW***	***SW 1/2 - 1 (0.830 mi.)***	***BA241***	***968***
Facility Id: 1410118				
Status: Certified				
EMERYVILLE - OPEN TO	***4500 SHELLMOUND ST***	***WNW 1/2 - 1 (0.833 mi.)***	***BB242***	***970***
Facility Id: 1340110				
Status: Certified / Operation & Maintenance				
INTERSTATE HIGHWAY 8	***INTERSTATE 80***	***NW 1/2 - 1 (0.849 mi.)***	***244***	***986***
Facility Id: 1990020				
Status: Certified				
PFIZER INC	***4650 SHELLMOUND ST***	***WNW 1/2 - 1 (0.851 mi.)***	***BB245***	***988***
Facility Id: 80001621				
Facility Id: 1280006				
Status: Refer: RWQCB				
Status: Refer: Other Agency				
ARMY-NAVY DISTRIBUTI	2233 WOOD STREET	WSW 1/2 - 1 (0.855 mi.)	BC246	998

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Facility Id: 80000374
Status: No Further Action

LDS TRUCKING	***2233 WOOD STREET***	***WSW 1/2 - 1 (0.863 mi.)***	***BC247***	***999***
Facility Id: 1420127 Status: Certified				
BNSF WOOD STREET YAR	***WOOD STREET & WEST G***	***WSW 1/2 - 1 (0.884 mi.)***	***BC248***	***1001***
Facility Id: 1400017 Status: Certified O&M - Land Use Restrictions Only				
CITY OF OAKLAND - SU	***WAKE AVENUE AND WEST***	***WSW 1/2 - 1 (0.905 mi.)***	***249***	***1005***
Facility Id: 80001227 Status: Certified O&M - Land Use Restrictions Only				
SHELLMOUND VENTURE P	***SHELLMOUND STREET***	***NW 1/2 - 1 (0.934 mi.)***	***253***	***1023***
Facility Id: 1330039 Status: Certified O&M - Land Use Restrictions Only				
HORTON LANDING PARK	***STANFORD AVENUE & HO***	***NW 1/2 - 1 (0.943 mi.)***	***BE255***	***1026***
Facility Id: 60001477 Status: Refer: Other Agency				
OAKLAND ARMY RESERVE	***15 ENGINEER ROAD***	***W 1/2 - 1 (0.953 mi.)***	***256***	***1028***
Facility Id: 71000002 Status: Certified				
MARCHANT/WHITNEY	***5679 HORTON STREET***	***NW 1/2 - 1 (0.980 mi.)***	***BE257***	***1043***
Facility Id: 60001628 Status: Active				
5701 HOLLIS STREET	***5701 HOLLIS STREET***	***NNW 1/2 - 1 (0.994 mi.)***	***258***	***1066***
Facility Id: 60001845 Facility Id: 1340122 Status: Refer: 1248 Local Agency Status: Refer: RWQCB				
SOUTH BAYFRONT PROJE	***4650, 5500, & 5600 S***	***NW 1/2 - 1 (0.995 mi.)***	***259***	***1069***
Facility Id: 1890019 Status: Certified / Operation & Maintenance				

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

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CITY OF PARIS CLEANI	***3516 ADELINE ST***	***NW 0 - 1/8 (0.018 mi.)***	***A8***	***14***
Database: LUST REG 2, Date of Government Version: 09/30/2004 Database: LUST, Date of Government Version: 06/11/2018 Status: Completed - Case Closed Facility Id: 01-0415 Facility Status: Preliminary site assessment underway Global Id: T0600100379				
CAHON ASSOCIATES INC	***3501 SAN PABLO***	***ESE 0 - 1/8 (0.030 mi.)***	***A11***	***26***
Database: LUST REG 2, Date of Government Version: 09/30/2004 Database: LUST, Date of Government Version: 06/11/2018				

Status: Completed - Case Closed
Facility Id: 01-2395
Facility Status: Case Closed
Global Id: T0600102205
date9: 10/8/1998

SHELL SERVICE STATIO ***3420 SAN PABLO AVE*** ***ESE 0 - 1/8 (0.067 mi.)*** ***B25*** ***100***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed
Facility Id: 01-1358
Facility Status: Pollution Characterization
Global Id: T0600101253

THRIFTY OIL #49 ***3400 SAN PABLO AVE*** ***ESE 0 - 1/8 (0.082 mi.)*** ***G37*** ***119***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed
Facility Id: 01-1478
Facility Status: Pollution Characterization
Global Id: T0600101365

OWENS MORTGAGE INVES 3623 ADELINE ST N 0 - 1/8 (0.085 mi.) D40 131
Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Id: 01-2120
Facility Status: Case Closed
date9: 2/13/1997

AMBASSADOR LAUNDRY ***3623 ADELINE STREET*** ***N 0 - 1/8 (0.085 mi.)*** ***D41*** ***131***
Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed
Global Id: T0600101946
Global Id: T0619717287

LANE SPLITTERS PIZZA ***3645 SAN PABLO AVE*** ***N 0 - 1/8 (0.108 mi.)*** ***H52*** ***176***
Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed
Global Id: T10000002518

SCOTT PROPERTY ***1043 MACARTHUR*** ***NNE 1/8 - 1/4 (0.127 mi.)*** ***H60*** ***220***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed
Facility Status: Preliminary site assessment underway
Global Id: T0600102840

FORMER FG GASOLINE ***3314 SAN PABLO AVE.*** ***SE 1/8 - 1/4 (0.129 mi.)*** ***J62*** ***224***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed
Facility Id: 01-2318
Facility Status: Leak being confirmed
Global Id: T0600102132

OAKLAND TRUCK CENTER ***3800 SAN PABLO AVE*** ***NNE 1/8 - 1/4 (0.175 mi.)*** ***L67*** ***234***
Database: LUST, Date of Government Version: 06/11/2018
Status: Open - Verification Monitoring
Global Id: T06019788682

3902-3906 ADELINE ST ***3902-3906 ADELINE ST*** ***N 1/8 - 1/4 (0.202 mi.)*** ***L74*** ***250***
Database: LUST, Date of Government Version: 06/11/2018

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Status: Open - Site Assessment
Global Id: T10000011182

LOOMIS ARMORED CAR S ***936 BROCKHURST ST*** ***SE 1/8 - 1/4 (0.207 mi.)*** ***O78*** ***257***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed
Facility Id: 01-0924
Facility Status: Case Closed
Global Id: T0600100849
date9: 7/7/1997

PERALTA STREET RIGHT ***3889 SAN PABLO AVE*** ***N 1/4 - 1/2 (0.252 mi.)*** ***S94*** ***299***
Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed
Global Id: T10000004673

CHEVRON #9-2029 ***890 W. MACARTHUR BLV*** ***ENE 1/4 - 1/2 (0.258 mi.)*** ***T96*** ***303***
Database: LUST, Date of Government Version: 06/11/2018
Status: Open - Assessment & Interim Remedial Action
Global Id: T0600173887

FIDELITY ROOF CO ***1075 40TH ST*** ***NNE 1/4 - 1/2 (0.317 mi.)*** ***107*** ***345***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed
Facility Id: 01-2301
Facility Status: Remedial action (cleanup) Underway
Global Id: T0600102117

TOSCANA BAKING COMPA ***4070 SAN PABLO AVE*** ***N 1/4 - 1/2 (0.320 mi.)*** ***W108*** ***358***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed
Facility Id: 01-1289
Facility Status: Preliminary site assessment underway
Global Id: T0600101186

CELIS TEXACO SERVICE ***4000 SAN PABLO AVE*** ***N 1/4 - 1/2 (0.343 mi.)*** ***W115*** ***374***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 06/11/2018
Status: Open - Eligible for Closure
Facility Id: 01-1938
Facility Status: Preliminary site assessment workplan submitted
Global Id: T0600101794

TOSCANA BAKERY ***3924 MARKET ST*** ***NE 1/4 - 1/2 (0.381 mi.)*** ***126*** ***418***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 06/11/2018
Status: Open - Site Assessment
Facility Id: 01-1290
Facility Status: Preliminary site assessment underway
Global Id: T0600101187

DUNNE QUALITY PAINTS ***1007 41ST ST*** ***NNE 1/4 - 1/2 (0.390 mi.)*** ***Z129*** ***435***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 06/11/2018
Status: Open - Eligible for Closure
Facility Id: 01-1827
Facility Status: Preliminary site assessment underway

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Global Id: T0600101693

CALIFORNIA LINEN SUP ***989 41ST ST*** ***NNE 1/4 - 1/2 (0.398 mi.)*** ***132*** ***457***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed
Facility Id: 01-0267
Facility Status: Preliminary site assessment underway
Global Id: T0600100249

AMERICAN RUBBER MFG ***1199 PARK AVE*** ***NNW 1/4 - 1/2 (0.400 mi.)*** ***AA133*** ***464***
Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed
Global Id: T0600100826

PEPSI-COLA COMPANY / ***1150 PARK AVENUE*** ***NNW 1/4 - 1/2 (0.400 mi.)*** ***AB137*** ***480***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed
Facility Id: 01-0127
Facility Status: Remedial action (cleanup) Underway
Global Id: T0600100118

ARCO #04931 ***731 W MACARTHUR BLVD*** ***E 1/4 - 1/2 (0.417 mi.)*** ***AD143*** ***502***
Database: LUST, Date of Government Version: 06/11/2018
Status: Open - Site Assessment
Global Id: T0600100110

RD MINER COMPANY ***750 37TH ST*** ***E 1/4 - 1/2 (0.423 mi.)*** ***AD151*** ***537***
Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed
Global Id: T0600101123

NEIGHBORHOOD LAUNDRO ***3838 WEST*** ***ENE 1/4 - 1/2 (0.438 mi.)*** ***161*** ***601***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed
Facility Id: 01-1726
Facility Status: Preliminary site assessment underway
Global Id: T0600101597

OAKLAND NATIONAL ENG ***1001 42ND ST*** ***NNE 1/4 - 1/2 (0.444 mi.)*** ***AL167*** ***612***
Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed
Global Id: T0600101659

EMERYVILLE REDEVELOP ***4300 SAN PABLO*** ***N 1/4 - 1/2 (0.465 mi.)*** ***AN172*** ***630***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed
Facility Id: 01-0404
Facility Status: Case Closed
Global Id: T0600100369
date9: 5/31/1996

Lower Elevation	Address	Direction / Distance	Map ID	Page
DOUG CO METAL FINISH	***1073 34TH ST***	***SSE 0 - 1/8 (0.068 mi.)***	***E29***	***111***

Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 06/11/2018

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Status: Completed - Case Closed
Facility Id: 01-0854
Facility Status: Preliminary site assessment underway
Global Id: T0600100788

CLAWSON HIGH SCHOOL ***3420 PERALTA ST*** ***W 0 - 1/8 (0.104 mi.)*** ***F48*** ***167***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed
Facility Id: 01-0427
Facility Status: Case Closed
Global Id: T0600100388
date9: 3/30/1999

CITY WOOD ***3423 HARLAN ST*** ***WNW 1/8 - 1/4 (0.139 mi.)*** ***63*** ***230***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed
Facility Id: 01-0181
Facility Status: Case Closed
Global Id: T0600100168
date9: 2/15/1995

HEMSATH DRAYAGE ***1350 34TH*** ***W 1/8 - 1/4 (0.179 mi.)*** ***M71*** ***246***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed
Facility Id: 01-0507
Facility Status: Case Closed
Global Id: T0600100461
date9: 10/28/1994

ROMAK IRON WORKS ***3250 HOLLIS STREET*** ***WSW 1/8 - 1/4 (0.208 mi.)*** ***80*** ***260***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed
Facility Id: 01-0786
Facility Status: Case Closed
Global Id: T0600100723
date9: 8/30/2001

OFFICE MAX 394 ***3839 EMERY ST*** ***NNW 1/8 - 1/4 (0.220 mi.)*** ***P84*** ***274***
Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed
Global Id: T10000008569

ABCO WATERPROOFING ***3135 FILBERT*** ***SSE 1/8 - 1/4 (0.228 mi.)*** ***87*** ***286***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed
Facility Id: 01-2425
Facility Status: Case Closed
Global Id: T0600102234
date9: 12/17/1999

GUITON CHARTER BUS S ***3421 HOLLIS ST*** ***W 1/8 - 1/4 (0.231 mi.)*** ***R88*** ***288***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed
Facility Id: 01-0731

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Facility Status: Case Closed
Global Id: T0600100674
date9: 6/7/1996

CALIFORNIA ELECTRIC ***3015 ADELINE ST*** ***SSW 1/4 - 1/2 (0.270 mi.)*** ***Q98*** ***312***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed
Facility Id: 01-1761
Facility Status: Case Closed
Global Id: T0600101629
date9: 7/8/1997

YERBA BUENA - EAST B ***3838 HOLLIS ST*** ***NW 1/4 - 1/2 (0.270 mi.)*** ***U100*** ***322***
Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed
Global Id: T10000004342

CROWLEY, KENT ***3016 FILBERT*** ***SSE 1/4 - 1/2 (0.297 mi.)*** ***103*** ***336***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed
Facility Id: 01-1698
Facility Status: Case Closed
Global Id: T0600101569
date9: 11/19/1992

ATLAS HEATING & AIR ***1451 32ND AVE*** ***WSW 1/4 - 1/2 (0.312 mi.)*** ***V106*** ***341***
Database: LUST, Date of Government Version: 06/11/2018
Status: Open - Site Assessment
Global Id: T0600105911

PARTCH PROPERTY ***2856 HELEN ST*** ***WSW 1/4 - 1/2 (0.350 mi.)*** ***120*** ***400***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed
Facility Id: 01-2431
Facility Status: Preliminary site assessment underway
Global Id: T0600102240

WSB ELECTRIC COMPANY ***3032 MARKET ST*** ***SSE 1/4 - 1/2 (0.363 mi.)*** ***123*** ***403***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed
Facility Id: 01-1759
Facility Status: Case Closed
Global Id: T0600101627
date9: 4/16/1997

RANSOME COMPANY MAIN ***4030 HOLLIS ST*** ***NW 1/4 - 1/2 (0.380 mi.)*** ***Y124*** ***406***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed
Global Id: T0600101124

BAY AREA WAREHOUSE C ***4001 HOLLIS ST*** ***NW 1/4 - 1/2 (0.380 mi.)*** ***Y125*** ***417***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Id: 01-0155
Facility Status: Preliminary site assessment underway

BASHLAND INC ***4015 HOLLIS*** ***NW 1/4 - 1/2 (0.382 mi.)*** ***Y127*** ***427***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 06/11/2018

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Status: Completed - Case Closed
Facility Id: 01-1723
Facility Status: Preliminary site assessment underway
Global Id: T0600101594

SWEET MARIA'S COFFEE ***2823 ADELINE ST*** ***SSW 1/4 - 1/2 (0.385 mi.)*** ***128*** ***431***
Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed
Global Id: T10000006202

MODERN MAIL EXPRESS ***2836 UNION ST*** ***SW 1/4 - 1/2 (0.390 mi.)*** ***131*** ***453***
Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed
Global Id: T0600105641

BABIES R US ***3938 HORTON ST*** ***WNW 1/4 - 1/2 (0.400 mi.)*** ***135*** ***465***
Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed
Global Id: T0600100144

GEROW PROPERTIES ***1255 PARK*** ***NW 1/4 - 1/2 (0.416 mi.)*** ***AC142*** ***500***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed
Facility Id: 01-2142
Facility Status: Case Closed
Global Id: T0600101968
date9: 5/3/1996

LINFORD AIR AND REFR ***2850 POPLAR*** ***SW 1/4 - 1/2 (0.421 mi.)*** ***AG147*** ***530***
Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed
Global Id: T0600100839

LINFORD AIR & REFRIG ***2850 POPLAR ST*** ***SW 1/4 - 1/2 (0.421 mi.)*** ***AG148*** ***532***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Id: 01-0913
Facility Status: Case Closed
date9: 12/8/1999

BROOK'S AUTO SERVICE ***1101 28TH*** ***SSW 1/4 - 1/2 (0.430 mi.)*** ***158*** ***588***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 06/11/2018
Status: Open - Eligible for Closure
Facility Id: 21-2304
Facility Status: Preliminary site assessment underway
Global Id: T0600102303

RUSH PROPERTY 28TH S ***1173 28TH STREET*** ***SSW 1/4 - 1/2 (0.433 mi.)*** ***AI159*** ***593***
Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed
Global Id: T0600194544

CITY OF EMERYVILLE ***1333 PARK AVE*** ***NW 1/4 - 1/2 (0.440 mi.)*** ***AJ163*** ***604***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed
Facility Id: 01-0403
Facility Status: Preliminary site assessment underway
Global Id: T0600100368

J H FITZMAURICE INC ***2857 HANNAH*** ***WSW 1/4 - 1/2 (0.443 mi.)*** ***165*** ***609***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 06/11/2018

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Status: Completed - Case Closed
Facility Id: 01-0811
Facility Status: Case Closed
Global Id: T0600100747
date9: 12/1/1995

NONE ***1229 28TH*** ***SW 1/4 - 1/2 (0.446 mi.)*** ***AM168*** ***623***
Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed
Global Id: T0600100047

GOLDEN STATE LINEN S ***958 28TH*** ***S 1/4 - 1/2 (0.449 mi.)*** ***170*** ***626***
Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed
Global Id: T0600100080

TUNE-UP MASTERS #318 ***2901 SAN PABLO*** ***SSE 1/4 - 1/2 (0.452 mi.)*** ***AH171*** ***628***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed
Facility Id: 01-1811
Facility Status: Case Closed
Global Id: T0600101679
date9: 7/13/1995

CONSTRUCTION YARD ***3428 ETTIE ST*** ***W 1/4 - 1/2 (0.469 mi.)*** ***AK173*** ***632***
Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed
Global Id: T0600101390

TULLUCH CONSTRUCTION 3428 ETTIE ST W 1/4 - 1/2 (0.469 mi.) AK174 637
Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Id: 01-1506
Facility Status: Pollution Characterization

WEYERHAEUSER CO ***4050 HORTON*** ***WNW 1/4 - 1/2 (0.470 mi.)*** ***175*** ***637***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed
Facility Id: 01-1186
Facility Status: Leak being confirmed
Global Id: T10000004352
Global Id: T0600101092

CALIFORNIA AUTO REPA ***2801 SAN PABLO AVE*** ***SSE 1/4 - 1/2 (0.481 mi.)*** ***178*** ***648***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed
Facility Id: 01-2181
Facility Status: Case Closed
Global Id: T0600102005
date9: 11/7/1996

DEL MONTE PLANT #35 ***4202 HOLLIS ST*** ***NW 1/4 - 1/2 (0.482 mi.)*** ***AJ179*** ***651***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed
Facility Id: 01-0481
Facility Status: Pollution Characterization
Global Id: T0600100437

OAKLAND CITY OF ETTI 3455 ETTIE ST W 1/4 - 1/2 (0.487 mi.) AP181 653
Database: LUST REG 2, Date of Government Version: 09/30/2004

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Facility Id: 01-2424
Facility Status: Case Closed
date9: 3/25/1999

CITY OF OAKLAND ***3455 ETTIE*** ***W 1/4 - 1/2 (0.487 mi.)*** ***AP182*** ***653***
Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed
Global Id: T0600102233

LINFORD MAGNOLIA PRO ***2650 MAGNOLIA STREET*** ***SSW 1/4 - 1/2 (0.488 mi.)*** ***184*** ***657***
Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed
Global Id: T0619700438

HENRY SHIREK ESTATE ***3425 ETTIE ST*** ***W 1/4 - 1/2 (0.488 mi.)*** ***AK185*** ***660***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed
Facility Id: 01-1387
Facility Status: Case Closed
Global Id: T0600101281
date9: 6/25/1993

ELECTRO-COATINGS INC ***1401-1421 PARK AVENU*** ***NW 1/4 - 1/2 (0.497 mi.)*** ***AQ187*** ***662***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 06/11/2018
Status: Open - Assessment & Interim Remedial Action
Facility Id: 01-2333
Facility Status: Preliminary site assessment workplan submitted
Global Id: T0600102145

CALTRANS OAKLAND MAI ***3465 ETTIE STREET*** ***W 1/4 - 1/2 (0.499 mi.)*** ***AP191*** ***677***
Database: LUST REG 2, Date of Government Version: 09/30/2004
Database: LUST, Date of Government Version: 06/11/2018
Status: Completed - Case Closed
Facility Id: 01-2319
Facility Status: Preliminary site assessment underway
Global Id: T0600102133

DRAFT

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 21 CPS-SLIC sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
3706 SAN PABLO	***3706 SAN PABLO***	***NNE 0 - 1/8 (0.110 mi.)***	***H56***	***211***
Database: CPS-SLIC, Date of Government Version: 06/11/2018 Facility Status: Open - Site Assessment Global Id: T10000009021				
3800 SAN PABLO AVENU	***3800 SAN PABLO AVENU***	***NNE 1/8 - 1/4 (0.175 mi.)***	***L66***	***233***
Database: CPS-SLIC, Date of Government Version: 06/11/2018 Facility Status: Open - Remediation Global Id: T10000010062				
SNK ANDANTE PROJECT	***3992 SAN PABLO***	***N 1/4 - 1/2 (0.275 mi.)***	***S101***	***334***
Database: CPS-SLIC, Date of Government Version: 06/11/2018				

Facility Status: Open - Inactive
Global Id: T06019738255

CITY OF EMERYVILLE /	***4001 ADELINE ST***	***N 1/4 - 1/2 (0.344 mi.)***	***X116***	***383***

Database: CPS-SLIC, Date of Government Version: 06/11/2018
Facility Status: Open - Site Assessment
Global Id: T10000001166

OAK WALK REDEVELOPME	***4090 SAN PABLO AVENU***	***N 1/4 - 1/2 (0.349 mi.)***	***W119***	***397***

Database: CPS-SLIC, Date of Government Version: 06/11/2018
Facility Status: Completed - Case Closed
Global Id: T06019705080

DUNNE QUALITY PAINTS	***1007 41ST ST***	***NNE 1/4 - 1/2 (0.390 mi.)***	***Z129***	***435***

Database: CPS-SLIC, Date of Government Version: 06/11/2018
Facility Status: Completed - Case Closed
Global Id: T0600191499

OAKLAND NATIONAL ENG	***UNKNOWN 41ST AVE & A***	***NNE 1/4 - 1/2 (0.411 mi.)***	***Z141***	***499***

Database: SLIC REG 2, Date of Government Version: 09/30/2004
Database: CPS-SLIC, Date of Government Version: 06/11/2018
Facility Status: Open - Inactive
Facility Id: 01S0332
Global Id: T0600191527

OAKLAND NATIONAL ENG	***1001 42ND ST***	***NNE 1/4 - 1/2 (0.444 mi.)***	***AL166***	***611***

Database: SLIC REG 2, Date of Government Version: 09/30/2004
Facility Id: 01S0137

Lower Elevation	Address	Direction / Distance	Map ID	Page
MAGNOLIA STREET LLC	***1200 32ND ST***	***SW 1/8 - 1/4 (0.185 mi.)***	***N72***	***248***

Database: CPS-SLIC, Date of Government Version: 06/11/2018
Facility Status: Completed - Case Closed
Global Id: T06019777619

LITTLE PROPERTY	***1201 32ND***	***SW 1/8 - 1/4 (0.199 mi.)***	***N73***	***249***

Database: CPS-SLIC, Date of Government Version: 06/11/2018
Facility Status: Open - Site Assessment
Global Id: T06019780605

ADELINE FOUNDRY	***3037-3115 ADELINE ST***	***SSW 1/8 - 1/4 (0.239 mi.)***	***Q92***	***294***

Database: CPS-SLIC, Date of Government Version: 06/11/2018
Facility Status: Completed - Case Closed
Global Id: T10000006053

M SQUARED DEVELOPMEN	***1450 32ND STREET***	***WSW 1/4 - 1/2 (0.308 mi.)***	***V104***	***338***

Database: CPS-SLIC, Date of Government Version: 06/11/2018
Facility Status: Completed - Case Closed
Global Id: T10000006297

EAST BAYBRIDGE CENTE	***UNKNOWN YERBA BUENA***	***WNW 1/4 - 1/2 (0.322 mi.)***	***109***	***364***

Database: SLIC REG 2, Date of Government Version: 09/30/2004
Database: CPS-SLIC, Date of Government Version: 06/11/2018
Facility Status: Completed - Case Closed
Facility Id: 01S0226
Global Id: T0600191518

SAN CARLOS BEACH	***1549 32ND***	***WSW 1/4 - 1/2 (0.404 mi.)***	***138***	***483***

Database: CPS-SLIC, Date of Government Version: 06/11/2018
Facility Status: Open - Remediation

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Global Id: T06019741226				
PIXAR ANIMATION STUD	1250 PARK AVENUE (AK	NNW 1/4 - 1/2 (0.423 mi.)	AC153	541
Database: CPS-SLIC, Date of Government Version: 06/11/2018 Facility Status: Open - Remediation Global Id: T10000000727				
DEL MONTE CORPORATIO	***1250 PARK AVENUE***	***NNW 1/4 - 1/2 (0.423 mi.)***	***AC154***	***542***
Database: CPS-SLIC, Date of Government Version: 06/11/2018 Facility Status: Open - Inactive Global Id: SL20231849				
CHUNG PROPERTY / LAN	***2942 SAN PABLO AVE***	***SSE 1/4 - 1/2 (0.429 mi.)***	***AH155***	***543***
Database: CPS-SLIC, Date of Government Version: 06/11/2018 Facility Status: Open - Site Assessment Global Id: SL0600138148				
OAKLAND TERMINAL RAI	***HWY 80/HWY 580 INTER***	***W 1/4 - 1/2 (0.448 mi.)***	***169***	***625***
Database: SLIC REG 2, Date of Government Version: 09/30/2004 Database: CPS-SLIC, Date of Government Version: 06/11/2018 Facility Status: Completed - Case Closed Facility Id: 01S0542 Global Id: SL1823M1136				
CUSTOM ALLOY SCRAP S	***2711 UNION***	***SW 1/4 - 1/2 (0.472 mi.)***	***AM176***	***644***
Database: CPS-SLIC, Date of Government Version: 06/11/2018 Facility Status: Open - Site Assessment Global Id: T06019746121				
DEL MONTE PLANT 35	4204/1250 HOLLIS STR	NW 1/4 - 1/2 (0.489 mi.)	AJ186	662
Database: SLIC REG 2, Date of Government Version: 09/30/2004 Facility Id: SL20231849				
ELECTRO-COATINGS INC	***1401 PARK AVENUE***	***NW 1/4 - 1/2 (0.497 mi.)***	***AQ189***	***674***
Database: SLIC REG 2, Date of Government Version: 09/30/2004 Database: CPS-SLIC, Date of Government Version: 06/11/2018 Facility Status: Open - Inactive Facility Id: SL20254872 Global Id: SL20254872				

DRAFT

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 04/05/2018 has revealed that there are 77 Alameda County CS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CITY OF PARIS CLEANI	***3516 ADELINE ST***	***NW 0 - 1/8 (0.018 mi.)***	***A8***	***14***
Status: Pollution Characterization Record Id: RO0000133				
CAHON ASSOCIATES INC	***3501 SAN PABLO***	***ESE 0 - 1/8 (0.030 mi.)***	***A11***	***26***
Status: Case Closed Record Id: RO0000610				
SHELL SERVICE STATIO	***3420 SAN PABLO AVE***	***ESE 0 - 1/8 (0.067 mi.)***	***B25***	***100***
Status: Case Closed Record Id: RO0000006				
THRIFTY OIL #49	***3400 SAN PABLO AVE***	***ESE 0 - 1/8 (0.082 mi.)***	***G37***	***119***

Status: Case Closed Record Id: RO0000004				
AMBASSADOR LAUNDRY Status: Case Closed Record Id: RO0000879 Record Id: RO0002973	***3623 ADELINE STREET***	***N 0 - 1/8 (0.085 mi.)***	***D41***	***131***
LANE SPLITTERS PIZZA Status: Leak Confirmation Record Id: RO0003068	***3645 SAN PABLO AVE***	***N 0 - 1/8 (0.108 mi.)***	***H52***	***176***
SCOTT PROPERTY Status: Case Closed Record Id: RO0002594	1043 W MACARTHUR BLV	NNE 1/8 - 1/4 (0.127 mi.)	H59	220
FORMER FG GASOLINE Status: Preliminary Site Assessment Workplan Submitted Record Id: RO0000131	***3314 SAN PABLO AVE.***	***SE 1/8 - 1/4 (0.129 mi.)***	***J62***	***224***
BLAZIC INDUSTRIAL BA Status: Case Closed Record Id: RO0000985	1016 W MACARTHUR BLV	NNE 1/8 - 1/4 (0.171 mi.)	K64	232
OAKLAND TRUCK CENTER Status: Leak Confirmation Status: Pollution Characterization Record Id: RO0002520 Record Id: RO0003237	***3800 SAN PABLO AVE***	***NNE 1/8 - 1/4 (0.175 mi.)***	***L67***	***234***
OAKLAND TRUCK CENTER Status: Pollution Characterization Record Id: RO0003200	***3800 SAN PABLO AVE***	***NNE 1/8 - 1/4 (0.175 mi.)***	***L68***	***241***
3902-3906 ADELINE ST Status: Leak Confirmation Record Id: RO0003219	3902-3096 ADELINE ST	N 1/8 - 1/4 (0.202 mi.)	L75	253
LOOMIS ARMORED CAR S Status: Case Closed Record Id: RO0001099	***936 BROCKHURST ST***	***SE 1/8 - 1/4 (0.207 mi.)***	***O78***	***257***
PERALTA STREET RIGHT Status: Case Closed Record Id: RO0003111	3889 SAN PABLO AVE	N 1/4 - 1/2 (0.252 mi.)	S95	303
92029 Status: Preliminary Site Assessment Workplan Submitted Record Id: RO0002438	***890 W MACARTHUR BLVD***	***ENE 1/4 - 1/2 (0.258 mi.)***	***T97***	***310***
SNK ANDANTE PROJECT Status: Leak Confirmation Record Id: RO0002530	***3992 SAN PABLO***	***N 1/4 - 1/2 (0.275 mi.)***	***S101***	***334***
FIDELITY ROOF CO Status: Case Closed Record Id: RO0000186	***1075 40TH ST***	***NNE 1/4 - 1/2 (0.317 mi.)***	***107***	***345***
TOSCANA BAKING COMPA Record Id: RO0000171	***4070 SAN PABLO AVE***	***N 1/4 - 1/2 (0.320 mi.)***	***W108***	***358***
CELIS TEXACO SERVICE Status: Pollution Characterization Record Id: RO0000453	***4000 SAN PABLO AVE***	***N 1/4 - 1/2 (0.343 mi.)***	***W115***	***374***
CITY OF EMERYVILLE /	***4001 ADELINE ST***	***N 1/4 - 1/2 (0.344 mi.)***	***X116***	***383***

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Status: Pollution Characterization Record Id: RO0003004				
OAK WALK REDEVELOPME Record Id: RO0002733	4090 SAN PABLO AVE	N 1/4 - 1/2 (0.349 mi.)	W118	397
TOSCANA BAKERY Status: Remedial Action Underway Record Id: RO0000490	***3924 MARKET ST***	***NE 1/4 - 1/2 (0.381 mi.)***	***126***	***418***
DUNNE QUALITY PAINTS Status: Pollution Characterization Record Id: RO0000073	***1007 41ST ST***	***NNE 1/4 - 1/2 (0.390 mi.)***	***Z129***	***435***
CALIFORNIA LINEN SUP Status: Case Closed Record Id: RO0000337	***989 41ST ST***	***NNE 1/4 - 1/2 (0.398 mi.)***	***132***	***457***
AMERICAN RUBBER MFG Status: Case Closed Record Id: RO0003072	***1199 PARK AVE***	***NNW 1/4 - 1/2 (0.400 mi.)***	***AA133***	***464***
PEPSI COLA BOTTLING Record Id: RO0000064	***1150 PARK AVE***	***NNW 1/4 - 1/2 (0.400 mi.)***	***AB136***	***478***
ARCO #04931 Status: Verificaiton Monitoring Underway Record Id: RO0000076	***731 W MACARTHUR BLVD***	***E 1/4 - 1/2 (0.417 mi.)***	***AD143***	***502***
RD MINER COMPANY Status: Case Closed Record Id: RO0003064	***750 37TH ST***	***E 1/4 - 1/2 (0.423 mi.)***	***AD151***	***537***
NEIGHBORHOOD LAUNDRO Status: Case Closed Record Id: RO0000242	***3838 WEST***	***ENE 1/4 - 1/2 (0.438 mi.)***	***161***	***601***
OAKLAND NATIONAL ENG Status: Pollution Characterization Record Id: RO0000079	***1001 42ND ST***	***NNE 1/4 - 1/2 (0.444 mi.)***	***AL167***	***612***
EMERYVILLE REDEVELOP Status: Case Closed Record Id: RO0000860	***4300 SAN PABLO***	***N 1/4 - 1/2 (0.465 mi.)***	***AN172***	***630***

Lower Elevation	Address	Direction / Distance	Map ID	Page
DOUG CO METAL FINISH Status: Case Closed Record Id: RO0000214	***1073 34TH ST***	***SSE 0 - 1/8 (0.068 mi.)***	***E29***	***111***
CLAWSON HIGH SCHOOL Status: Case Closed Record Id: RO0001065	***3420 PERALTA ST***	***W 0 - 1/8 (0.104 mi.)***	***F48***	***167***
CITY WOOD Status: Case Closed Record Id: RO0001184	***3423 HARLAN ST***	***WNW 1/8 - 1/4 (0.139 mi.)***	***63***	***230***
HEMSATH DRAYAGE Status: Case Closed Record Id: RO0000706	***1350 34TH***	***W 1/8 - 1/4 (0.179 mi.)***	***M71***	***246***
MAGNOLIA STREET LLC	***1200 32ND ST***	***SW 1/8 - 1/4 (0.185 mi.)***	***N72***	***248***

DRAFT

Status: Case Closed Record Id: RO0002677				
LITTLE PROPERTY Status: Preliminary Site Assessment Underway Record Id: RO0002728	***1201 32ND***	***SW 1/8 - 1/4 (0.199 mi.)***	***N73***	***249***
ROMAK IRON WORKS Status: Case Closed Record Id: RO0000249	***3250 HOLLIS STREET***	***WSW 1/8 - 1/4 (0.208 mi.)***	***80***	***260***
OFFICE MAX 394 Status: Leak Confirmation Record Id: RO0003210	***3839 EMERY ST***	***NNW 1/8 - 1/4 (0.220 mi.)***	***P84***	***274***
ABCO WATERPROOFING Status: Case Closed Record Id: RO0001024	***3135 FILBERT***	***SSE 1/8 - 1/4 (0.228 mi.)***	***87***	***286***
GUITON CHARTER BUS S Status: Case Closed Record Id: RO0000856	***3421 HOLLIS ST***	***W 1/8 - 1/4 (0.231 mi.)***	***R88***	***288***
FORMER ADELINE FOUND Record Id: RO0003257	3037-3101 ADELINE ST	SSW 1/8 - 1/4 (0.239 mi.)	Q91	294
ADELINE FOUNDRY Status: Pollution Characterization Record Id: RO0003142	***3037-3115 ADELINE ST***	***SSW 1/8 - 1/4 (0.239 mi.)***	***Q92***	***294***
CALIFORNIA ELECTRIC Status: Case Closed Record Id: RO0001136	***3015 ADELINE ST***	***SSW 1/4 - 1/2 (0.270 mi.)***	***Q98***	***312***
YERBA BUENA - EAST B Status: Leak Confirmation Record Id: RO0003093	***3838 HOLLIS ST***	***NW 1/4 - 1/2 (0.270 mi.)***	***U100***	***322***
CROWLEY, KENT Status: Case Closed Record Id: RO0000790	***3016 FILBERT***	***SSE 1/4 - 1/2 (0.297 mi.)***	***103***	***336***
ATLAS HEATING & AIR Status: Preliminary Site Assessment Underway Record Id: RO0002592	***1451 32ND AVE***	***WSW 1/4 - 1/2 (0.312 mi.)***	***V106***	***341***
PARTCH PROPERTY Status: Case Closed Record Id: RO0000177	***2856 HELEN ST***	***WSW 1/4 - 1/2 (0.350 mi.)***	***120***	***400***
WSB ELECTRIC COMPANY Status: Case Closed Record Id: RO0001181	***3032 MARKET ST***	***SSE 1/4 - 1/2 (0.363 mi.)***	***123***	***403***
RANSOME COMPANY MAIN Status: Pollution Characterization Record Id: RO0000049	***4030 HOLLIS ST***	***NW 1/4 - 1/2 (0.380 mi.)***	***Y124***	***406***
BAY AREA WAREHOUSE C Status: Case Closed Record Id: RO0000369	***4001 HOLLIS ST***	***NW 1/4 - 1/2 (0.380 mi.)***	***Y125***	***417***
BASHLAND INC Status: Pollution Characterization Record Id: RO0000326	***4015 HOLLIS***	***NW 1/4 - 1/2 (0.382 mi.)***	***Y127***	***427***
SWEET MARIA'S COFFEE	***2823 ADELINE ST***	***SSW 1/4 - 1/2 (0.385 mi.)***	***128***	***431***

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Status: Case Closed Record Id: RO0003146				
MODERN MAIL EXPRESS Status: Case Closed Record Id: RO0002901	***2836 UNION ST***	***SW 1/4 - 1/2 (0.390 mi.)***	***131***	***453***
SAN CARLOS BEACH Status: Pollution Characterization Record Id: RO0002508 Record Id: RO0003160	***1549 32ND***	***WSW 1/4 - 1/2 (0.404 mi.)***	***138***	***483***
GEROW PROPERTIES Status: Case Closed Record Id: RO0000817	***1255 PARK***	***NW 1/4 - 1/2 (0.416 mi.)***	***AC142***	***500***
GIAMPOLINI & COMPANY Record Id: RO0002832	2847 PERALTA ST	SW 1/4 - 1/2 (0.421 mi.)	AF145	526
LINFORD AIR AND REFR Status: Case Closed Record Id: RO0000902	***2850 POPLAR***	***SW 1/4 - 1/2 (0.421 mi.)***	***AG147***	***530***
DEL MONTE CORP.,PLAN Status: Verificaiton Monitoring Underway Record Id: RO0002810	***1250 PARK AVE***	***NNW 1/4 - 1/2 (0.423 mi.)***	***AC152***	***539***
CHUNG PROPERTY / LAN Status: Leak Confirmation Record Id: RO0002567	***2942 SAN PABLO AVE***	***SSE 1/4 - 1/2 (0.429 mi.)***	***AH155***	***543***
BROOK'S AUTO SERVICE Record Id: RO0000222	***1101 28TH***	***SSW 1/4 - 1/2 (0.430 mi.)***	***158***	***588***
RUSH PROPERTY 28TH S Status: Case Closed Record Id: RO0002562	***1173 28TH STREET***	***SSW 1/4 - 1/2 (0.433 mi.)***	***AI159***	***593***
OWOW DEVELOPMENT Record Id: RO0003282	2715 ADELINE ST	SSW 1/4 - 1/2 (0.440 mi.)	AI162	603
CITY OF EMERYVILLE Status: Pollution Characterization Record Id: RO0000065	***1333 PARK AVE***	***NW 1/4 - 1/2 (0.440 mi.)***	***AJ163***	***604***
J H FITZMAURICE INC Status: Case Closed Record Id: RO0000561	***2857 HANNAH***	***WSW 1/4 - 1/2 (0.443 mi.)***	***165***	***609***
NONE Status: Case Closed Record Id: RO0000978	***1229 28TH***	***SW 1/4 - 1/2 (0.446 mi.)***	***AM168***	***623***
GOLDEN STATE LINEN S Status: Case Closed Record Id: RO0001078	***958 28TH***	***S 1/4 - 1/2 (0.449 mi.)***	***170***	***626***
TUNE-UP MASTERS #318 Status: Case Closed Record Id: RO0001188	***2901 SAN PABLO***	***SSE 1/4 - 1/2 (0.452 mi.)***	***AH171***	***628***
CONSTRUCTION YARD Status: Preliminary Site Assessment Underway Record Id: RO0000128	***3428 ETTIE ST***	***W 1/4 - 1/2 (0.469 mi.)***	***AK173***	***632***
WEYERHAEUSER CO	***4050 HORTON***	***WNW 1/4 - 1/2 (0.470 mi.)***	***175***	***637***

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Status: Case Closed Record Id: RO0000328 Record Id: RO0003103				
CUSTOM ALLOY SCRAP S Status: Pollution Characterization Record Id: RO0002489	***2711 UNION***	***SW 1/4 - 1/2 (0.472 mi.)***	***AM176***	***644***
CALIFORNIA AUTO REPA Status: Case Closed Record Id: RO0002458	***2801 SAN PABLO AVE***	***SSE 1/4 - 1/2 (0.481 mi.)***	***178***	***648***
CITY OF OAKLAND Status: Case Closed Record Id: RO0000992	***3455 ETTIE***	***W 1/4 - 1/2 (0.487 mi.)***	***AP182***	***653***
LINFORD MAGNOLIA PRO Status: Leak Confirmation Record Id: RO0002961	***2650 MAGNOLIA STREET***	***SSW 1/4 - 1/2 (0.488 mi.)***	***184***	***657***
HENRY SHIREK ESTATE Status: Case Closed Record Id: RO0001206	***3425 ETTIE ST***	***W 1/4 - 1/2 (0.488 mi.)***	***AK185***	***660***
ELECTRO-COATINGS INC Status: Pollution Characterization Record Id: RO0000399	1401-1421 PARK AVE	NW 1/4 - 1/2 (0.497 mi.)	AQ190	677
CALTRANS OAKLAND MAI Status: Case Closed Record Id: RO0000503	***3465 ETTIE STREET***	***W 1/4 - 1/2 (0.499 mi.)***	***AP191***	***677***

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State and tribal registered storage tank lists

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

A review of the UST list, as provided by EDR, has revealed that there are 3 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
AAA SAN PABLO FUEL D Database: UST, Date of Government Version: 06/11/2018 Database: ALAMEDA CO. UST, Date of Government Version: 04/05/2018 Facility Id: FA0321505 Facility Status: 01	3420 SAN PABLO AVE	ESE 0 - 1/8 (0.067 mi.)	B23	97
ARCO FACILITY #9535 Database: UST, Date of Government Version: 06/11/2018 Facility Id: 109	3400 SAN PABLO AVE	ESE 0 - 1/8 (0.082 mi.)	G38	130
TESORO (MOBIL) 63049 Database: UST, Date of Government Version: 06/11/2018 Database: ALAMEDA CO. UST, Date of Government Version: 04/05/2018 Facility Id: FA0321041 Facility Status: 01	3400 SAN PABLO AVE	ESE 0 - 1/8 (0.086 mi.)	G42	139

EXECUTIVE SUMMARY

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 04/30/2018 has revealed that there are 3 VCP sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
MACARTHUR ST. ON-RAM Status: No Further Action Facility Id: 1470008	***I-580 FROM LOUISE TO***	***W 1/4 - 1/2 (0.341 mi.)***	***114***	***372***
PERALTA ST LLC Status: No Further Action Facility Id: 1750038	***2847 PERALTA ST***	***SW 1/4 - 1/2 (0.421 mi.)***	***AF146***	***526***
UNITED STAMPING COMP Status: No Further Action Facility Id: 60001476	***4060-4062 HOLLIS STR***	***NW 1/4 - 1/2 (0.422 mi.)***	***Y150***	***534***

State and tribal Brownfields sites

BROWNFIELDS: A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

A review of the BROWNFIELDS list, as provided by EDR, and dated 03/26/2018 has revealed that there is 1 BROWNFIELDS site within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
M SQUARED DEVELOPMEN	***1450 32ND STREET***	***WSW 1/4 - 1/2 (0.308 mi.)***	***V104***	***338***

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

A review of the US BROWNFIELDS list, as provided by EDR, and dated 03/19/2018 has revealed that there are 10 US BROWNFIELDS sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ADELINE STREET PROPE	***3602 ADELINE & 1122***	***NNW 0 - 1/8 (0.050 mi.)***	***D15***	***30***
FORMER AMBASSADOR LA	***1160-1168 36TH ST. A***	***NNW 0 - 1/8 (0.052 mi.)***	***D16***	***32***
AMBASSADOR	***1160-1168 36TH STREE***	***NNW 0 - 1/8 (0.052 mi.)***	***D17***	***45***
JUG LIQUOR	***3645 SAN PABLO AVENU***	***N 0 - 1/8 (0.108 mi.)***	***H51***	***171***
3706 SAN PABLO AVE	3706 SAN PABLO AVENU	NNE 0 - 1/8 (0.110 mi.)	H55	183
BLACK & WHITE (B&W)	***4053 SAN PABLO AVENU***	***N 1/4 - 1/2 (0.329 mi.)***	***W110***	***365***

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Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ENNIS/AC TRANSIT	***40TH AND ADELINE STR***	***N 1/4 - 1/2 (0.335 mi.)***	***X112***	***368***
MAGNOLIA COURT	***4001 ADELINE STREET***	***N 1/4 - 1/2 (0.344 mi.)***	***X117***	***384***
GREEN CITY LOFTS	***1007 41ST STREET***	***NNE 1/4 - 1/2 (0.390 mi.)***	***Z130***	***443***

Lower Elevation	Address	Direction / Distance	Map ID	Page
4062 HOLLIS	***4062 HOLLIS STREET***	***NW 1/4 - 1/2 (0.408 mi.)***	***Y140***	***486***

Local Lists of Landfill / Solid Waste Disposal Sites

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

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

Lower Elevation	Address	Direction / Distance	Map ID	Page
THERM-TEC OF CALIFOR	4000 HARLAN ST.	NW 1/4 - 1/2 (0.361 mi.)	122	402

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 are 8 HIST Cal-Sites sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HARRIS DRY CLEANERS	***2801 MARTIN LUTHER K***	***SE 1/2 - 1 (0.685 mi.)***	***AZ226***	***931***

Lower Elevation	Address	Direction / Distance	Map ID	Page
ALAMEDA CHEMICAL AND	***2668 HANNAH STREET***	***SW 1/4 - 1/2 (0.474 mi.)***	***AO177***	***645***
NORTHWESTERN VENETIA	1218 24TH STREET	SSW 1/2 - 1 (0.637 mi.)	AU213	735
SOUTHERN PACIFIC RIG	WEST OF 4525 HOLLIS	NW 1/2 - 1 (0.733 mi.)	233	944
COMMERCIAL BUILDINGS	***1250-1276, 1284 W. G***	***SSW 1/2 - 1 (0.747 mi.)***	***235***	***948***
SOUTHERN PACIFIC - D	***CYPRESS CORRIDOR***	***WSW 1/2 - 1 (0.750 mi.)***	***236***	***955***
MYERS DRUM - EMERYVI	4500 SHELLMOUND STRE	WNW 1/2 - 1 (0.833 mi.)	BB243	975
BNSF WOOD STREET YAR	***WOOD STREET & WEST G***	***WSW 1/2 - 1 (0.884 mi.)***	***BC248***	***1001***

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

A review of the CERS HAZ WASTE list, as provided by EDR, and dated 04/23/2018 has revealed that there

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are 4 CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
AAA SAN PABLO FUEL D	***3420 SAN PABLO AVE***	***ESE 0 - 1/8 (0.067 mi.)***	***B22***	***51***
TESORO (MOBIL) 63049	***3400 SAN PABLO AVE***	***ESE 0 - 1/8 (0.086 mi.)***	***G43***	***139***

Lower Elevation	Address	Direction / Distance	Map ID	Page
SALLY BEAUTY SUPPLIE	***3839 EMERY ST STE 60***	***NNW 1/8 - 1/4 (0.220 mi.)***	***P82***	***266***
ULTA BEAUTY #1007 (E	***3839 EMERY STREET, S***	***NNW 1/8 - 1/4 (0.220 mi.)***	***P83***	***270***

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 11 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CITY OF PARIS CLEANI Comp Number: 45406	***3516 ADELINE ST***	***NW 0 - 1/8 (0.018 mi.)***	***A8***	***14***
SHELL SERVICE STATIO Status: A Tank Status: A Comp Number: 52586	***3420 SAN PABLO AVE***	***ESE 0 - 1/8 (0.067 mi.)***	***B25***	***100***
THRIFTY OIL #49 Status: A Tank Status: A Comp Number: 4715	***3400 SAN PABLO AVE***	***ESE 0 - 1/8 (0.082 mi.)***	***G37***	***119***
BLAZIC INDUSTRIAL BA Comp Number: 7801	1016 W MCARTHUR BLVD	NNE 1/8 - 1/4 (0.171 mi.)	K65	232
OAKLAND TRUCK CENTER Comp Number: 67277	***3800 SAN PABLO AVE***	***NNE 1/8 - 1/4 (0.175 mi.)***	***L68***	***241***
LOOMIS ARMORED CAR S Comp Number: 45221	***936 BROCKHURST ST***	***SE 1/8 - 1/4 (0.207 mi.)***	***O78***	***257***
CLIPPER EXXPRESS COM Comp Number: 11824	***3871 SAN PABLO AVE***	***N 1/8 - 1/4 (0.237 mi.)***	***S89***	***292***

Lower Elevation	Address	Direction / Distance	Map ID	Page
DOUGCO Comp Number: 32992	***1073 034TH ST***	***SSW 0 - 1/8 (0.077 mi.)***	***C31***	***114***
CLAWSON HIGH SCHOOL Comp Number: 4905	***3420 PERALTA ST***	***W 0 - 1/8 (0.104 mi.)***	***F48***	***167***
ROMAK IRON WORKS Comp Number: 234	***3250 HOLLIS STREET***	***WSW 1/8 - 1/4 (0.208 mi.)***	***80***	***260***
GUITON CHARTER BUS S	***3421 HOLLIS ST***	***W 1/8 - 1/4 (0.231 mi.)***	***R88***	***288***

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EXECUTIVE SUMMARY

Comp Number: 32361

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 11 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CITY OF PARIS CLEANI Facility Id: 00000045406	3516 ADELINE ST	NW 0 - 1/8 (0.018 mi.)	A9	25
SHELL OIL CO Facility Id: 00000052586	***3420 SAN PABLO AVE/3***	***ESE 0 - 1/8 (0.067 mi.)***	***B24***	***97***
THRIFTY OIL STN.#049 Facility Id: 00000004715	3400 SAN PABLO AVE	ESE 0 - 1/8 (0.082 mi.)	G35	117
THRIFTY OIL STN 049	***3400 SAN PABLO AVENU***	***ESE 0 - 1/8 (0.082 mi.)***	***G36***	***118***
OAKLAND TRUCK CENTER Facility Id: 00000067277	***3800 SAN PABLO AVE***	***NNE 1/8 - 1/4 (0.175 mi.)***	***L67***	***234***
LOOMIS ARMORED CAR S Facility Id: 00000045221	936 BROCKHURST ST	SE 1/8 - 1/4 (0.207 mi.)	O79	260
CLIPPER EXXPRESS COM Facility Id: 00000011824	3871 SAN PABLO AVE	N 1/8 - 1/4 (0.237 mi.)	S90	293

Lower Elevation	Address	Direction / Distance	Map ID	Page
DOUGCO Facility Id: 00000032992	1073 34TH STREET	SSE 0 - 1/8 (0.068 mi.)	E28	110
JACK HEMSATH DRAYAGE Facility Id: 00000049446	1350 34TH STREET	W 1/8 - 1/4 (0.179 mi.)	M70	246
GUITON CHARTER BUS S	***3421 HOLLIS ST***	***W 1/8 - 1/4 (0.231 mi.)***	***R88***	***288***
GUITON CHARTER BUS S Facility Id: 00000032361	3421 HOLLIS ST	W 1/8 - 1/4 (0.248 mi.)	R93	297

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 8 CA FID UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CITY OF PARIS CLEANI Facility Id: 01000547 Status: I	***3516 ADELINE ST***	***NW 0 - 1/8 (0.018 mi.)***	***A8***	***14***
SHELL SERVICE STATIO Facility Id: 01001470 Status: A	***3420 SAN PABLO AVE***	***ESE 0 - 1/8 (0.067 mi.)***	***B25***	***100***
THRIFTY OIL STN 049 Facility Id: 01001597	***3400 SAN PABLO AVENU***	***ESE 0 - 1/8 (0.082 mi.)***	***G36***	***118***

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Status: A				
OAKLAND TRUCK CENTER	***3800 SAN PABLO AVE***	***NNE 1/8 - 1/4 (0.175 mi.)***	***L68***	***241***
Facility Id: 01002270				
Status: I				
LOOMIS ARMORED CAR S	***936 BROCKHURST ST***	***SE 1/8 - 1/4 (0.207 mi.)***	***O78***	***257***
Facility Id: 01001044				
Status: I				
CLIPPER EXXPRESS COM	***3871 SAN PABLO AVE***	***N 1/8 - 1/4 (0.237 mi.)***	***S89***	***292***
Facility Id: 01002119				
Status: I				

Lower Elevation	Address	Direction / Distance	Map ID	Page
DOUGCO	***1073 034TH ST***	***SSW 0 - 1/8 (0.077 mi.)***	***C31***	***114***
Facility Id: 01002170				
Status: I				
GUITON CHARTER BUS S	***3421 HOLLIS ST***	***W 1/8 - 1/4 (0.231 mi.)***	***R88***	***288***
Facility Id: 01000855				
Status: I				

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

A review of the CERS TANKS list, as provided by EDR, and dated 04/23/2018 has revealed that there are 2 CERS TANKS sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
AAA SAN PABLO FUEL D	***3420 SAN PABLO AVE***	***ESE 0 - 1/8 (0.067 mi.)***	***B22***	***51***
TESORO (MOBIL) 63049	***3400 SAN PABLO AVE***	***ESE 0 - 1/8 (0.086 mi.)***	***G43***	***139***

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 06/04/2018 has revealed that there are 4 DEED sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
OAK WALK REDEVELOPME	***4090 SAN PABLO AVENU***	***N 1/4 - 1/2 (0.349 mi.)***	***W119***	***397***
Status: COMPLETED - CASE CLOSED				
Envirostor ID: T06019705080				

Lower Elevation	Address	Direction / Distance	Map ID	Page
YERBA BUENA - EAST B	***3838 HOLLIS ST***	***NW 1/4 - 1/2 (0.270 mi.)***	***U99***	***320***
Status: COMPLETED - CASE CLOSED				
Envirostor ID: T10000004342				
ELECTRO-COATINGS INC	***1401-1421 PARK AVENU***	***NW 1/4 - 1/2 (0.497 mi.)***	***AQ187***	***662***

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Status: OPEN - ASSESSMENT & INTERIM REMEDIAL ACTION
Envirostor ID: T0600102145

ELECTRO-COATINGS INC	***1401 PARK AVENUE***	***NW 1/4 - 1/2 (0.497 mi.)***	***AQ189***	***674***

Status: OPEN - INACTIVE
Envirostor ID: SL20254872

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.

Lower Elevation	Address	Direction / Distance	Map ID	Page
HEMSATH JACK DRAYAGE	***1390 34TH STREET***	***W 1/8 - 1/4 (0.214 mi.)***	***M81***	***264***

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 are 2 FUDS sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
PACIFIC OVERSEAS AIR		WSW 1/2 - 1 (0.621 mi.)	AS210	730
ARMY-NAVY DISTRIBUTI		WSW 1/2 - 1 (0.791 mi.)	238	964

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.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
OAKLAND ARMY BASE (C		WNW 1/2 - 1 (0.760 mi.)	0	14

CA BOND EXP. PLAN: Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

A review of the CA BOND EXP. PLAN list, as provided by EDR, and dated 01/01/1989 has revealed that there are 2 CA BOND EXP. PLAN sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
ELECTRO-COATINGS	***1421 PARK AVENUE***	***NW 1/2 - 1 (0.511 mi.)***	***AQ192***	***681***

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EXECUTIVE SUMMARY

Lower Elevation	Address	Direction / Distance	Map ID	Page
PACIFIC GAS & ELECTR	***4525 HOLLIS STREET***	***NW 1/2 - 1 (0.652 mi.)***	***AV215***	***823***

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

A review of the Cortese list, as provided by EDR, and dated 03/26/2018 has revealed that there are 2 Cortese sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CAL TECH METALS Envirostor Id: 1340118 Cleanup Status: ACTIVE	***825, 829, 841 31ST S***	***SE 1/4 - 1/2 (0.433 mi.)***	***AE160***	***597***

Lower Elevation	Address	Direction / Distance	Map ID	Page
FORMER LANE METAL FI Envirostor Id: 60000594 Cleanup Status: ACTIVE	***2942 SAN PABLO AVE***	***SSE 1/4 - 1/2 (0.429 mi.)***	***AH156***	***544***

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

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 53 HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CITY OF PARIS CLEANI Reg Id: 01-0415	***3516 ADELINE ST***	***NW 0 - 1/8 (0.018 mi.)***	***A8***	***14***
CAHON ASSOCIATES INC Reg Id: 01-2395	***3501 SAN PABLO***	***ESE 0 - 1/8 (0.030 mi.)***	***A11***	***26***
SHELL SERVICE STATIO Reg Id: 01-1358	***3420 SAN PABLO AVE***	***ESE 0 - 1/8 (0.067 mi.)***	***B25***	***100***
THRIFTY OIL #49 Reg Id: 01-1478	***3400 SAN PABLO AVE***	***ESE 0 - 1/8 (0.082 mi.)***	***G37***	***119***
AMBASSADOR LAUNDRY Reg Id: 01-2120	***3623 ADELINE STREET***	***N 0 - 1/8 (0.085 mi.)***	***D41***	***131***
FORMER FG GASOLINE Reg Id: 01-2318	***3314 SAN PABLO AVE.***	***SE 1/8 - 1/4 (0.129 mi.)***	***J62***	***224***
LOOMIS ARMORED CAR S Reg Id: 01-0924	***936 BROCKHURST ST***	***SE 1/8 - 1/4 (0.207 mi.)***	***O78***	***257***
FIDELITY ROOF CO Reg Id: 01-2301	***1075 40TH ST***	***NNE 1/4 - 1/2 (0.317 mi.)***	***107***	***345***
CELIS TEXACO SERVICE Reg Id: 01-1938	***4000 SAN PABLO AVE***	***N 1/4 - 1/2 (0.343 mi.)***	***W115***	***374***
SAN FRANCISCO FRENCH	4070 SAN PABLO	N 1/4 - 1/2 (0.351 mi.)	W121	402

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Reg Id: 01-1289				
TOSCANA BAKERY Reg Id: 01-1290	***3924 MARKET ST***	***NE 1/4 - 1/2 (0.381 mi.)***	***126***	***418***
DUNNE QUALITY PAINTS Reg Id: 01-1827	***1007 41ST ST***	***NNE 1/4 - 1/2 (0.390 mi.)***	***Z129***	***435***
CALIFORNIA LINEN SUP Reg Id: 01-0267	***989 41ST ST***	***NNE 1/4 - 1/2 (0.398 mi.)***	***132***	***457***
PARK AVENUE PROPERTY Reg Id: 01-0897	1199 PARK	NNW 1/4 - 1/2 (0.400 mi.)	AA134	465
BOYSEN PAINT Reg Id: 01-0527	1001 41ST	NNE 1/4 - 1/2 (0.406 mi.)	Z139	486
RD MINER COMPANY Reg Id: 01-1221	***750 37TH ST***	***E 1/4 - 1/2 (0.423 mi.)***	***AD151***	***537***
NEIGHBORHOOD LAUNDRO Reg Id: 01-1726	***3838 WEST***	***ENE 1/4 - 1/2 (0.438 mi.)***	***161***	***601***
OAKLAND NATIONAL ENG Reg Id: 01-1791	***1001 42ND ST***	***NNE 1/4 - 1/2 (0.444 mi.)***	***AL167***	***612***
EMERYVILLE REDEVELOP Reg Id: 01-0404	4300 4310 SAN PABLO	N 1/4 - 1/2 (0.484 mi.)	AN180	653

Lower Elevation	Address	Direction / Distance	Map ID	Page
DOUG CO METAL FINISH Reg Id: 01-0854	***1073 34TH ST***	***SSE 0 - 1/8 (0.068 mi.)***	***E29***	***111***
CITY OF MORGAN HILL Reg Id: 2827	3427 MAGNOLIA	W 0 - 1/8 (0.078 mi.)	F33	116
CLAWSON HIGH SCHOOL Reg Id: 01-0427	***3420 PERALTA ST***	***W 0 - 1/8 (0.104 mi.)***	***F48***	***167***
CITY WOOD Reg Id: 01-0181	***3423 HARLAN ST***	***WNW 1/8 - 1/4 (0.139 mi.)***	***63***	***230***
HEMSATH DRAYAGE Reg Id: 01-0507	***1350 34TH***	***W 1/8 - 1/4 (0.179 mi.)***	***M71***	***246***
ROMAK IRON WORKS Reg Id: 01-0786 Reg Id: 3184	***3250 HOLLIS STREET***	***WSW 1/8 - 1/4 (0.208 mi.)***	***80***	***260***
ABCO WATERPROOFING Reg Id: 01-2425	***3135 FILBERT***	***SSE 1/8 - 1/4 (0.228 mi.)***	***87***	***286***
GUITON CHARTER BUS S Reg Id: 01-0731	***3421 HOLLIS ST***	***W 1/8 - 1/4 (0.231 mi.)***	***R88***	***288***
CALIFORNIA ELECTRIC Reg Id: 01-1761	***3015 ADELINE ST***	***SSW 1/4 - 1/2 (0.270 mi.)***	***Q98***	***312***
ZERO WASTE SYSTEMS I Reg Id: 01280073	1450 32ND	WSW 1/4 - 1/2 (0.295 mi.)	V102	336
CROWLEY, KENT Reg Id: 01-1698	***3016 FILBERT***	***SSE 1/4 - 1/2 (0.297 mi.)***	***103***	***336***
PARTCH PROPERTY Reg Id: 01-2431	***2856 HELEN ST***	***WSW 1/4 - 1/2 (0.350 mi.)***	***120***	***400***
WSB ELECTRIC COMPANY	***3032 MARKET ST***	***SSE 1/4 - 1/2 (0.363 mi.)***	***123***	***403***

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Reg Id: 01-1759				
RANSOME COMPANY MAIN Reg Id: 01-1223 Reg Id: 01160019	***4030 HOLLIS ST***	***NW 1/4 - 1/2 (0.380 mi.)***	***Y124***	***406***
BAY AREA WAREHOUSE C Reg Id: 01-0155	***4001 HOLLIS ST***	***NW 1/4 - 1/2 (0.380 mi.)***	***Y125***	***417***
BASHLAND INC Reg Id: 01-1723	***4015 HOLLIS***	***NW 1/4 - 1/2 (0.382 mi.)***	***Y127***	***427***
SAN CARLOS BEACH Reg Id: 3068	***1549 32ND***	***WSW 1/4 - 1/2 (0.404 mi.)***	***138***	***483***
GEROW PROPERTIES Reg Id: 01-2142	***1255 PARK***	***NW 1/4 - 1/2 (0.416 mi.)***	***AC142***	***500***
LINFORD AIR AND REFR Reg Id: 01-0913	***2850 POPLAR***	***SW 1/4 - 1/2 (0.421 mi.)***	***AG147***	***530***
BROOK'S AUTO SERVICE Reg Id: 21-2304	***1101 28TH***	***SSW 1/4 - 1/2 (0.430 mi.)***	***158***	***588***
CITY OF EMERYVILLE Reg Id: 01-0403	***1333 PARK AVE***	***NW 1/4 - 1/2 (0.440 mi.)***	***AJ163***	***604***
J H FITZMAURICE INC Reg Id: 01-0811	***2857 HANNAH***	***WSW 1/4 - 1/2 (0.443 mi.)***	***165***	***609***
NONE Reg Id: 01-0053	***1229 28TH***	***SW 1/4 - 1/2 (0.446 mi.)***	***AM168***	***623***
GOLDEN STATE LINEN S Reg Id: 01-0087	***958 28TH***	***S 1/4 - 1/2 (0.449 mi.)***	***170***	***626***
TUNE-UP MASTERS #318 Reg Id: 01-1811	***2901 SAN PABLO***	***SSE 1/4 - 1/2 (0.452 mi.)***	***AH171***	***628***
CONSTRUCTION YARD Reg Id: 01-1506	***3428 ETTIE ST***	***W 1/4 - 1/2 (0.469 mi.)***	***AK173***	***632***
WEYERHAEUSER CO Reg Id: 01-1186	***4050 HORTON***	***WNW 1/4 - 1/2 (0.470 mi.)***	***175***	***637***
CUSTOM ALLOY SCRAP S Reg Id: 01-2188	***2711 UNION***	***SW 1/4 - 1/2 (0.472 mi.)***	***AM176***	***644***
CALIFORNIA AUTO REPA Reg Id: 01-2181	***2801 SAN PABLO AVE***	***SSE 1/4 - 1/2 (0.481 mi.)***	***178***	***648***
DEL MONTE PLANT #35 Reg Id: 01-0481	***4202 HOLLIS ST***	***NW 1/4 - 1/2 (0.482 mi.)***	***AJ179***	***651***
CITY OF OAKLAND Reg Id: 01-2424	***3455 ETTIE***	***W 1/4 - 1/2 (0.487 mi.)***	***AP182***	***653***
HENRY SHIREK ESTATE Reg Id: 01-1387	***3425 ETTIE ST***	***W 1/4 - 1/2 (0.488 mi.)***	***AK185***	***660***
ELECTRO-COATINGS INC Reg Id: 01-2333	***1401-1421 PARK AVENU***	***NW 1/4 - 1/2 (0.497 mi.)***	***AQ187***	***662***
CALTRANS OAKLAND MAI Reg Id: 01-2319	***3465 ETTIE STREET***	***W 1/4 - 1/2 (0.499 mi.)***	***AP191***	***677***

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EXECUTIVE SUMMARY

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 05/21/2018 has revealed that there are 3 HWP sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
TECHNICHEM INCORPORA EPA Id: CAD981375983 Cleanup Status: UNDERGOING CLOSURE	***4245 HALLECK ST***	***WNW 1/2 - 1 (0.671 mi.)***	***220***	***854***
ARTESIAN OIL RECOVER EPA Id: CAL000161741 Cleanup Status: CLOSED	***2306 MAGNOLIA ST***	***SSW 1/2 - 1 (0.677 mi.)***	***AX222***	***914***
PFIZER INC EPA Id: CAD009206178 Cleanup Status: UNDERGOING CLOSURE	***4650 SHELLMOUND ST***	***WNW 1/2 - 1 (0.851 mi.)***	***BB245***	***988***

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 03/23/2018 has revealed that there are 14 Notify 65 sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SHELL STATION	500 40TH STREET	ENE 1/2 - 1 (0.802 mi.)	239	965
CARDIO PULMANARY BUI	365 HAWTHRONE STREET	ESE 1/2 - 1 (0.917 mi.)	250	1017
MOSSWOOD UNION	***411 WEST MACARTHUR***	***E 1/2 - 1 (0.932 mi.)***	***BD251***	***1018***
UNOCAL SERVICE STATI	411 WEST MAC ARTHUR	E 1/2 - 1 (0.937 mi.)	BD254	1025

Lower Elevation	Address	Direction / Distance	Map ID	Page
LINFORD AIR AND REFR	***2850 POPLAR***	***SW 1/4 - 1/2 (0.421 mi.)***	***AG147***	***530***
LINDFORD AIR & REFRI	2850 POPLAR	SW 1/4 - 1/2 (0.421 mi.)	AG149	534
NONE	***1229 28TH***	***SW 1/4 - 1/2 (0.446 mi.)***	***AM168***	***623***
CE TOLAND & SON	***2635 PERALTA***	***SW 1/2 - 1 (0.554 mi.)***	***AR196***	***686***
45TH STREET ARTIST C	1420 45TH STREET	NW 1/2 - 1 (0.630 mi.)	211	731
KANTOR WAREHOUSE	***2525 MANDELA***	***SW 1/2 - 1 (0.658 mi.)***	***AW218***	***848***
NED CLYDE CONSTRUCTI	2311 ADELINE STREET	SSW 1/2 - 1 (0.689 mi.)	229	939
UNKNOWN	4549 HORTON STREET	NW 1/2 - 1 (0.702 mi.)	231	942
MOSTLY MUSTANGS	***2576 MARTIN LUTHER K***	***SSE 1/2 - 1 (0.789 mi.)***	***237***	***962***
A & J TRUCKING, INC	5600 SHELLMOND AVENU	NW 1/2 - 1 (0.933 mi.)	252	1023

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

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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 13 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MARCUM JOHN	3515 SAN PABLO AVE	E 0 - 1/8 (0.028 mi.)	A10	26
KAUL A S	3540 SAN PABLO AVE	ENE 0 - 1/8 (0.033 mi.)	B12	29
JAMES AUTOMOTIVE REP	1120 36TH ST	N 0 - 1/8 (0.048 mi.)	D14	29
KNUDSEN HAROLD D COM	3620 SAN PABLO AVE	NNE 0 - 1/8 (0.063 mi.)	D21	51
PORTOLA VALLEY SHELL	3420 SAN PABLO AVE	ESE 0 - 1/8 (0.067 mi.)	B26	105
SAN PABLO ARCO	3400 SAN PABLO AVE	ESE 0 - 1/8 (0.082 mi.)	G39	130
CALIFORNIA SERVICE S	3350 SAN PABLO AVE	SE 0 - 1/8 (0.102 mi.)	E45	166
KENDRICK & ZUKOR	3645 SAN PABLO AVE	N 0 - 1/8 (0.103 mi.)	H46	166
MC NEIL & SHEPHERD	3324 SAN PABLO AVE	SE 0 - 1/8 (0.116 mi.)	J58	220

Lower Elevation	Address	Direction / Distance	Map ID	Page
DIXON S AUTOMOTIVE S	1155 34TH ST	SW 0 - 1/8 (0.048 mi.)	C13	29
DERICKSON C C	3342 ADELINE ST	SW 0 - 1/8 (0.081 mi.)	C34	116
SIGNAL OIL CO	3607 PERALTA ST	NW 0 - 1/8 (0.106 mi.)	I49	169
CUNEO ANTON	3560 PERALTA ST	NW 0 - 1/8 (0.109 mi.)	I53	180

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 8 EDR Hist Cleaner sites within approximately 0.125 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PLAZA CLEANERS THE	3600 SAN PABLO AVE	NNE 0 - 1/8 (0.057 mi.)	B18	50
MINAMOTO J	3615 SAN PABLO AVE	NNE 0 - 1/8 (0.059 mi.)	D19	50
ECONOMY LAUNDRY COMP	1168 36TH TEL PIED	NNW 0 - 1/8 (0.060 mi.)	D20	50
BEST CLEANING & DYEI	3621 SAN PABLO AVE	NNE 0 - 1/8 (0.068 mi.)	D30	113

Lower Elevation	Address	Direction / Distance	Map ID	Page
CHAMPION JOS	3516 ADELINE ST	W 0 - 1/8 (0.007 mi.)	A7	14
ABRAMS ABR	3312 ADELINE ST	SW 0 - 1/8 (0.100 mi.)	44	166
OAKLAND OVERALL LAUN	3501 PERALTA ST	WNW 0 - 1/8 (0.103 mi.)	F47	166
OAKLAND OVERALL LAUN	3423 HARLAN ST	W 0 - 1/8 (0.114 mi.)	F57	220

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EXECUTIVE SUMMARY

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

Site Name	Database(s)
RIFKIN REALTY PARTNERS	LUST, HIST CORTESE
EMERY VILLAGE CENTER	Alameda County CS
PARK AVENUE REDEVELOPMENT	Alameda County CS
5TH ST AND MAGNOLIA ST REDEVELOPME	Alameda County CS
EMERY STATION WEST LLC	CPS-SLIC, DEED, HAZNET
UPTOWN THEATER DISTRICT	CPS-SLIC

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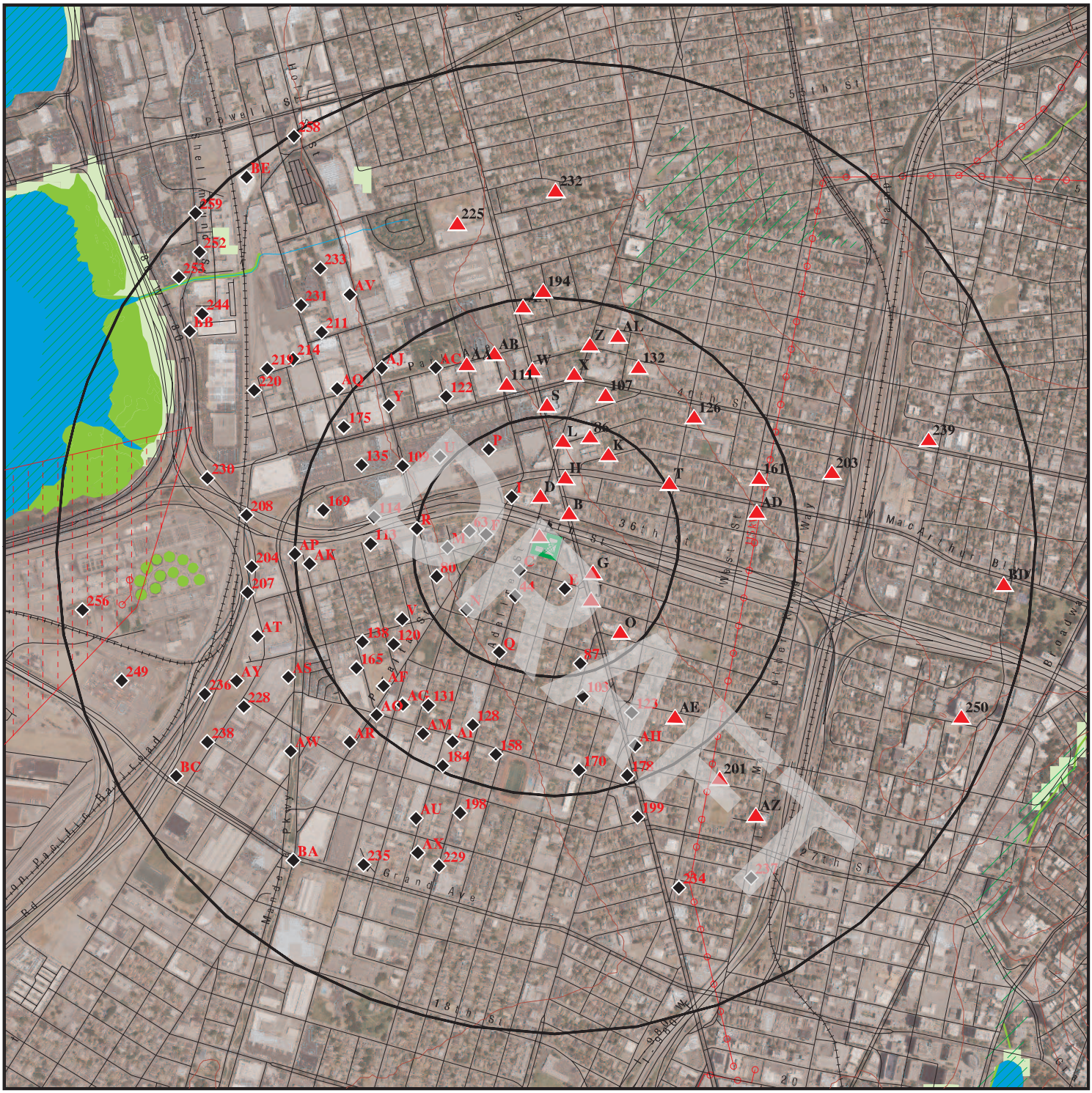
OVERVIEW MAP - 5378224.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

0 1/4 1/2 1 Miles

Indian Reservations BIA

Power transmission lines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

Upgradient Area

Areas of Concern

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

SITE NAME:	392271	CLIENT:	AEI Consultants
ADDRESS:	3442 Adeline Street Emeryville CA 94608	CONTACT:	Emma Felt
		INQUIRY #:	5378224.2s
LAT/LONG:	37.826209 / 122.27942	DATE:	July 31, 2018 2:49 pm

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DETAIL MAP - 5378224.2S

Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

0 1/16 1/8 1/4 Miles

Indian Reservations BIA

100-year flood zone

500-year flood zone

Areas of Concern

N

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

SITE NAME:	392271	CLIENT:	AEI Consultants
ADDRESS:	3442 Adeline Street Emeryville CA 94608	CONTACT:	Emma Felt
		INQUIRY #:	5378224.2s
LAT/LONG:	37.826209 / 122.27942	DATE:	July 31, 2018 2:54 pm

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Federal NPL site list								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	TP		NR	NR	NR	NR	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	2	NR	NR	2
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	2	NR	NR	2
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	2	NR	2
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		1	0	NR	NR	NR	1
RCRA-SQG	0.250		3	6	NR	NR	NR	9
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	TP		NR	NR	NR	NR	NR	0
State- and tribal - equivalent NPL								
RESPONSE	1.000		0	0	2	11	NR	13
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		2	1	14	49	NR	66
State and tribal landfill and/or solid waste disposal site lists								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking storage tank lists								
LUST	0.500	1	9	11	48	NR	NR	69

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		1	4	16	NR	NR	21
Alameda County CS	0.500	1	8	17	52	NR	NR	78
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		3	0	NR	NR	NR	3
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	3	NR	NR	3
State and tribal Brownfields sites								
BROWNFIELDS	0.500		0	0	1	NR	NR	1
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		5	0	5	NR	NR	10
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	1	NR	NR	1
SWRCY	0.500		0	0	0	NR	NR	0
HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	1	7	NR	8
SCH	0.250		0	0	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	TP		NR	NR	NR	NR	NR	0
CERS HAZ WASTE	0.250		2	2	NR	NR	NR	4
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250		5	6	NR	NR	NR	11
HIST UST	0.250		5	6	NR	NR	NR	11
CA FID UST	0.250		4	4	NR	NR	NR	8
CERS TANKS	0.250		2	0	NR	NR	NR	2
Local Land Records								
LIENS	TP		NR	NR	NR	NR	NR	0

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MAP FINDINGS SUMMARY

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

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	TP		NR	NR	NR	NR	NR	0
ENF	TP		NR	NR	NR	NR	NR	0
Financial Assurance	TP		NR	NR	NR	NR	NR	0
HAZNET	TP	1	NR	NR	NR	NR	NR	1
ICE	TP		NR	NR	NR	NR	NR	0
HIST CORTESE	0.500		8	7	38	NR	NR	53
HWP	1.000		0	0	0	3	NR	3
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	TP		NR	NR	NR	NR	NR	0
PEST LIC	TP		NR	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	3	11	NR	14
UIC	TP		NR	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	TP		NR	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	TP		NR	NR	NR	NR	NR	0
CIWQS	TP		NR	NR	NR	NR	NR	0
WELL STIM PROJ	TP		NR	NR	NR	NR	NR	0
CERS	TP	1	NR	NR	NR	NR	NR	1
UIC GEO	TP		NR	NR	NR	NR	NR	0
SAMPLING POINT	TP		NR	NR	NR	NR	NR	0
PROJECT	TP		NR	NR	NR	NR	NR	0
NON-CASE INFO	TP		NR	NR	NR	NR	NR	0
OTHER OIL GAS	TP		NR	NR	NR	NR	NR	0
PROD WATER PONDS	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		13	NR	NR	NR	NR	13
EDR Hist Cleaner	0.125		8	NR	NR	NR	NR	8
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP	3	NR	NR	NR	NR	NR	3
- Totals --		8	79	65	194	88	0	434

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

DRAFT

A1 Target Property | **ZIMMERMAN PROPERTY**
3442 ADELINE STREET
OAKLAND, CA 94608 | **LUST**
Alameda County CS
CERS | **S105084503**
N/A

Site 1 of 11 in cluster A

Actual: 32 ft.

LUST:

Lead Agency:	ALAMEDA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600183099
Global Id:	T0600183099
Latitude:	37.8259232221834
Longitude:	-122.279150336981
Status:	Open - Site Assessment
Status Date:	04/01/2009
Case Worker:	KLD
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:	RO0002936
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Benzene, Gasoline
Site History:	On February 22, 2000 one 3,750-gallon UST was removed. Soil and groundwater samples contained elevated concentrations of TPHg, TPHd and benzene. Additional investigation was performed in 2006. TPHg concentrations were indicative of SPH in groundwater. Subsequent investigation has included soil vapor sampling and an interim source removal was performed in March and April 2009. Soil Vpoar concetrations are above the reidential exposure limit for benzene. A feasibility study will be submitted in the future.

LUST:

Global Id:	T0600183099
Contact Type:	Local Agency Caseworker
Contact Name:	KAREL DETTERMAN
Organization Name:	ALAMEDA COUNTY LOP
Address:	1131 Harbor Bay Parkway
City:	ALAMEDA
Email:	karel.detterman@acgov.org
Phone Number:	5105676708

Global Id:	T0600183099
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:	T0600183099
Action Type:	ENFORCEMENT
Date:	03/07/2013
Action:	Staff Letter - #20130307

Global Id:	T0600183099
Action Type:	ENFORCEMENT
Date:	04/23/2014

DRAFT

ZIMMERMAN PROPERTY (Continued) **S105084503**

Action: Staff Letter - #20140423

Global Id: T0600183099
Action Type: REMEDIATION
Date: 03/01/2009
Action: Excavation

Global Id: T0600183099
Action Type: Other
Date: 02/22/2000
Action: Leak Stopped

Global Id: T0600183099
Action Type: ENFORCEMENT
Date: 04/20/2009
Action: Staff Letter - #20090420

Global Id: T0600183099
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Staff Letter - #20090724

Global Id: T0600183099
Action Type: ENFORCEMENT
Date: 04/22/2016
Action: Staff Letter - #20160422

Global Id: T0600183099
Action Type: RESPONSE
Date: 11/15/2016
Action: Conceptual Site Model

Global Id: T0600183099
Action Type: ENFORCEMENT
Date: 03/15/2016
Action: Meeting - #20160315

Global Id: T0600183099
Action Type: RESPONSE
Date: 01/06/2015
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0600183099
Action Type: RESPONSE
Date: 11/04/2016
Action: Soil and Water Investigation Report

Global Id: T0600183099
Action Type: RESPONSE
Date: 08/19/2016
Action: Monitoring Report - Semi-Annually

Global Id: T0600183099
Action Type: RESPONSE
Date: 05/07/2013
Action: Soil and Water Investigation Workplan

DRAFT

ZIMMERMAN PROPERTY (Continued) **S105084503**

Global Id: T0600183099
Action Type: RESPONSE
Date: 06/21/2016
Action: Soil and Water Investigation Workplan

Global Id: T0600183099
Action Type: RESPONSE
Date: 10/16/2017
Action: Site Investigation

Global Id: T0600183099
Action Type: ENFORCEMENT
Date: 12/29/2008
Action: Staff Letter - #20081229

Global Id: T0600183099
Action Type: RESPONSE
Date: 06/20/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0600183099
Action Type: RESPONSE
Date: 03/29/2018
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0600183099
Action Type: ENFORCEMENT
Date: 01/05/2016
Action: Email Correspondence - #20160105

Global Id: T0600183099
Action Type: ENFORCEMENT
Date: 05/12/2017
Action: Staff Letter

Global Id: T0600183099
Action Type: Other
Date: 02/11/2000
Action: Leak Discovery

Global Id: T0600183099
Action Type: RESPONSE
Date: 07/06/2016
Action: Other Workplan - Regulator Responded

Global Id: T0600183099
Action Type: RESPONSE
Date: 05/11/2017
Action: Site Investigation Workplan - Regulator Responded

Global Id: T0600183099
Action Type: Other
Date: 08/16/2006
Action: Leak Reported

Global Id: T0600183099
Action Type: REMEDIATION

DRAFT

ZIMMERMAN PROPERTY (Continued) **S105084503**

Date: 03/01/2009
Action: Excavation

LUST:
Global Id: T0600183099
Status: Open - Case Begin Date
Status Date: 02/11/2000

Global Id: T0600183099
Status: Open - Site Assessment
Status Date: 06/23/2006

Global Id: T0600183099
Status: Open - Assessment & Interim Remedial Action
Status Date: 12/29/2008

Global Id: T0600183099
Status: Open - Site Assessment
Status Date: 04/01/2009

Alameda County CS:
Status: Pollution Characterization
Record Id: RO0002936
PE: 5602
Facility Status: Pollution Charaterization
Latitude: 37.825921298
Longitude: -122.28003168

Status: Pollution Characterization
Record Id: RO0002936
PE: 5602
Facility Status: Pollution Charaterization
Latitude: 37.825921298
Longitude: -122.28003168

CERS TANKS:
Site ID: 240290
CERS ID: T0600183099
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: KAREL 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: 5105676708

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

DRAFT

ZIMMERMAN PROPERTY (Continued) **S105084503**

Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

A2 Target Property **ZIMMERMAN PROPERTY** **RGA LUST** **S114724306**
3442 ADELINE STREET **N/A**
OAKLAND, CA

Site 2 of 11 in cluster A

Actual: 32 ft.

RGA LUST:

2012	ZIMMERMAN PROPERTY	3442 ADELINE STREET
2011	ZIMMERMAN PROPERTY	3442 ADELINE STREET
2010	ZIMMERMAN PROPERTY	3442 ADELINE STREET

A3 Target Property **ZIMMERMAN PROPERTY** **FINDS** **1023379874**
3442 ADELINE STREET **N/A**
OAKLAND, CA 94608

Site 3 of 11 in cluster A

Actual: 32 ft.

FINDS:

Registry ID: 110066783840

Environmental Interest/Information System
STATE MASTER

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

A4 Target Property **ZIMMERMAN PROPERTY** **RGA LUST** **S114724305**
3442 ADELINE ST **N/A**
OAKLAND, CA

Site 4 of 11 in cluster A

Actual: 32 ft.

RGA LUST:

2007	ZIMMERMAN PROPERTY	3442 ADELINE ST

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A5 Target Property — **ZIMMERMAN PROPERTY**, **3442 ADELINE**, **OAKLAND, CA** — **RGA LUST** — **S114724307**, **N/A**

Site 5 of 11 in cluster A

Actual: 32 ft.

RGA LUST:

2009	ZIMMERMAN PROPERTY	3442 ADELINE
2008	ZIMMERMAN PROPERTY	3442 ADELINE
2007	ZIMMERMAN PROPERTY	3442 ADELINE

A6 Target Property — **RON ZIMMERMAN**, **3442 ADELINE**, **OAKLAND, CA 94608** — **HAZNET** — **S112903567**, **N/A**

Site 6 of 11 in cluster A

Actual: 32 ft.

HAZNET:

envid:	S112903567
Year:	2000
GEPAID:	CAC002204481
Contact:	RON ZIMMERMAN
Telephone:	9259339642
Mailing Name:	Not reported
Mailing Address:	1740 RELIE VALLEY RD
Mailing City,St,Zip:	LAFAYETTE, CA 945490000
Gen County:	Not reported
TSD EPA ID:	CAL000161743
TSD County:	Not reported
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Not reported
Tons:	0.93
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Alameda

envid:	S112903567
Year:	2000
GEPAID:	CAC002204481
Contact:	RON ZIMMERMAN
Telephone:	9259339642
Mailing Name:	Not reported
Mailing Address:	1740 RELIE VALLEY RD
Mailing City,St,Zip:	LAFAYETTE, CA 945490000
Gen County:	Not reported
TSD EPA ID:	CAD009466392
TSD County:	Not reported
Waste Category:	Other empty containers 30 gallons or more
Disposal Method:	Recycler
Tons:	2
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Alameda

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DOD **OAKLAND ARMY BASE (CLOSED)** **DOD** **CUSA136080**
Region **N/A**
WNW **OAKLAND ARMY BASE (CLOSED (County), CA**
1/2-1
4014 ft.

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

A7 **CHAMPION JOS** **EDR Hist Cleaner** **1009139896**
West **3516 ADELINE ST** **N/A**
< 1/8 **OAKLAND, CA**
0.007 mi.
36 ft. **Site 7 of 11 in cluster A**

Relative:
Lower

Actual:
30 ft.

EDR Hist Cleaner

Year:	Name:	Type:
1925	OAKLAND CLEANING & DYEING CO	CLEANERS DYERS AND PRESSERS
1933	CHAMPION JOS	CLOTHES PRESSERS AND CLEANERS
1967	CITY OF PARIS CLEANERS & DYERS	CLEANERS AND DYERS

A8 **CITY OF PARIS CLEANING AND DRY** **LUST** **S101624417**
NW **3516 ADELINE ST** **Alameda County CS** **N/A**
< 1/8 **OAKLAND, CA 94608** **SWEEPS UST**
0.018 mi. **CA FID UST**
96 ft. **Site 8 of 11 in cluster A** **HIST CORTESE**
CERS

Relative:
Higher

Actual:
32 ft.

LUST:

Lead Agency:	ALAMEDA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100379
Global Id:	T0600100379
Latitude:	37.8266244810405
Longitude:	-122.279631793499
Status:	Completed - Case Closed
Status Date:	03/03/2017
Case Worker:	MD
RB Case Number:	01-0415
Local Agency:	ALAMEDA COUNTY LOP
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	RO0000133
Potential Media Affect:	Other Groundwater (uses other than drinking water), Soil, Soil Vapor
Potential Contaminants of Concern:	Stoddard solvent / Mineral Spriits / Distillates
Site History:	Not all historic documents for the fuel leak case may be available on GeoTracker. A complete case file for this site is located on the Alameda County Department of Environmental Health website at: http://ehgis.acgov.org/dehpublic/dehpublic.jsp. Current Land-use at

DRAFT

CITY OF PARIS CLEANING AND DRY (Continued) **S101624417**

time of Case Closure The subject property (APN 5-478-23) is located 3516 Adeline Street, in the northwest portion of the City of Oakland, approximately one mile east of San Francisco bay, 60 feet of Interstate 580, and [% mile west of Interstate 580/980 interchange. The site occupies the southeast corner of Adeline and 35th Streets. At the time of this case closure, City of Paris Studios is operating a gallery and event space on the western portion of the site, and live-work studios on the eastern portion of the site. Accordingly this case is closed with the current eastern live-work residential development footprint and western commercial land-use risk scenario. Due to residual contamination, the site was closed with site management requirements that include notifying Alameda County Department of Environmental Health (ACDEH) of a proposed change in land use to any residential or conservative land use, or if any redevelopment or building alteration is proposed that affect or disturb the existing subsurface conditions at the site. Adjacent Propertys Land-use at Time of Case Closure At the time of this case closure, potential off-site contamination is likely beneath 35th and Adeline Streets, but does not appear to be extend onto properties across 35th and Adeline Streets. However, should off-site redevelopment occur, ACDEH recommends evaluating the redevelopment site(s) for chemicals of concern identified on this site. Historic Land-use / Site Investigation The site has historically operated as a dry cleaning business. Four underground storage tanks (USTs) used to store Stoddard Solvent (chemical used in the dry cleaning industry) were present at the site. Three of these tanks (one 750-gallon and two 1,000-gallon USTs) were excavated and removed from the site in October 1990. Soil samples collected from underneath the former USTs identified contamination. In August 1991, the eastern portion of the UST pit was over-excavated to remove contaminated soil. In that process, a 250-gallon UST containing Stoddard Solvent was encountered and subsequently removed. The stockpiled soil was remediated onsite and was used to backfill the excavation. To assess whether the groundwater has been contaminated, three groundwater monitoring wells were installed in October 1992. Stoddard solvent was detected in groundwater samples collected from each well. In March 1998, six exploratory borings were installed to collected soil and groundwater samples downgradient near the excavation boundary and across the 35th Street. Groundwater contamination was detected on and off-site. In April and May 2011, additional investigation of soil, soil vapor, and groundwater was performed to verify natural attenuation, a preferential pathway evaluation was conducted, and a sensitive receptor survey was performed. An Industrial Well (W-IND) is located on site. In May 2013 additional investigation of soil and groundwater was performed to determine the extent of the soil and groundwater plume towards Adeline Street in the predominate downgradient direction. In August 2015, an additional soil vapor investigation was conducted to determine the risk of vapor intrusion to the City of Paris Studio building due to methane vapors. Exposure to Chemicals of Concern Stoddard Solvent is understood to be the source of UST contamination discovered and cleaned up at the site. The main chemicals of concern (COCs) associated with the Stoddard Solvent USTs and detected at the site were total petroleum hydrocarbons (TPH) as Stoddard Solvent (ss), TPH as gasoline (g), benzene, ethylbenzene, and naphthalene. Inhalation and ingestion appear to have been the most likely potential routes of exposure to these COCs. Direct contact may also be an exposure route. Remediation Activities

Draft

CITY OF PARIS CLEANING AND DRY (Continued) **S101624417**

Corrective action consisting of excavation of the USTs and contaminated soil has been completed. Confirmation soil sample analytical results indicated residual petroleum hydrocarbons remain in soil and groundwater. Case Closure & Future Site Management Requirements This fuel leak case has been evaluated for closure consistent with the State Water Resource Control Board Low-Threat Underground Storage Tank Closure Policy (LTCP). The case does not meet the Groundwater Media Specific criterion due to the presence of an offsite downgradient abandoned private water supply well at a distance of approximately 770 feet from the downgradient property line. ACDEH has made the determination that there is low potential threat to human health and safety and to the environment and water quality objectives will be achieved within a reasonable time frame. Due to residual contamination at the site, the site is closed to its current live-work residential development footprint and commercial land-use 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.

LUST:

Global Id:	T0600100379
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:	T0600100379
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:	T0600100379
Action Type:	ENFORCEMENT
Date:	08/01/2014
Action:	Technical Correspondence / Assistance / Other - #2014/08/01

Global Id:	T0600100379
Action Type:	Other
Date:	10/04/1990
Action:	Leak Discovery

Global Id:	T0600100379
Action Type:	ENFORCEMENT

DRAFT

CITY OF PARIS CLEANING AND DRY (Continued) **S101624417**

Date: 04/09/2013
Action: Staff Letter - #20130409

Global Id: T0600100379
Action Type: ENFORCEMENT
Date: 03/10/2009
Action: Staff Letter - #20090310

Global Id: T0600100379
Action Type: RESPONSE
Date: 09/13/2010
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0600100379
Action Type: RESPONSE
Date: 04/10/2015
Action: Soil and Water Investigation Workplan

Global Id: T0600100379
Action Type: ENFORCEMENT
Date: 03/11/2016
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0600100379
Action Type: Other
Date: 10/04/1990
Action: Leak Stopped

Global Id: T0600100379
Action Type: ENFORCEMENT
Date: 10/15/1999
Action: Notice of Responsibility - #19991015

Global Id: T0600100379
Action Type: ENFORCEMENT
Date: 10/29/2010
Action: Staff Letter - #20101029

Global Id: T0600100379
Action Type: ENFORCEMENT
Date: 01/09/2003
Action: Staff Letter - #120031023

Global Id: T0600100379
Action Type: ENFORCEMENT
Date: 05/04/2016
Action: Notice of Responsibility - #20160504

Global Id: T0600100379
Action Type: RESPONSE
Date: 03/17/2017
Action: Well Destruction Report

Global Id: T0600100379
Action Type: RESPONSE
Date: 12/30/2016
Action: Well Destruction Report

DRAFT

CITY OF PARIS CLEANING AND DRY (Continued) **S101624417**

Global Id: T0600100379
Action Type: ENFORCEMENT
Date: 01/07/2013
Action: Staff Letter - #20130107

Global Id: T0600100379
Action Type: ENFORCEMENT
Date: 02/04/2015
Action: Staff Letter - #20150204

Global Id: T0600100379
Action Type: ENFORCEMENT
Date: 08/01/2014
Action: Technical Correspondence / Assistance / Other - #2014-08-01

Global Id: T0600100379
Action Type: RESPONSE
Date: 06/10/2011
Action: Soil and Water Investigation Report

Global Id: T0600100379
Action Type: RESPONSE
Date: 10/03/2014
Action: Correspondence

Global Id: T0600100379
Action Type: RESPONSE
Date: 08/29/2014
Action: Request for Closure - Regulator Responded

Global Id: T0600100379
Action Type: RESPONSE
Date: 01/12/2016
Action: Request for Closure - Regulator Responded

Global Id: T0600100379
Action Type: RESPONSE
Date: 07/08/2016
Action: Well Destruction Report

Global Id: T0600100379
Action Type: ENFORCEMENT
Date: 02/07/2017
Action: Staff Letter

Global Id: T0600100379
Action Type: Other
Date: 11/02/1990
Action: Leak Reported

Global Id: T0600100379
Action Type: RESPONSE
Date: 06/07/2013
Action: Soil and Water Investigation Report

Global Id: T0600100379
Action Type: REMEDIATION

DRAFT

CITY OF PARIS CLEANING AND DRY (Continued) **S101624417**

Date: 08/30/1991
Action: Excavation

Global Id: T0600100379
Action Type: RESPONSE
Date: 07/31/2012
Action: Pilot Study / Treatability Workplan - Regulator Responded

Global Id: T0600100379
Action Type: RESPONSE
Date: 02/28/2013
Action: Conceptual Site Model - Regulator Responded

Global Id: T0600100379
Action Type: ENFORCEMENT
Date: 03/07/2013
Action: Staff Letter - #20130307

Global Id: T0600100379
Action Type: ENFORCEMENT
Date: 03/03/2017
Action: Closure/No Further Action Letter

Global Id: T0600100379
Action Type: ENFORCEMENT
Date: 02/05/2016
Action: Staff Letter - #20160205

Global Id: T0600100379
Action Type: RESPONSE
Date: 01/20/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0600100379
Action Type: RESPONSE
Date: 06/08/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0600100379
Action Type: RESPONSE
Date: 11/17/2014
Action: Request for Closure - Regulator Responded

Global Id: T0600100379
Action Type: ENFORCEMENT
Date: 01/09/2003
Action: Technical Correspondence / Assistance / Other - #20030109

Global Id: T0600100379
Action Type: ENFORCEMENT
Date: 03/10/2011
Action: Staff Letter - #20110310

Global Id: T0600100379
Action Type: ENFORCEMENT
Date: 02/16/2016
Action: Staff Letter - #20160216

DRAFT

CITY OF PARIS CLEANING AND DRY (Continued) **S101624417**

Global Id: T0600100379
Action Type: ENFORCEMENT
Date: 02/16/2016
Action: Notification - Public Participation Document - #20160216

Global Id: T0600100379
Action Type: RESPONSE
Date: 05/29/2012
Action: Soil and Water Investigation Workplan

Global Id: T0600100379
Action Type: ENFORCEMENT
Date: 06/26/2014
Action: Notice to Comply - #20140626

Global Id: T0600100379
Action Type: ENFORCEMENT
Date: 10/25/1999
Action: Notice of Responsibility - #19991025

Global Id: T0600100379
Action Type: ENFORCEMENT
Date: 08/29/2014
Action: Staff Letter - #20140829

Global Id: T0600100379
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Staff Letter - #20090724

Global Id: T0600100379
Action Type: ENFORCEMENT
Date: 10/31/2016
Action: Notice to Comply - #20161031

Global Id: T0600100379
Action Type: ENFORCEMENT
Date: 05/06/2016
Action: Staff Letter - #20160506

Global Id: T0600100379
Action Type: RESPONSE
Date: 05/19/1992
Action: Soil and Water Investigation Report

Global Id: T0600100379
Action Type: RESPONSE
Date: 03/31/1993
Action: Soil and Water Investigation Report

Global Id: T0600100379
Action Type: RESPONSE
Date: 05/04/1998
Action: Soil and Water Investigation Report

Global Id: T0600100379
Action Type: RESPONSE

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CITY OF PARIS CLEANING AND DRY (Continued) **S101624417**

Date: 03/31/1993
Action: Soil and Water Investigation Report

Global Id: T0600100379
Action Type: RESPONSE
Date: 05/19/1992
Action: Soil and Water Investigation Report

Global Id: T0600100379
Action Type: RESPONSE
Date: 05/19/1992
Action: Soil and Water Investigation Report

Global Id: T0600100379
Action Type: RESPONSE
Date: 05/01/2015
Action: Monitoring Report - Semi-Annually

Global Id: T0600100379
Action Type: ENFORCEMENT
Date: 04/10/2012
Action: Staff Letter - #20120410

Global Id: T0600100379
Action Type: RESPONSE
Date: 05/04/1998
Action: Soil and Water Investigation Report

Global Id: T0600100379
Action Type: RESPONSE
Date: 02/08/1995
Action: Interim Remedial Action Report

LUST:
Global Id: T0600100379
Status: Open - Case Begin Date
Status Date: 10/04/1990

Global Id: T0600100379
Status: Open - Assessment & Interim Remedial Action
Status Date: 05/19/1992

Global Id: T0600100379
Status: Open - Site Assessment
Status Date: 05/19/1992

Global Id: T0600100379
Status: Open - Eligible for Closure
Status Date: 02/16/2016

Global Id: T0600100379
Status: Completed - Case Closed
Status Date: 03/03/2017

LUST REG 2:

DRAFT

CITY OF PARIS CLEANING AND DRY (Continued) **S101624417**

Region: 2
Facility Id: 01-0415
Facility Status: Preliminary site assessment underway
Case Number: 819
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 6/5/1992
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: Pollution Characterization
Record Id: RO0000133
PE: 5602
Facility Status: Pollution Charaterization
Latitude: 37.826675126
Longitude: -122.27975675

Status: Pollution Characterization
Record Id: RO0000133
PE: 5602
Facility Status: Pollution Charaterization
Latitude: 37.826675126
Longitude: -122.27975675

SWEEPS UST:
Status: Not reported
Comp Number: 45406
Number: Not reported
Board Of Equalization: 44-000435
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-000-045406-000001
Tank Status: Not reported
Capacity: 1
Active Date: Not reported
Tank Use: EMPTY
STG: PRODUCT
Content: EMPTY
Number Of Tanks: 5

Status: Not reported
Comp Number: 45406
Number: Not reported
Board Of Equalization: 44-000435
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported

DRAFT

CITY OF PARIS CLEANING AND DRY (Continued) **S101624417**

Owner Tank Id:	Not reported
SWRCB Tank Id:	01-000-045406-000002
Tank Status:	Not reported
Capacity:	150
Active Date:	Not reported
Tank Use:	EMPTY
STG:	PRODUCT
Content:	EMPTY
Number Of Tanks:	Not reported

Status:	Not reported
Comp Number:	45406
Number:	Not reported
Board Of Equalization:	44-000435
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	01-000-045406-000003
Tank Status:	Not reported
Capacity:	250
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	UNKNOWN
Number Of Tanks:	Not reported

Status:	Not reported
Comp Number:	45406
Number:	Not reported
Board Of Equalization:	44-000435
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	01-000-045406-000004
Tank Status:	Not reported
Capacity:	500
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	Not reported
Number Of Tanks:	Not reported

Status:	Not reported
Comp Number:	45406
Number:	Not reported
Board Of Equalization:	44-000435
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	01-000-045406-000005
Tank Status:	Not reported
Capacity:	1000
Active Date:	Not reported
Tank Use:	UNKNOWN

DRAFT

CITY OF PARIS CLEANING AND DRY (Continued) **S101624417**

STG: PRODUCT
Content: Not reported
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 01000547
Regulated By: UTNKI
Regulated ID: 00045406
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4156555252
Mail To: Not reported
Mailing Address: 3516 ADELINE ST
Mailing Address 2: Not reported
Mailing City,St,Zip: OAKLAND 94608
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: 01-0415

CERS TANKS:
Site ID: 203354
CERS ID: T0600100379
CERS Description: Leaking Underground Storage Tank Cleanup 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

DRAFT

A9 NW < 1/8 0.018 mi. 96 ft. | **CITY OF PARIS CLEANING AND DRY**
3516 ADELINE ST
OAKLAND, CA 94608 | **HIST UST** | **U001599262**
N/A

Site 9 of 11 in cluster A

Relative: Higher

Actual: 32 ft.

HIST UST:

File Number:	00035E7E
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00035E7E.pdf
Region:	STATE
Facility ID:	00000045406
Facility Type:	Other
Other Type:	DRY CLEANING
Contact Name:	Not reported
Telephone:	4156555252
Owner Name:	CITY OF PARIS CLEANING AND DRY
Owner Address:	3516 ADELINE ST.
Owner City,St,Zip:	OAKLAND, CA 94608
Total Tanks:	0005
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00000150
Tank Used for:	WASTE
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	003
Container Num:	3
Year Installed:	Not reported
Tank Capacity:	00000250
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	004
Container Num:	4
Year Installed:	1970
Tank Capacity:	00000500
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	005
Container Num:	5
Year Installed:	1970

DRAFT

CITY OF PARIS CLEANING AND DRY (Continued) **U001599262**

Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Click here for Geo Tracker PDF:

A10 East < 1/8 0.028 mi. 147 ft. **MARCUM JOHN** **EDR Hist Auto** **1009014586**
3515 SAN PABLO AVE **N/A**
OAKLAND, CA

Site 10 of 11 in cluster A

Relative: Higher
Actual: 35 ft.

EDR Hist Auto

Year:	Name:	Type:
1928	MARCUM JOHN	GASOLINE AND OIL SERVICE STATIONS
1933	FINN C A	GASOLINE AND OIL SERVICE STATIONS

A11 ESE < 1/8 0.030 mi. 156 ft. **CAHON ASSOCIATES INC** **LUST** **S101293737**
3501 SAN PABLO **Alameda County CS** **N/A**
OAKLAND, CA 94608 **EMI**
HIST CORTESE
CERS

Site 11 of 11 in cluster A

Relative: Higher
Actual: 34 ft.

LUST:

Lead Agency:	ALAMEDA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600102205
Global Id:	T0600102205
Latitude:	37.826023
Longitude:	-122.278686
Status:	Completed - Case Closed
Status Date:	10/28/1998
Case Worker:	Not reported
RB Case Number:	01-2395
Local Agency:	Not reported
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	RO0000610
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Waste Oil / Motor / Hydraulic / Lubricating
Site History:	Not reported

LUST:

Global Id:	T0600102205
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:	T0600102205

DRAFT

CAHON ASSOCIATES INC (Continued) **S101293737**

Action Type: REMEDIATION
Date: 09/09/9999
Action: Excavation

Global Id: T0600102205
Action Type: Other
Date: 11/19/1990
Action: Leak Reported

LUST:
Global Id: T0600102205
Status: Open - Case Begin Date
Status Date: 11/19/1990

Global Id: T0600102205
Status: Completed - Case Closed
Status Date: 10/28/1998

LUST REG 2:
Region: 2
Facility Id: 01-2395
Facility Status: Case Closed
Case Number: 3701
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: 3/4/1998
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

Alameda County CS:
Status: Case Closed
Record Id: RO0000610
PE: 5602
Facility Status: Case Closed
Latitude: 37.825767958
Longitude: -122.27835342

EMI:
Year: 2013
County Code: 1
Air Basin: SF
Facility ID: 21295
Air District Name: BA
SIC Code: 6513
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: 0.003

DRAFT

CAHON ASSOCIATES INC (Continued) **S101293737**

Reactive Organic Gases Tons/Yr:	0.0025101
Carbon Monoxide Emissions Tons/Yr:	0.009
NOX - Oxides of Nitrogen Tons/Yr:	0.041
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.003
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.003

Year:	2014
County Code:	1
Air Basin:	SF
Facility ID:	21295
Air District Name:	BA
SIC Code:	6513
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:	0.00297239
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0.008975999
NOX - Oxides of Nitrogen Tons/Yr:	0.041287706
SOX - Oxides of Sulphur Tons/Yr:	1.914e-005
Particulate Matter Tons/Yr:	0.003073526
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.002950585

Year:	2015
County Code:	1
Air Basin:	SF
Facility ID:	21295
Air District Name:	BA
SIC Code:	6513
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:	0.00297239
Reactive Organic Gases Tons/Yr:	0.002893889
Carbon Monoxide Emissions Tons/Yr:	0.008975999
NOX - Oxides of Nitrogen Tons/Yr:	0.04128771
SOX - Oxides of Sulphur Tons/Yr:	1.914e-005
Particulate Matter Tons/Yr:	0.003073526
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.002950585

HIST CORTESE:

Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-2395

CERS TANKS:

Site ID:	191524
CERS ID:	T0600102205
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

DRAFT

CAHON ASSOCIATES INC (Continued) **S101293737**

Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

B12
ENE
< 1/8
0.033 mi.
174 ft.

KAUL A S **EDR Hist Auto** **1009014146**
3540 SAN PABLO AVE **N/A**
OAKLAND, CA

Site 1 of 7 in cluster B

Relative:
Higher

EDR Hist Auto

Actual:
36 ft.

Year:	Name:	Type:
1928	KAUL A S	AUTOMOBILE REPAIRING AND SERVICE STATIONS

C13
SW
< 1/8
0.048 mi.
251 ft.

DIXON S AUTOMOTIVE SERVICE **EDR Hist Auto** **1009013051**
1155 34TH ST **N/A**
OAKLAND, CA

Site 1 of 3 in cluster C

Relative:
Lower

EDR Hist Auto

Actual:
28 ft.

Year:	Name:	Type:
1967	DIXON S AUTOMOTIVE SERVICE	AUTOMOBILE REPAIRING
1982	DIXON AUTOMOTIVE SERVICES	General Automotive Repair Shops
1983	DIXON AUTOMOTIVE SERVICES	General Automotive Repair Shops
1985	DIXON AUTOMOTIVE SERVICES	General Automotive Repair Shops
1986	DIXON AUTOMOTIVE SERVICES	General Automotive Repair Shops
1987	DIXON AUTOMOTIVE SERVICES	General Automotive Repair Shops
1996	BROTHER RICHARDS AUTO SERVICE	General Automotive Repair Shops
1997	BROTHER RICHARDS AUTO SERVICE	General Automotive Repair Shops
1998	BROTHER RICHARDS AUTO SERVICE	General Automotive Repair Shops

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D14
North
< 1/8
0.048 mi.
253 ft.

JAMES AUTOMOTIVE REPAIR **EDR Hist Auto** **1022211504**
1120 36TH ST **N/A**
EMERYVILLE, CA 94608

Site 1 of 10 in cluster D

Relative:
Higher

EDR Hist Auto

Actual:
35 ft.

Year:	Name:	Type:
1996	JAMES AUTOMOTIVE REPAIR	Automotive Transmission Repair Shops

DRAFT

D15 NNW < 1/8 0.050 mi. 263 ft. | **ADELINE STREET PROPERTY**
3602 ADELINE & 1122 36TH STREET
EMERYVILLE, CA 94608

US BROWNFIELDS FINDS | **1023619052**
N/A

Site 2 of 10 in cluster D

Relative: Higher

Actual: 33 ft.

US BROWNFIELDS:

Property Name:	ADELINE STREET PROPERTY
Recipient Name:	R9 TBA (STAG Funded)
Grant Type:	TBA
Property Number:	005-0480-003, 005-0480-004, 005-0480-001.01
Parcel size:	.05
Latitude:	37.827245
Longitude:	-122.27973650000001
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:	205101
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completition Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	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:	Not reported
Grant Type:	Hazardous
Accomplishment Type:	Not reported
Accomplishment Count:	0
Cooperative Agreement Number:	n/a
Start Date:	Not reported
Ownership Entity:	Government
Completion Date:	Not reported
Current Owner:	City of Emeryville
Did Owner Change:	N
Cleanup Required:	U
Video Available:	Not reported
Photo Available:	Y
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:	Not reported
Air cleaned:	Not reported

DRAFT

ADELINE STREET PROPERTY (Continued) **1023619052**

Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	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
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:	.02
Surface Water:	Not reported
Past use commercial acreage:	.02
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

DRAFT

ADELINE STREET PROPERTY (Continued) **1023619052**

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:	The property is three vacant adjoining parcels with mixed residential and commercial uses dating back to early 1900s, which included cleaners, dyers and auto repair
Below Poverty Number:	1547
Below Poverty Percent:	21.0%
Meidan Income:	7019
Meidan Income Number:	3211
Meidan Income Percent:	43.5%
Vacant Housing Number:	669
Vacant Housing Percent:	16.0%
Unemployed Number:	558
Unemployed Percent:	7.6%

FINDS:

Registry ID: 110070068959

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.

D16 **FORMER AMBASSADOR LAUNDRY** **US BROWNFIELDS** **1023619595**
NNW **1160-1168 36TH ST. AND 3601 & 3623 ADELINE SI.** **FINDS** **N/A**
< 1/8 **EMERYVILLE, CA 64608**
0.052 mi.
276 ft. **Site 3 of 10 in cluster D**

Relative:
Higher

Actual:
33 ft.

US BROWNFIELDS:

Property Name:	FORMER AMBASSADOR LAUNDRY
Recipient Name:	Emeryville, City of
Grant Type:	Cleanup
Property Number:	Not reported
Parcel size:	.8
Latitude:	37.827751
Longitude:	-122.280387

DRAFT

FORMER AMBASSADOR LAUNDRY (Continued) **1023619595**

HCM Label:	Not reported
Map Scale:	Not reported
Point of Reference:	Not reported
Highlights:	Not reported
Datum:	World Geodetic System of 1984
Acres Property ID:	103463
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completition Date:	12/31/2013 00:00:00
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	100000
Assessment Funding Source:	State/Tribal Funding (non-section 128(a))
Redevelopment Funding:	1555000
Redev. Funding Source:	Local Funding
Redev. Funding Entity Name:	Alameda County Housing&Community Development
Redevelopment Start Date:	03/01/2008 00:00:00
Assessment Funding Entity:	CALReUSE
Cleanup Funding Entity:	Not reported
Grant Type:	Petroleum
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	96985401
Start Date:	05/14/2003 00:00:00
Ownership Entity:	Not reported
Completion Date:	03/11/2008 00:00:00
Current Owner:	Not reported
Did Owner Change:	Not reported
Cleanup Required:	Y
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
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
Groundwater cleaned:	Y
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported

DRAFT

FORMER AMBASSADOR LAUNDRY (Continued) **1023619595**

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:	Y
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:	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

DRAFT

FORMER AMBASSADOR LAUNDRY (Continued) **1023619595**

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:	1345
Below Poverty Percent:	19.5%
Meidan Income:	6888
Meidan Income Number:	2904
Meidan Income Percent:	42.0%
Vacant Housing Number:	621
Vacant Housing Percent:	15.7%
Unemployed Number:	516
Unemployed Percent:	7.5%

Property Name:	FORMER AMBASSADOR LAUNDRY
Recipient Name:	Emeryville, City of
Grant Type:	Cleanup
Property Number:	Not reported
Parcel size:	.8
Latitude:	37.827751
Longitude:	-122.280387
HCM Label:	Not reported
Map Scale:	Not reported
Point of Reference:	Not reported
Highlights:	Not reported
Datum:	World Geodetic System of 1984
Acres Property ID:	103463
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completition Date:	12/31/2013 00:00:00
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	100000
Assessment Funding Source:	State/Tribal Funding (non-section 128(a))
Redevelopment Funding:	12500000
Redev. Funding Source:	Local Funding
Redev. Funding Entity Name:	City of Emeryville
Redevelopment Start Date:	03/01/2008 00:00:00
Assessment Funding Entity:	CALReUSE
Cleanup Funding Entity:	Not reported
Grant Type:	Petroleum
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	96985401
Start Date:	05/14/2003 00:00:00
Ownership Entity:	Not reported
Completion Date:	03/11/2008 00:00:00
Current Owner:	Not reported
Did Owner Change:	Not reported
Cleanup Required:	Y
Video Available:	Not reported
Photo Available:	Not reported
Institutional Controls Required:	U

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FORMER AMBASSADOR LAUNDRY (Continued) **1023619595**

IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
Groundwater cleaned:	Y
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:	Y
Petro products cleaned:	Y
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:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported

DRAFT

FORMER AMBASSADOR LAUNDRY (Continued) **1023619595**

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:	1345
Below Poverty Percent:	19.5%
Meidan Income:	6888
Meidan Income Number:	2904
Meidan Income Percent:	42.0%
Vacant Housing Number:	621
Vacant Housing Percent:	15.7%
Unemployed Number:	516
Unemployed Percent:	7.5%

Property Name:	FORMER AMBASSADOR LAUNDRY
Recipient Name:	Emeryville, City of
Grant Type:	Cleanup
Property Number:	Not reported
Parcel size:	.8
Latitude:	37.827751
Longitude:	-122.280387
HCM Label:	Not reported
Map Scale:	Not reported
Point of Reference:	Not reported
Highlights:	Not reported
Datum:	World Geodetic System of 1984
Acres Property ID:	103463
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completition Date:	12/31/2013 00:00:00
Completed Date:	Not reported
Acres Cleaned Up:	Not reported

DRAFT

FORMER AMBASSADOR LAUNDRY (Continued) **1023619595**

Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	100000
Assessment Funding Source:	State/Tribal Funding (non-section 128(a))
Redevelopment Funding:	2207000
Redev. Funding Source:	Private/Other Funding
Redev. Funding Entity Name:	Wells Fargo (permanent loan)
Redevelopment Start Date:	03/01/2008 00:00:00
Assessment Funding Entity:	CALReUSE
Cleanup Funding Entity:	Not reported
Grant Type:	Petroleum
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	96985401
Start Date:	05/14/2003 00:00:00
Ownership Entity:	Not reported
Completion Date:	03/11/2008 00:00:00
Current Owner:	Not reported
Did Owner Change:	Not reported
Cleanup Required:	Y
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
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
Groundwater cleaned:	Y
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:	Y
Petro products cleaned:	Y

DRAFT

FORMER AMBASSADOR LAUNDRY (Continued) **1023619595**

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:	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:	1345
Below Poverty Percent:	19.5%
Meidan Income:	6888
Meidan Income Number:	2904
Meidan Income Percent:	42.0%

DRAFT

FORMER AMBASSADOR LAUNDRY (Continued) **1023619595**

Vacant Housing Number:	621
Vacant Housing Percent:	15.7%
Unemployed Number:	516
Unemployed Percent:	7.5%

Property Name:	FORMER AMBASSADOR LAUNDRY
Recipient Name:	Emeryville, City of
Grant Type:	Cleanup
Property Number:	Not reported
Parcel size:	.8
Latitude:	37.827751
Longitude:	-122.280387
HCM Label:	Not reported
Map Scale:	Not reported
Point of Reference:	Not reported
Highlights:	Not reported
Datum:	World Geodetic System of 1984
Acres Property ID:	103463
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completition Date:	12/31/2013 00:00:00
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	100000
Assessment Funding Source:	State/Tribal Funding (non-section 128(a))
Redevelopment Funding:	11309000
Redev. Funding Source:	Private/Other Funding
Redev. Funding Entity Name:	Wells Fargo Affordable Housing Community Development Corp
Redevelopment Start Date:	03/01/2008 00:00:00
Assessment Funding Entity:	CALReUSE
Cleanup Funding Entity:	Not reported
Grant Type:	Petroleum
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	96985401
Start Date:	05/14/2003 00:00:00
Ownership Entity:	Not reported
Completion Date:	03/11/2008 00:00:00
Current Owner:	Not reported
Did Owner Change:	Not reported
Cleanup Required:	Y
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

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FORMER AMBASSADOR LAUNDRY (Continued) **1023619595**

Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
Groundwater cleaned:	Y
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:	Y
Petro products cleaned:	Y
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:	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

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FORMER AMBASSADOR LAUNDRY (Continued) **1023619595**

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:	1345
Below Poverty Percent:	19.5%
Meidan Income:	6888
Meidan Income Number:	2904
Meidan Income Percent:	42.0%
Vacant Housing Number:	621
Vacant Housing Percent:	15.7%
Unemployed Number:	516
Unemployed Percent:	7.5%

Property Name:	FORMER AMBASSADOR LAUNDRY
Recipient Name:	Emeryville, City of
Grant Type:	Cleanup
Property Number:	Not reported
Parcel size:	.8
Latitude:	37.827751
Longitude:	-122.280387
HCM Label:	Not reported
Map Scale:	Not reported
Point of Reference:	Not reported
Highlights:	Not reported
Datum:	World Geodetic System of 1984
Acres Property ID:	103463
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completition Date:	12/31/2013 00:00:00
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	100000
Assessment Funding Source:	State/Tribal Funding (non-section 128(a))
Redevelopment Funding:	680000
Redev. Funding Source:	Private/Other Funding
Redev. Funding Entity Name:	Wells Fargo/Federal Home Loan Bank (AHP)
Redevelopment Start Date:	03/01/2008 00:00:00
Assessment Funding Entity:	CALReUSE
Cleanup Funding Entity:	Not reported
Grant Type:	Petroleum

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FORMER AMBASSADOR LAUNDRY (Continued) **1023619595**

Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	96985401
Start Date:	05/14/2003 00:00:00
Ownership Entity:	Not reported
Completion Date:	03/11/2008 00:00:00
Current Owner:	Not reported
Did Owner Change:	Not reported
Cleanup Required:	Y
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
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
Groundwater cleaned:	Y
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:	Y
Petro products cleaned:	Y
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

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FORMER AMBASSADOR LAUNDRY (Continued) **1023619595**

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:	1345
Below Poverty Percent:	19.5%
Meidan Income:	6888
Meidan Income Number:	2904
Meidan Income Percent:	42.0%
Vacant Housing Number:	621
Vacant Housing Percent:	15.7%
Unemployed Number:	516
Unemployed Percent:	7.5%

FINDS:

Registry ID: 110070068428

Environmental Interest/Information System
US EPA Assessment, Cleanup and Redevelopment Exchange System (ACRES)

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FORMER AMBASSADOR LAUNDRY (Continued) **1023619595**

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.

D17 NNW < 1/8 0.052 mi. 276 ft. **AMBASSADOR 1160-1168 36TH STREET EMERYVILLE, CA 94608** **US BROWNFIELDS FINDS** **1016346620 N/A**

Site 4 of 10 in cluster D

Relative: Higher

Actual: 33 ft.

US BROWNFIELDS:

Property Name:	AMBASSADOR
Recipient Name:	Emeryville, City of
Grant Type:	Assessment
Property Number:	049 0481 017 00
Parcel size:	.42
Latitude:	37.82777
Longitude:	-122.28043
HCM Label:	Not reported
Map Scale:	Not reported
Point of Reference:	Not reported
Highlights:	Not reported
Datum:	World Geodetic System of 1984
Acres Property ID:	27401
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completition Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	6900
Assessment Funding Source:	Local Funding
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	City
Cleanup Funding Entity:	Not reported
Grant Type:	Hazardous & Petroleum
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	1
Cooperative Agreement Number:	96947201
Start Date:	09/13/2006 00:00:00
Ownership Entity:	Government
Completion Date:	02/29/2008 00:00:00
Current Owner:	City of Emeryville
Did Owner Change:	N
Cleanup Required:	Y
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

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AMBASSADOR (Continued) **1016346620**

IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
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:	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:	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

DRAFT

AMBASSADOR (Continued) **1016346620**

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:	Laundry and multi-tenant commercial
Below Poverty Number:	1509
Below Poverty Percent:	21.0%
Meidan Income:	7019
Meidan Income Number:	3147
Meidan Income Percent:	43.8%
Vacant Housing Number:	659
Vacant Housing Percent:	16.2%
Unemployed Number:	537
Unemployed Percent:	7.5%

Property Name:	AMBASSADOR
Recipient Name:	Emeryville, City of
Grant Type:	Assessment
Property Number:	049 0481 017 00
Parcel size:	.42
Latitude:	37.82777
Longitude:	-122.28043
HCM Label:	Not reported
Map Scale:	Not reported
Point of Reference:	Not reported
Highlights:	Not reported
Datum:	World Geodetic System of 1984
Acres Property ID:	27401
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completition Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	123000

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AMBASSADOR (Continued) **1016346620**

Assessment Funding Source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	Not reported
Grant Type:	Hazardous & Petroleum
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	1
Cooperative Agreement Number:	96947201
Start Date:	09/13/2006 00:00:00
Ownership Entity:	Government
Completion Date:	02/29/2008 00:00:00
Current Owner:	City of Emeryville
Did Owner Change:	N
Cleanup Required:	Y
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
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
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

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AMBASSADOR (Continued) **1016346620**

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:	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:	Laundry and multi-tenant commercial
Below Poverty Number:	1509
Below Poverty Percent:	21.0%
Meidan Income:	7019
Meidan Income Number:	3147
Meidan Income Percent:	43.8%
Vacant Housing Number:	659
Vacant Housing Percent:	16.2%
Unemployed Number:	537

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AMBASSADOR (Continued) **1016346620**

Unemployed Percent: 7.5%

FINDS:

Registry ID: 110038710589

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.

B18
NNE
< 1/8
0.057 mi.
303 ft.

PLAZA CLEANERS THE **EDR Hist Cleaner** **1009140511**
3600 SAN PABLO AVE **N/A**
OAKLAND, CA

Site 2 of 7 in cluster B

Relative:
Higher

EDR Hist Cleaner

Actual:
37 ft.

Year:	Name:	Type:
1967	PLAZA CLEANERS THE	CLEANERS AND DYERS

D19
NNE
< 1/8
0.059 mi.
313 ft.

MINAMOTO J **EDR Hist Cleaner** **1009141693**
3615 SAN PABLO AVE **N/A**
OAKLAND, CA

Site 5 of 10 in cluster D

Relative:
Higher

EDR Hist Cleaner

Actual:
36 ft.

Year:	Name:	Type:
1925	MINAMOTO J	CLEANERS DYERS AND PRESSERS

D20
NNW
< 1/8
0.060 mi.
317 ft.

ECONOMY LAUNDRY COMPANY **EDR Hist Cleaner** **1009139750**
1168 36TH TEL PIEDMONT 3766 **N/A**
OAKLAND, CA

Site 6 of 10 in cluster D

Relative:
Higher

EDR Hist Cleaner

Actual:
32 ft.

Year:	Name:	Type:
1943	ARROW TOWEL & LAUNDRY CO	LAUNDRIES-STEAM
1943	AMBASSADOR LAUNDRY COMPANY	LAUNDRIES-ROUGH DRY
1943	AMBASSADOR LAUNDRY COMPANY	LAUNDRIES-FAMILY BUNDLE
1943	AMBASSADOR LAUNDRY COMPANY	CURTAIN LAUNDRIES
1943	AMBASSADOR LAUNDRY COMPANY	LAUNDRIES-STEAM

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D21 NNE < 1/8 0.063 mi. 333 ft. | **KNUDSEN HAROLD D COMPANY**
3620 SAN PABLO AVE
OAKLAND, CA
Site 7 of 10 in cluster D | **EDR Hist Auto** | **1009014349**
N/A

Relative: Higher
Actual: 37 ft.

EDR Hist Auto

Year:	Name:	Type:
1928	KNUDSEN HAROLD D COMPANY	AUTOMOBILE REPAIRING AND SERVICE STATIONS

B22 ESE < 1/8 0.067 mi. 353 ft. | **AAA SAN PABLO FUEL DBA CHEVRON**
3420 SAN PABLO AVE
OAKLAND, CA 94608
Site 3 of 7 in cluster B | **CERS**
CERS HAZ WASTE
CERS TANKS | **S121754316**
N/A

Relative: Higher
Actual: 35 ft.

CERS TANKS:

Site ID:	2450
CERS ID:	10464319
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	2450
Site Name:	AAA SAN PABLO FUEL DBA CHEVRON
Violation Date:	12-26-2017
Citation:	HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description:	Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes:	OBSERVATION: The net worth math is incorrect by one zero: CFO letter shall state $200,000 tangible net worth, not $2,000,000. CORRECTIVE ACTION: Upload the required information into CERS and submit for review by the CUPA within 30 days.
Violation Division:	Alameda County Environmental Health
Violation Program:	UST
Violation Source:	CERS

Site ID:	2450
Site Name:	AAA SAN PABLO FUEL DBA CHEVRON
Violation Date:	12-14-2015
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes:	Returned to compliance on 03/23/2016. OBERVATION: Emergency Response/Contingency Plan requires updating of Local Unified Agency phone number to ACDEH (510) 567-6700. CORRECTIVE ACTION: Revise the Emergency Response/Contingency Plan and upload to CERS.
Violation Division:	Alameda County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS

Site ID:	2450
Site Name:	AAA SAN PABLO FUEL DBA CHEVRON
Violation Date:	12-15-2014
Citation:	HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description:	Failure to submit and maintain complete and current Certification of

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AAA SAN PABLO FUEL DBA CHEVRON (Continued) **S121754316**

Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Updated Financial responsibility document needs to be prepared.
Violation Division: Oakland City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-26-2017
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 to continuously monitor the interstitial space of a double-walled tank with an audible and visual alarm system.
Violation Notes: Returned to compliance on 12/26/2017. OBSERVATION: Regular tank annular sensor did not go into alarm on the first test at 2:20 pm. Sensor was placed on the concrete fueling pad and was out of the reservoir for approximately one hour. Prior to replacing the sensor in the reservoir, it was retested at 3:30 pm and went into/out of alarm several times. CORRECTED ON SITE.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-14-2015
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description: Failure to maintain on site an approved monitoring plan.
Violation Notes: Returned to compliance on 03/23/2016. OBSERVATION: Monitoring Procedures submitted to CERS are not approved. CORRECTIVE ACTION: Corrected Monitoring Procedures will be emailed to the operator. Submit corrections into CERS.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-15-2014
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: 2013 dated HMBP was prepared however this information now needs to be in CERS
Violation Division: Oakland City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-11-2013
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

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AAA SAN PABLO FUEL DBA CHEVRON (Continued) **S121754316**

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 12/11/2013. During annual inspection water was found in spill bucket.
Violation Division: Oakland City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-14-2015
Citation: HSC 6.7 25286(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25286(a)
Violation Description: Failure to submit an complete and accurate application for a permit to operate an underground storage tank, or for renewal of the permit.
Violation Notes: Returned to compliance on 03/23/2016. OBSERVATION: 2015 UST Operating Permit Application and Tank information has not been submitted to CERS. CORRECTIVE ACTION: Update 2015 Permit application information in CERS.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-11-2013
Citation: HSC 6.7 25292.1(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25292.1(a)
Violation Description: Failure to operate the UST system to prevent spills and/or overfills.
Violation Notes: Returned to compliance on 04/04/2014. During the annual inspection tank #1 spill bucket test failed a hydrostatic test
Violation Division: Oakland City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 04-13-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 04/20/2017.
Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-14-2015
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 03/23/2016. OBSERVATION: Failed submit 2015

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AAA SAN PABLO FUEL DBA CHEVRON (Continued) **S121754316**

Certificate of Financial Responsibility and mechanism to CERS
CORRECTIVE ACTION: Upload Financial doucuments to CERS.

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

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-14-2015
Citation: 23 CCR 16 2632, 2634, 2636, 2666 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632, 2634, 2636, 2666
Violation Description: Failure of the leak detection equipment to have an audible and visual alarm as required.
Violation Notes: Returned to compliance on 12/14/2015. OBSERVATION: 91 annular sensor not operational. CORRECTIVE ACTION: Repair and re-test senor. Corrected at time of inspection.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-13-2016
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 UST.
Violation Notes: Returned to compliance on 12/13/2016. OBSERVATION: Alarm history is not being documented. CORRECTED ACTION: A new Alarm History/Suspected Leak Log was left at the site. Document all alarms. Include how the alarm was corrected. Do not list ISD alarms. CORRECTED AT THE TIME OF INSPECTION.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-13-2016
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Description: Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.
Violation Notes: Returned to compliance on 12/13/2016. OBSERVATION: Daily Monitoring panel inspection is not being documented per a condition of the UST Operating Permit. CORRECTIVE ACTION: A new Daily Monitoring panel inspection form was left with the operator. Daily inspect the Veeder Root monitoring panel and document if it is "ON" and if there is an alarm. CORRECTED AT THE TIME OF INSPECTION.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-14-2015
Citation: 23 CCR 16 2632, 2634, 2636, 2666 - California Code of Regulations,

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AAA SAN PABLO FUEL DBA CHEVRON (Continued) **S121754316**

Title 23, Chapter 16, Section(s) 2632, 2634, 2636, 2666
Violation Description: Failure of the leak detection equipment to be properly programmed or properly operated.
Violation Notes: Returned to compliance on 03/23/2016. OBSERVATION: The sensor located in the hydrostatic reservoir for the annular was observed to be a Veeder Root 420 steel tank annular sensor. CORRECTIVE ACTION: If the sensor is a Veeder Root 420 sensor it is not certified in this application. Replace the VR 420 sensor with a certified sensor for this application.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-14-2015
Citation: 19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes: Returned to compliance on 03/23/2016. OBSERVATION: No 2015 submittal to CERS. CORRECTIVE ACTION: Submit 2015 HMBP information to CERS
Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-15-2014
Citation: 23 CCR 16 2666(c) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2666(c)
Violation Description: Failure of line leak detector to detect a leak and/or failure of audible and visual alarm.
Violation Notes: Returned to compliance on 12/15/2014.
Violation Division: Oakland City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-26-2017
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: OBSERVATION: Annual Monitoring Certification and Secondary Containment test results reports not observed on site for past three years. CORRECTIVE ACTION: Maintain written monitoring and maintenance records 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.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON

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AAA SAN PABLO FUEL DBA CHEVRON (Continued) **S121754316**

Violation Date: 12-15-2014
Citation: 23 CCR 16 2715(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(b)
Violation Description: Failure to submit statement of UST compliance and/or Designated Operator current certification.
Violation Notes: owners statement of DO is not current for site
Violation Division: Oakland City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-14-2015
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.
Violation Notes: Returned to compliance on 03/23/2016. OBSERVATION: No 2015 submittal to CERS. CORRECTIVE ACTION: Submit 2015 HMBP information to CERS.
Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-15-2014
Citation: HSC 6.11 25404(e)(4) - California Health and Safety Code, Chapter 6.11, Section(s) 25404(e)(4)
Violation Description: Failure to report program data electronically.
Violation Notes: NO data on tanks has been submitted into CERS
Violation Division: Oakland City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-26-2017
Citation: 23 CCR 16 2638(a), 2641(j) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2638(a), 2641(j)
Violation Description: Failure of the leak detection equipment to be installed, calibrated, operated, and/or maintained properly.
Violation Notes: Returned to compliance on 12/26/2017. OBSERVATION: Dispenser 5/6 was observed with 1 to 1 1/2 inches of diesel in the dispenser pan. Stand-alone Beaudreau SENSOR WAS OBSERVED RAISED about 2 to 2 1/2 inches from bottom of the dispenser pan. Technician diagnosed a leaking line leak detector snap cap test port on the impact valve as the cause of leak. Snap caps was removed and replaced with a plug. Cashier removed diesel and placed in drum on 12/27. All monthly designated operator reports indicate UDCs are free of debris and liquid. No service calls appear to indicate a problem with the UDC. In August Dispenser #5 was reported with meter calibration problems, and Encore meter was replaced in dispenser #6 diesel. During testing, the liquid sensor properly shut off power to the dispenser. CORRECTIVE ACTION: Properly operate leak detection equipment to detect leaks at the earliest opportunity and per manufacturer's specifications. CORRECTED ON SITE ON DEC 27, 2017. OBSERVED BY INSPECTOR THAT SENSOR [Truncated]

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AAA SAN PABLO FUEL DBA CHEVRON (Continued) **S121754316**

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

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-15-2014
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: fThe lids on sumps need to bolted down
Violation Division: Oakland City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-14-2015
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 03/23/2016. OBSERVATION: No 2015 submittal to CERS. CORRECTIVE ACTION: Submit 2015 HMBP information to CERS
Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-26-2017
Citation: HSC 6.7 25299(a)(9) - California Health and Safety Code, Chapter 6.7, Section(s) 25299(a)(9)
Violation Description: Leak detection equipment disabled or tampered with in a manner that would prevent the monitoring system from detecting and/or alerting the owner/operator of a leak.
Violation Notes: Returned to compliance on 12/26/2017. OBSERVATION: Dispenser 5/6 was observed with 1 to 1 1/2 inches of diesel in the dispenser pan. Stand-alone Beaudreau SENSOR WAS OBSERVED RAISED about 2 to 2 1/2 inches from bottom of the dispenser pan. Technician diagnosed a leaking line leak detector snap cap test port on the impact valve as the cause of leak. Snap caps was removed and replaced with a plug. Cashier removed diesel and placed in drum on 12/27. All monthly designated operator reports indicate UDCs are free of debris and liquid. No service calls appear to indicate a problem with the UDC. In August Dispenser #5 was reported with meter calibration problems, and Encore meter was replaced in dispenser #6 diesel. During testing, the liquid sensor properly shut off power to the dispenser. CORRECTIVE ACTION: Immediately relocate this sensor to the lowest point of the [grade/location] sump. CORRECTED ON SITE ON DEC 27, 2017. OBSERVED BY INSPECTOR THAT SENSOR WAS PLACED AT LOWEST POINT IN UDC, ALL WAS [Truncated]
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

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AAA SAN PABLO FUEL DBA CHEVRON (Continued) **S121754316**

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-26-2017
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Description: Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.
Violation Notes: OBSERVATION: a) Facility does not maintain a monthly log of daily inspections of the monitoring console. b) Facility CERS certification of financial responsibility appears to be incorrect. c) Facility did not RECORD on the operator's monthly monitoring log the release of diesel into UDC 5/6. CORRECTIVE ACTION: Comply with all operating permit conditions. Submittal of compliance documents will satisfy this requirement.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-13-2016
Citation: 23 CCR 16 2666(c) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2666(c)
Violation Description: Failure of the line leak detector (LLD) monitoring single-walled pressurized piping to shut down the pump when a leak is detected or when the LLD fails or is disconnected.
Violation Notes: Returned to compliance on 12/13/2016. OBSERVATION: Premium and Regular Unleaded line leak detector did not pass initial testing. Premium did pass. CORRECTIVE ACTION: Regular, Premium and Diesel siphon jets were replaced and line leak detectors passed. CORRECTED AT THE TIME OF INSPECTION.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-26-2017
Citation: 23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)
Violation Description: Failure to maintain monitoring and maintenance records and/or maintain records of appropriate follow-up actions.
Violation Notes: OBSERVATION: Suspected leak activity log only observed for March 2016. Equipment monitoring log observed only for March 2016 and December 2017. CORRECTIVE ACTION: Maintain leak detection alarm logs and records of appropriate follow-up actions. Transmit the next month's worth of logs and follow up actions to ACDEH inspector within 30 days.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-14-2015
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

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AAA SAN PABLO FUEL DBA CHEVRON (Continued) **S121754316**

	system.
Violation Notes:	Returned to compliance on 03/23/2016. OBSERVATION: The sensor located in the hydrostatic reservoir for the annular was observed to be a Veeder Root 420 steel tank annular sensor. CORRECTIVE ACTION: If the sensor is a Veeder Root 420 sensor it is not certified in this application. Replace the VR 420 sensor with a certified sensor for this application.
Violation Division:	Alameda County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	2450
Site Name:	AAA SAN PABLO FUEL DBA CHEVRON
Violation Date:	12-26-2017
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:	OBSERVATION: UST Site Map does not depict generalized pipeline layout. Monitoring system sensors are not properly designated on UST Site Map. CORRECTIVE ACTION: Submit and maintain an accurate UST Operating Permit Application for Facility information and/or Tank information in CERS within 30 days.
Violation Division:	Alameda County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	2450
Site Name:	AAA SAN PABLO FUEL DBA CHEVRON
Violation Date:	12-14-2015
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 12/14/2015. OBSERVATION: 91 annular sensor not operational. Float clip broken. CORRECTIVE ACTION: Repair and re-test senor. Float clip replaced. Corrected at time of inspection.
Violation Division:	Alameda County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	2450
Site Name:	AAA SAN PABLO FUEL DBA CHEVRON
Violation Date:	12-14-2015
Citation:	HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description:	Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes:	OBSERVATION: No 2015 submittal to CERS. CORRECTIVE ACTION: Submit 2015 HMBP information to CERS.
Violation Division:	Alameda County Environmental Health
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	2450

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AAA SAN PABLO FUEL DBA CHEVRON (Continued) **S121754316**

Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-26-2017
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.
Violation Notes: Returned to compliance on 12/26/2017. OBSERVATION: Dispenser 5/6 was observed with 1 to 1 1/2 inches of diesel in the dispenser pan. Stand-alone Beaudreau SENSOR WAS OBSERVED RAISED about 2 to 2 1/2 inches from bottom of the dispenser pan. Technician diagnosed a leaking line leak detector snap cap test port on the impact valve as the cause of leak. Snap caps was removed and replaced with a plug. Cashier removed diesel and placed in drum on 12/27. All monthly designated operator reports indicate UDCs are free of debris and liquid. No service calls appear to indicate a problem with the UDC. In August Dispenser #5 was reported with meter calibration problems, and Encore meter was replaced in dispenser #6 diesel. During testing, the liquid sensor properly shut off power to the dispenser. CORRECTIVE ACTION: Maintain under-dispenser containment, sumps, and/or other secondary containment in good condition and/or free of debris/liquid. CORRECTED ON SITE ON DEC 27, 2017. OBSERVED BY INSPECTOR THAT WAS [Truncated]
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-14-2015
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 03/23/2016. OBSERVATION: No 2015 submittal to CERS. CORRECTIVE ACTION: Submit 2015 HMBP information to CERS
Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-26-2017
Citation: 23 CCR 16 2630(d), 2641(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2630(d), 2641(a)
Violation Description: Failure of leak detection equipment to be located such that equipment is capable of detecting a leak at the earliest possible opportunity.
Violation Notes: Returned to compliance on 12/26/2017. OBSERVATION: Dispenser 5/6 was observed with 1 to 1 1/2 inches of diesel in the dispenser pan. Stand-alone Beaudreau SENSOR WAS OBSERVED RAISED about 2 to 2 1/2 inches from bottom of the dispenser pan. Technician diagnosed a leaking line leak detector snap cap test port on the impact valve as the cause of leak. Snap caps was removed and replaced with a plug. Cashier removed diesel and placed in drum on 12/27. All monthly designated operator reports indicate UDCs are free of debris and liquid. No service calls appear to indicate a problem with the UDC. In August Dispenser #5 was reported with meter calibration problems, and

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AAA SAN PABLO FUEL DBA CHEVRON (Continued) **S121754316**

Encore meter was replaced in dispenser #6 diesel. During testing, the liquid sensor properly shut off power to the dispenser. CORRECTIVE ACTION: Locate sensor to the proper position/location to detect a leak at the earliest opportunity. CORRECTED ON SITE ON DEC 27, 2017. OBSERVED BY INSPECTOR THAT SENSOR WAS PLACED AT LOWEST POINT IN UDC, [Truncated]

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

Evaluation:

Eval General Type: Other/Unknown
Eval Date: 04-13-2017
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: HMBP NOV LETTER/ADD VIOLATION
Eval Division: Alameda County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-13-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Secondary Containment Testing. AAA San Pablo Fuel dba Chevron 3420 San Pablo Avenue Oakland Witnessed secondary containment testing of three double wall underground storage tank systems. Ben Duncan is the tester. Underground storage tanks are hydrostatically monitored double wall fiberglass tanks exempt from testing. The interstitials of the double walled fiberglass piping was pressurized to 3-4 psi and passed. Turbine/piping and fill sumps, and UDC were Lake Tested with the Caldwell System and passed. Sensors were placed back to original position after testing. NO VIOLATIONS OBSERVED AT THE TIME OF INSPECTION.
Eval Division: Alameda County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-11-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Conducted inspection during annual monitoring certification.
Eval Division: Oakland City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-13-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ANNUAL UNDERGROUND STORAGE TANK INSPECTION SAN PABLO FUELS DBA CHEVRON 3420 SAN PABLO AVENUE OAKLAND Annual underground storage tank inspection conducted by Alameda County Department of Environmental Health on December 13, 2016. Zane Nimmo of Afforatest was the service tech that conducted the annual monitoring equipment certification and spill container testing. Consent to inspect was given by and the

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AAA SAN PABLO FUEL DBA CHEVRON (Continued) **S121754316**

inspection report was reviewed with David Ajoudani, manager. There are three 10,000 gallon double wall fiberglass tanks (Regular, Premium and Diesel). Annulars are hydrostatic. Regular and diesel annulars have box reservoirs. Fill sumps have VR 208 sensors. Piping sumps have VR 208 sensors and ELLD on turbines. Product piing is double wall fiberglass. UDC monitored by Beaudreau stand alone sensors. Overfill protection by flapper valve. Regular and Premium ELLD testing failed initial test. Air was present in the lines. Siphon jets were replaced on all [Truncated]

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

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-14-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: AAA SAN PABLO FUEL DBA CHEVRON 3420 San Pablo Ave Oakland, CA Initial Hazardous Waste Generator (HWG) inspection conducted by Alameda County Department of Environmental Health (ACDEH) on December 14, 2015. Consent to inspect was given by and the completed inspection report was reviewed with David Ajoudani, manager. Manager states no hazardous waste generated at this time.
Eval Division: Alameda County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-14-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: AAA SAN PABLO FUEL DBA CHEVRON 3420 San Pablo Ave Oakland, CA 94619 Initial Underground Storage Tank (UST) inspection conducted by Alameda County Department of Environmental Health (ACDEH) on December 14, 2015. Ed Stearns of Affordatest is the service technician conducting the monitoring equipment certification and spill container testing. Consent to inspect was given by and the completed inspection report was reviewed with David Ajoudani, manager. There are three 10000 gallon double walled fiberglass underground storage tank (one Regular Unleaded, one Premium Unleaded gasoline and one Diesel).
Eval Division: Alameda County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-14-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: AAA SAN PABLO FUEL DBA CHEVRON 3420 SAN PABLO AVENUE OAKLAND Initial Hazardous Material Business Plan (HMBP) inspection conducted by Alameda County Department of Environmental Health (ACDEH) on December 14, 2015. Consent to inspect was given by and the completed inspection report was reviewed with David Ajoudani, manager. There are three 10000 gallon double walled fiberglass underground storage tank (one Regular Unleaded, one Premium Unleaded gasoline and one Diesel). There is no Hazardous Material Business Plan submitted for 2014 or 2015 to CERS. The last submittal was in 2013. Annual submittal into CERS is

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AAA SAN PABLO FUEL DBA CHEVRON (Continued) **S121754316**

required by Alameda County Department of Environmental Health.

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

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-15-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oakland City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-15-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: LLDs for 91 and diesel both failed. Sensors were adjusted and passed second test
Eval Division: Oakland City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-26-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Annual UST System Inspection conducted in conjunction with the Annual Monitoring Certification on December 26, 2017. AAA San Pablo Fuel dba Chevron 3420 san Pablo Ave. Oakland, CA 94608 Zane Nimmo of Affordatest was the service technician that conducted the annual monitoring equipment certification and spill container testing. There are three 10,000 gallon double wall fiberglass tanks (regular, premium, diesel). Tank annulars are hydrostatic. Regular and diesel annulars have box reservoirs. Fill sumps have VR 208 sensors. Piping sumps have VR 208 sensors and ELLD on turbines. Product piping is double wall fiberglass. UDC are monitored by stand alone Beaudreau sensors. Overfill protection by flapper valve. The tanks are programmed to conduct CSLD testing. CSLD testing is not a certified monitoring method for double wall tanks. This monthly testing can be deleted from the ATG/Veeder Root panel programming if it does not interfere with the mandated UST [Truncated]
Eval Division: Alameda County Environmental Health
Eval Program: UST
Eval Source: CERS

Coordinates:
Site ID: 2450
Facility Name: AAA SAN PABLO FUEL DBA CHEVRON
Env Int Type Code: HWG
Program ID: 10464319
Coord Name: Not reported
Ref Point Type Desc: Unknown
Latitude: 37.825874
Longitude: -122.277557

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AAA SAN PABLO FUEL DBA CHEVRON (Continued) **S121754316**

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:	Document Preparer
Entity Name:	Cina Flores
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	NPH
Entity Title:	Not reported
Affiliation Address:	798 LIGHTHOUSE AVE
Affiliation City:	MONTEREY
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93940
Affiliation Phone:	(831) 905-5700

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	3420 San Pablo Ave
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94608
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	Cina Flores
Entity Title:	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:	ALMASI, AZITA
Entity Title:	Not reported
Affiliation Address:	965 LAUREL GLEN DR
Affiliation City:	PALO ALTO
Affiliation State:	CA

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AAA SAN PABLO FUEL DBA CHEVRON (Continued) **S121754316**

Affiliation Country: United States
Affiliation Zip: 94304
Affiliation Phone: (650) 947-7500

Affiliation Type Desc: Operator
Entity Name: AAA SAN PABLO FUEL INC dba CHEVRON
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: (650) 974-7500

Affiliation Type Desc: Parent Corporation
Entity Name: AAA SAN PABLO FUEL DBA CHEVRON
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: Primary Emergency Contact
Entity Name: AZITA ALMASI
Entity Title: OWNER/ OPERATOR
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (650) 947-7500

Affiliation Type Desc: Secondary Emergency Contact
Entity Name: NPM
Entity Title: REPAIR TECH
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (831) 905-5744

Affiliation Type Desc: UST Permit Applicant
Entity Name: Azita Almasi
Entity Title: Owner
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (650) 947-7500

Affiliation Type Desc: UST Property Owner Name
Entity Name: Azita Almasi
Entity Title: Not reported

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AAA SAN PABLO FUEL DBA CHEVRON (Continued) **S121754316**

Affiliation Address:	965 LAUREL GLEN DR
Affiliation City:	PALO ALTO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94304
Affiliation Phone:	(650) 947-7500

Affiliation Type Desc:	UST Tank Operator
Entity Name:	AAA SAN PABLO FUEL INC
Entity Title:	Not reported
Affiliation Address:	3420 SAN PABLO AVE
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94608
Affiliation Phone:	(510) 595-9396

Affiliation Type Desc:	UST Tank Owner
Entity Name:	Azita Almasi
Entity Title:	Not reported
Affiliation Address:	965 LAUREL GLEN DR
Affiliation City:	PALO ALTO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94304
Affiliation Phone:	(650) 947-7500

CERS HAZ WASTE:

Site ID:	2450
CERS ID:	10464319
CERS Description:	Hazardous Waste Generator

Violations:

Site ID:	2450
Site Name:	AAA SAN PABLO FUEL DBA CHEVRON
Violation Date:	12-26-2017
Citation:	HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description:	Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes:	OBSERVATION: The net worth math is incorrect by one zero: CFO letter shall state $200,000 tangible net worth, not $2,000,000. CORRECTIVE ACTION: Upload the required information into CERS and submit for review by the CUPA within 30 days.
Violation Division:	Alameda County Environmental Health
Violation Program:	UST
Violation Source:	CERS

Site ID:	2450
Site Name:	AAA SAN PABLO FUEL DBA CHEVRON
Violation Date:	12-14-2015
Citation:	HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description:	Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.

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AAA SAN PABLO FUEL DBA CHEVRON (Continued) **S121754316**

Violation Notes: Returned to compliance on 03/23/2016. OBERVATION: Emergency Response/Contingency Plan requires updating of Local Unified Agency phone number to ACDEH (510) 567-6700. CORRECTIVE ACTION: Revise the Emergency Response/Contingency Plan and upload to CERS.
Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-15-2014
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Updated Financial responsibility document needs to be prepared.
Violation Division: Oakland City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-26-2017
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 to continuously monitor the interstitial space of a double-walled tank with an audible and visual alarm system.
Violation Notes: Returned to compliance on 12/26/2017. OBSERVATION: Regular tank annular sensor did not go into alarm on the first test at 2:20 pm. Sensor was placed on the concrete fueling pad and was out of the reservoir for approximately one hour. Prior to replacing the sensor in the reservoir, it was retested at 3:30 pm and went into/out of alarm several times. CORRECTED ON SITE.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-14-2015
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description: Failure to maintain on site an approved monitoring plan.
Violation Notes: Returned to compliance on 03/23/2016. OBSERVATION: Monitoring Procedures submitted to CERS are not approved. CORRECTIVE ACTION: Corrected Monitoring Procedures will be emailed to the operator. Submit corrections into CERS.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-15-2014
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

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AAA SAN PABLO FUEL DBA CHEVRON (Continued) **S121754316**

storing/handling a hazardous material at or above reportable quantities.
Violation Notes: 2013 dated HMBP was prepared however this information now needs to be in CERS
Violation Division: Oakland City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-11-2013
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 12/11/2013. During annual inspection water was found in spill bucket.
Violation Division: Oakland City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-14-2015
Citation: HSC 6.7 25286(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25286(a)
Violation Description: Failure to submit an complete and accurate application for a permit to operate an underground storage tank, or for renewal of the permit.
Violation Notes: Returned to compliance on 03/23/2016. OBSERVATION: 2015 UST Operating Permit Application and Tank information has not been submitted to CERS. CORRECTIVE ACTION: Update 2015 Permit application information in CERS.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-11-2013
Citation: HSC 6.7 25292.1(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25292.1(a)
Violation Description: Failure to operate the UST system to prevent spills and/or overfills.
Violation Notes: Returned to compliance on 04/04/2014. During the annual inspection tank #1 spill bucket test failed a hydrostatic test
Violation Division: Oakland City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 04-13-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable

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AAA SAN PABLO FUEL DBA CHEVRON (Continued) **S121754316**

quantities.
Violation Notes: Returned to compliance on 04/20/2017.
Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-14-2015
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 03/23/2016. OBSERVATION: Failed submit 2015 Certificate of Financial Responsibility and mechanism to CERS CORRECTIVE ACTION: Upload Financial doucuments to CERS.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-14-2015
Citation: 23 CCR 16 2632, 2634, 2636, 2666 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632, 2634, 2636, 2666
Violation Description: Failure of the leak detection equipment to have an audible and visual alarm as required.
Violation Notes: Returned to compliance on 12/14/2015. OBSERVATION: 91 annular sensor not operational. CORRECTIVE ACTION: Repair and re-test senor. Corrected at time of inspection.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-13-2016
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 UST.
Violation Notes: Returned to compliance on 12/13/2016. OBSERVATION: Alarm history is not being documented. CORRECTED ACTION: A new Alarm History/Suspected Leak Log was left at the site. Document all alarms. Include how the alarm was corrected. Do not list ISD alarms. CORRECTED AT THE TIME OF INSPECTION.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-13-2016
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Description: Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.

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AAA SAN PABLO FUEL DBA CHEVRON (Continued) **S121754316**

Violation Notes: Returned to compliance on 12/13/2016. OBSERVATION: Daily Monitoring panel inspection is not being documented per a condition of the UST Operating Permit. CORRECTIVE ACTION: A new Daily Monitoring panel inspection form was left with the operator. Daily inspect the Veeder Root monitoring panel and document if it is "ON" and if there is an alarm. CORRECTED AT THE TIME OF INSPECTION.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-14-2015
Citation: 23 CCR 16 2632, 2634, 2636, 2666 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632, 2634, 2636, 2666
Violation Description: Failure of the leak detection equipment to be properly programmed or properly operated.
Violation Notes: Returned to compliance on 03/23/2016. OBSERVATION: The sensor located in the hydrostatic reservoir for the annular was observed to be a Veeder Root 420 steel tank annular sensor. CORRECTIVE ACTION: If the sensor is a Veeder Root 420 sensor it is not certified in this application. Replace the VR 420 sensor with a certified sensor for this application.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-14-2015
Citation: 19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes: Returned to compliance on 03/23/2016. OBSERVATION: No 2015 submittal to CERS. CORRECTIVE ACTION: Submit 2015 HMBP information to CERS
Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-15-2014
Citation: 23 CCR 16 2666(c) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2666(c)
Violation Description: Failure of line leak detector to detect a leak and/or failure of audible and visual alarm.
Violation Notes: Returned to compliance on 12/15/2014.
Violation Division: Oakland City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-26-2017
Citation: 23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)

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AAA SAN PABLO FUEL DBA CHEVRON (Continued) **S121754316**

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: OBSERVATION: Annual Monitoring Certification and Secondary Containment test results reports not observed on site for past three years. CORRECTIVE ACTION: Maintain written monitoring and maintenance records 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.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-15-2014
Citation: 23 CCR 16 2715(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(b)
Violation Description: Failure to submit statement of UST compliance and/or Designated Operator current certification.
Violation Notes: owners statement of DO is not current for site
Violation Division: Oakland City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-14-2015
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.
Violation Notes: Returned to compliance on 03/23/2016. OBSERVATION: No 2015 submittal to CERS. CORRECTIVE ACTION: Submit 2015 HMBP information to CERS.
Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-15-2014
Citation: HSC 6.11 25404(e)(4) - California Health and Safety Code, Chapter 6.11, Section(s) 25404(e)(4)
Violation Description: Failure to report program data electronically.
Violation Notes: NO data on tanks has been submitted into CERS
Violation Division: Oakland City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-26-2017
Citation: 23 CCR 16 2638(a), 2641(j) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2638(a), 2641(j)
Violation Description: Failure of the leak detection equipment to be installed, calibrated, operated, and/or maintained properly.
Violation Notes: Returned to compliance on 12/26/2017. OBSERVATION: Dispenser 5/6 was observed with 1 to 1 1/2 inches of diesel in the dispenser pan.

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AAA SAN PABLO FUEL DBA CHEVRON (Continued) **S121754316**

Stand-alone Beaudreau SENSOR WAS OBSERVED RAISED about 2 to 2 1/2 inches from bottom of the dispenser pan. Technician diagnosed a leaking line leak detector snap cap test port on the impact valve as the cause of leak. Snap caps was removed and replaced with a plug. Cashier removed diesel and placed in drum on 12/27. All monthly designated operator reports indicate UDCs are free of debris and liquid. No service calls appear to indicate a problem with the UDC. In August Dispenser #5 was reported with meter calibration problems, and Encore meter was replaced in dispenser #6 diesel. During testing, the liquid sensor properly shut off power to the dispenser. CORRECTIVE ACTION: Properly operate leak detection equipment to detect leaks at the earliest opportunity and per manufacturer's specifications. CORRECTED ON SITE ON DEC 27, 2017. OBSERVED BY INSPECTOR THAT SENSOR [Truncated]

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

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-15-2014
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: fThe lids on sumps need to bolted down
Violation Division: Oakland City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-14-2015
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 03/23/2016. OBSERVATION: No 2015 submittal to CERS. CORRECTIVE ACTION: Submit 2015 HMBP information to CERS
Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-26-2017
Citation: HSC 6.7 25299(a)(9) - California Health and Safety Code, Chapter 6.7, Section(s) 25299(a)(9)
Violation Description: Leak detection equipment disabled or tampered with in a manner that would prevent the monitoring system from detecting and/or alerting the owner/operator of a leak.
Violation Notes: Returned to compliance on 12/26/2017. OBSERVATION: Dispenser 5/6 was observed with 1 to 1 1/2 inches of diesel in the dispenser pan. Stand-alone Beaudreau SENSOR WAS OBSERVED RAISED about 2 to 2 1/2 inches from bottom of the dispenser pan. Technician diagnosed a leaking line leak detector snap cap test port on the impact valve as

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AAA SAN PABLO FUEL DBA CHEVRON (Continued) **S121754316**

the cause of leak. Snap caps was removed and replaced with a plug. Cashier removed diesel and placed in drum on 12/27. All monthly designated operator reports indicate UDCs are free of debris and liquid. No service calls appear to indicate a problem with the UDC. In August Dispenser #5 was reported with meter calibration problems, and Encore meter was replaced in dispenser #6 diesel. During testing, the liquid sensor properly shut off power to the dispenser. CORRECTIVE ACTION: Immediately relocate this sensor to the lowest point of the [grade/location] sump. CORRECTED ON SITE ON DEC 27, 2017. OBSERVED BY INSPECTOR THAT SENSOR WAS PLACED AT LOWEST POINT IN UDC, ALL WAS [Truncated]

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

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-26-2017
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Description: Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.
Violation Notes: OBSERVATION: a) Facility does not maintain a monthly log of daily inspections of the monitoring console. b) Facility CERS certification of financial responsibility appears to be incorrect. c) Facility did not RECORD on the operator's monthly monitoring log the release of diesel into UDC 5/6. CORRECTIVE ACTION: Comply with all operating permit conditions. Submittal of compliance documents will satisfy this requirement.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-13-2016
Citation: 23 CCR 16 2666(c) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2666(c)
Violation Description: Failure of the line leak detector (LLD) monitoring single-walled pressurized piping to shut down the pump when a leak is detected or when the LLD fails or is disconnected.
Violation Notes: Returned to compliance on 12/13/2016. OBSERVATION: Premium and Regular Unleaded line leak detector did not pass initial testing. Premium did pass. CORRECTIVE ACTION: Regular, Premium and Diesel siphon jets were replaced and line leak detectors passed. CORRECTED AT THE TIME OF INSPECTION.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-26-2017
Citation: 23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)
Violation Description: Failure to maintain monitoring and maintenance records and/or maintain records of appropriate follow-up actions.

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AAA SAN PABLO FUEL DBA CHEVRON (Continued) **S121754316**

Violation Notes:	OBSERVATION: Suspected leak activity log only observed for March 2016. Equipment monitoring log observed only for March 2016 and December 2017. CORRECTIVE ACTION: Maintain leak detection alarm logs and records of appropriate follow-up actions. Transmit the next month's worth of logs and follow up actions to ACDEH inspector within 30 days.
Violation Division:	Alameda County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	2450
Site Name:	AAA SAN PABLO FUEL DBA CHEVRON
Violation Date:	12-14-2015
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 03/23/2016. OBSERVATION: The sensor located in the hydrostatic reservoir for the annular was observed to be a Veeder Root 420 steel tank annular sensor. CORRECTIVE ACTION: If the sensor is a Veeder Root 420 sensor it is not certified in this application. Replace the VR 420 sensor with a certified sensor for this application.
Violation Division:	Alameda County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	2450
Site Name:	AAA SAN PABLO FUEL DBA CHEVRON
Violation Date:	12-26-2017
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:	OBSERVATION: UST Site Map does not depict generalized pipeline layout. Monitoring system sensors are not properly designated on UST Site Map. CORRECTIVE ACTION: Submit and maintain an accurate UST Operating Permit Application for Facility information and/or Tank information in CERS within 30 days.
Violation Division:	Alameda County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	2450
Site Name:	AAA SAN PABLO FUEL DBA CHEVRON
Violation Date:	12-14-2015
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 12/14/2015. OBSERVATION: 91 annular sensor not operational. Float clip broken. CORRECTIVE ACTION: Repair and re-test senor. Float clip replaced. Corrected at time of inspection.
Violation Division:	Alameda County Environmental Health
Violation Program:	UST
Violation Source:	CERS

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AAA SAN PABLO FUEL DBA CHEVRON (Continued) **S121754316**

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-14-2015
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: OBSERVATION: No 2015 submittal to CERS. CORRECTIVE ACTION: Submit 2015 HMBP information to CERS.
Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-26-2017
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.
Violation Notes: Returned to compliance on 12/26/2017. OBSERVATION: Dispenser 5/6 was observed with 1 to 1 1/2 inches of diesel in the dispenser pan. Stand-alone Beaudreau SENSOR WAS OBSERVED RAISED about 2 to 2 1/2 inches from bottom of the dispenser pan. Technician diagnosed a leaking line leak detector snap cap test port on the impact valve as the cause of leak. Snap caps was removed and replaced with a plug. Cashier removed diesel and placed in drum on 12/27. All monthly designated operator reports indicate UDCs are free of debris and liquid. No service calls appear to indicate a problem with the UDC. In August Dispenser #5 was reported with meter calibration problems, and Encore meter was replaced in dispenser #6 diesel. During testing, the liquid sensor properly shut off power to the dispenser. CORRECTIVE ACTION: Maintain under-dispenser containment, sumps, and/or other secondary containment in good condition and/or free of debris/liquid. CORRECTED ON SITE ON DEC 27, 2017. OBSERVED BY INSPECTOR THAT WAS [Truncated]
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-14-2015
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 03/23/2016. OBSERVATION: No 2015 submittal to CERS. CORRECTIVE ACTION: Submit 2015 HMBP information to CERS
Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON

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AAA SAN PABLO FUEL DBA CHEVRON (Continued) **S121754316**

Violation Date: 12-26-2017
Citation: 23 CCR 16 2630(d), 2641(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2630(d), 2641(a)
Violation Description: Failure of leak detection equipment to be located such that equipment is capable of detecting a leak at the earliest possible opportunity.
Violation Notes: Returned to compliance on 12/26/2017. OBSERVATION: Dispenser 5/6 was observed with 1 to 1 1/2 inches of diesel in the dispenser pan. Stand-alone Beaudreau SENSOR WAS OBSERVED RAISED about 2 to 2 1/2 inches from bottom of the dispenser pan. Technician diagnosed a leaking line leak detector snap cap test port on the impact valve as the cause of leak. Snap caps was removed and replaced with a plug. Cashier removed diesel and placed in drum on 12/27. All monthly designated operator reports indicate UDCs are free of debris and liquid. No service calls appear to indicate a problem with the UDC. In August Dispenser #5 was reported with meter calibration problems, and Encore meter was replaced in dispenser #6 diesel. During testing, the liquid sensor properly shut off power to the dispenser. CORRECTIVE ACTION: Locate sensor to the proper position/location to detect a leak at the earliest opportunity. CORRECTED ON SITE ON DEC 27, 2017. OBSERVED BY INSPECTOR THAT SENSOR WAS PLACED AT LOWEST POINT IN UDC, [Truncated]
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 04-13-2017
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: HMBP NOV LETTER/ADD VIOLATION
Eval Division: Alameda County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-13-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Secondary Containment Testing. AAA San Pablo Fuel dba Chevron 3420 San Pablo Avenue Oakland Witnessed secondary containment testing of three double wall underground storage tank systems. Ben Duncan is the tester. Underground storage tanks are hydrostatically monitored double wall fiberglass tanks exempt from testing. The interstitials of the double walled fiberglass piping was pressurized to 3-4 psi and passed. Turbine/piping and fill sumps, and UDC were Lake Tested with the Caldwell System and passed. Sensors were placed back to original position after testing. NO VIOLATIONS OBSERVED AT THE TIME OF INSPECTION.
Eval Division: Alameda County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-11-2013
Violations Found: Yes
Eval Type: Routine done by local agency

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AAA SAN PABLO FUEL DBA CHEVRON (Continued) **S121754316**

Eval Notes: Conducted inspection during annual monitoring certification.
Eval Division: Oakland City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-13-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ANNUAL UNDERGROUND STORAGE TANK INSPECTION SAN PABLO FUELS DBA CHEVRON 3420 SAN PABLO AVENUE OAKLAND Annual underground storage tank inspection conducted by Alameda County Department of Environmental Health on December 13, 2016. Zane Nimmo of Afforatest was the service tech that conducted the annual monitoring equipment certification and spill container testing. Consent to inspect was given by and the inspection report was reviewed with David Ajoudani, manager. There are three 10,000 gallon double wall fiberglass tanks (Regular, Premium and Diesel). Annulars are hydrostatic. Regular and diesel annulars have box reservoirs. Fill sumps have VR 208 sensors. Piping sumps have VR 208 sensors and ELLD on turbines. Product piing is double wall fiberglass. UDC monitored by Beaudreau stand alone sensors. Overfill protection by flapper valve. Regular and Premium ELLD testing failed initial test. Air was present in the lines. Siphon jets were replaced on all [Truncated]
Eval Division: Alameda County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-14-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: AAA SAN PABLO FUEL DBA CHEVRON 3420 San Pablo Ave Oakland, CA Initial Hazardous Waste Generator (HWG) inspection conducted by Alameda County Department of Environmental Health (ACDEH) on December 14, 2015. Consent to inspect was given by and the completed inspection report was reviewed with David Ajoudani, manager. Manager states no hazardous waste generated at this time.
Eval Division: Alameda County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-14-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: AAA SAN PABLO FUEL DBA CHEVRON 3420 San Pablo Ave Oakland, CA 94619 Initial Underground Storage Tank (UST) inspection conducted by Alameda County Department of Environmental Health (ACDEH) on December 14, 2015. Ed Stearns of Affordatest is the service technician conducting the monitoring equipment certification and spill container testing. Consent to inspect was given by and the completed inspection report was reviewed with David Ajoudani, manager. There are three 10000 gallon double walled fiberglass underground storage tank (one Regular Unleaded, one Premium Unleaded gasoline and one Diesel).
Eval Division: Alameda County Environmental Health
Eval Program: UST

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AAA SAN PABLO FUEL DBA CHEVRON (Continued) **S121754316**

Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-14-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: AAA SAN PABLO FUEL DBA CHEVRON 3420 SAN PABLO AVENUE OAKLAND Initial Hazardous Material Business Plan (HMBP) inspection conducted by Alameda County Department of Environmental Health (ACDEH) on December 14, 2015. Consent to inspect was given by and the completed inspection report was reviewed with David Ajoudani, manager. There are three 10000 gallon double walled fiberglass underground storage tank (one Regular Unleaded, one Premium Unleaded gasoline and one Diesel). There is no Hazardous Material Business Plan submitted for 2014 or 2015 to CERS. The last submittal was in 2013. Annual submittal into CERS is required by Alameda County Department of Environmental Health.
Eval Division: Alameda County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-15-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Oakland City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-15-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: LLDs for 91 and diesel both failed. Sensors were adjusted and passed second test
Eval Division: Oakland City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-26-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Annual UST System Inspection conducted in conjunction with the Annual Monitoring Certification on December 26, 2017. AAA San Pablo Fuel dba Chevron 3420 san Pablo Ave. Oakland, CA 94608 Zane Nimmo of Affordatest was the service technician that conducted the annual monitoring equipment certification and spill container testing. There are three 10,000 gallon double wall fiberglass tanks (regular, premium, diesel). Tank annulars are hydrostatic. Regular and diesel annulars have box reservoirs. Fill sumps have VR 208 sensors. Piping sumps have VR 208 sensors and ELLD on turbines. Product piping is double wall fiberglass. UDC are monitored by stand alone Beaudreau sensors. Overfill protection by flapper valve. The tanks are programmed to conduct CSLD testing. CSLD testing is not a certified monitoring method for double wall tanks. This monthly testing can be deleted from the ATG/Veeder Root panel programming if it does not

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AAA SAN PABLO FUEL DBA CHEVRON (Continued) **S121754316**

	interfere with the mandated UST [Truncated]
Eval Division:	Alameda County Environmental Health
Eval Program:	UST
Eval Source:	CERS

Coordinates:

Site ID:	2450
Facility Name:	AAA SAN PABLO FUEL DBA CHEVRON
Env Int Type Code:	HWG
Program ID:	10464319
Coord Name:	Not reported
Ref Point Type Desc:	Unknown
Latitude:	37.825874
Longitude:	-122.277557

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:	Document Preparer
Entity Name:	Cina Flores
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	NPH
Entity Title:	Not reported
Affiliation Address:	798 LIGHTHOUSE AVE
Affiliation City:	MONTEREY
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93940
Affiliation Phone:	(831) 905-5700
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	3420 San Pablo Ave
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94608
Affiliation Phone:	Not reported

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AAA SAN PABLO FUEL DBA CHEVRON (Continued) **S121754316**

Affiliation Type Desc:	Identification Signer
Entity Name:	Cina Flores
Entity Title:	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:	ALMASI, AZITA
Entity Title:	Not reported
Affiliation Address:	965 LAUREL GLEN DR
Affiliation City:	PALO ALTO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94304
Affiliation Phone:	(650) 947-7500

Affiliation Type Desc:	Operator
Entity Name:	AAA SAN PABLO FUEL INC dba CHEVRON
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:	(650) 974-7500

Affiliation Type Desc:	Parent Corporation
Entity Name:	AAA SAN PABLO FUEL DBA CHEVRON
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:	Primary Emergency Contact
Entity Name:	AZITA ALMASI
Entity Title:	OWNER/ OPERATOR
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 947-7500

Affiliation Type Desc:	Secondary Emergency Contact
Entity Name:	NPM
Entity Title:	REPAIR TECH
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

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AAA SAN PABLO FUEL DBA CHEVRON (Continued) **S121754316**

Affiliation Zip:	Not reported
Affiliation Phone:	(831) 905-5744
Affiliation Type Desc:	UST Permit Applicant
Entity Name:	Azita Almasi
Entity Title:	Owner
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 947-7500
Affiliation Type Desc:	UST Property Owner Name
Entity Name:	Azita Almasi
Entity Title:	Not reported
Affiliation Address:	965 LAUREL GLEN DR
Affiliation City:	PALO ALTO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94304
Affiliation Phone:	(650) 947-7500
Affiliation Type Desc:	UST Tank Operator
Entity Name:	AAA SAN PABLO FUEL INC
Entity Title:	Not reported
Affiliation Address:	3420 SAN PABLO AVE
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94608
Affiliation Phone:	(510) 595-9396
Affiliation Type Desc:	UST Tank Owner
Entity Name:	Azita Almasi
Entity Title:	Not reported
Affiliation Address:	965 LAUREL GLEN DR
Affiliation City:	PALO ALTO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94304
Affiliation Phone:	(650) 947-7500

CERS TANKS:

Site ID:	2450
CERS ID:	10464319
CERS Description:	Underground Storage Tank

Violations:

Site ID:	2450
Site Name:	AAA SAN PABLO FUEL DBA CHEVRON
Violation Date:	12-26-2017
Citation:	HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description:	Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.

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AAA SAN PABLO FUEL DBA CHEVRON (Continued) **S121754316**

Violation Notes: OBSERVATION: The net worth math is incorrect by one zero: CFO letter shall state $200,000 tangible net worth, not $2,000,000. CORRECTIVE ACTION: Upload the required information into CERS and submit for review by the CUPA within 30 days.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-14-2015
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to establish and electronically submit an adequate emergency response plan and procedures for a release or threatened release of a hazardous material.
Violation Notes: Returned to compliance on 03/23/2016. OBERVATION: Emergency Response/Contingency Plan requires updating of Local Unified Agency phone number to ACDEH (510) 567-6700. CORRECTIVE ACTION: Revise the Emergency Response/Contingency Plan and upload to CERS.
Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-15-2014
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Updated Financial responsibility document needs to be prepared.
Violation Division: Oakland City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-26-2017
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 to continuously monitor the interstitial space of a double-walled tank with an audible and visual alarm system.
Violation Notes: Returned to compliance on 12/26/2017. OBSERVATION: Regular tank annular sensor did not go into alarm on the first test at 2:20 pm. Sensor was placed on the concrete fueling pad and was out of the reservoir for approximately one hour. Prior to replacing the sensor in the reservoir, it was retested at 3:30 pm and went into/out of alarm several times. CORRECTED ON SITE.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-14-2015
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter

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AAA SAN PABLO FUEL DBA CHEVRON (Continued) **S121754316**

	16, Section(s) 2712(i)
Violation Description:	Failure to maintain on site an approved monitoring plan.
Violation Notes:	Returned to compliance on 03/23/2016. OBSERVATION: Monitoring Procedures submitted to CERS are not approved. CORRECTIVE ACTION: Corrected Monitoring Procedures will be emailed to the operator. Submit corrections into CERS.
Violation Division:	Alameda County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	2450
Site Name:	AAA SAN PABLO FUEL DBA CHEVRON
Violation Date:	12-15-2014
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:	2013 dated HMBP was prepared however this information now needs to be in CERS
Violation Division:	Oakland City Fire Department
Violation Program:	HMRRP
Violation Source:	CERS
Site ID:	2450
Site Name:	AAA SAN PABLO FUEL DBA CHEVRON
Violation Date:	12-11-2013
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 12/11/2013. During annual inspection water was found in spill bucket.
Violation Division:	Oakland City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	2450
Site Name:	AAA SAN PABLO FUEL DBA CHEVRON
Violation Date:	12-14-2015
Citation:	HSC 6.7 25286(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25286(a)
Violation Description:	Failure to submit an complete and accurate application for a permit to operate an underground storage tank, or for renewal of the permit.
Violation Notes:	Returned to compliance on 03/23/2016. OBSERVATION: 2015 UST Operating Permit Application and Tank information has not been submitted to CERS. CORRECTIVE ACTION: Update 2015 Permit application information in CERS.
Violation Division:	Alameda County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	2450
Site Name:	AAA SAN PABLO FUEL DBA CHEVRON
Violation Date:	12-11-2013

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AAA SAN PABLO FUEL DBA CHEVRON (Continued) **S121754316**

Citation: HSC 6.7 25292.1(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25292.1(a)
Violation Description: Failure to operate the UST system to prevent spills and/or overfills.
Violation Notes: Returned to compliance on 04/04/2014. During the annual inspection tank #1 spill bucket test failed a hydrostatic test
Violation Division: Oakland City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 04-13-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 04/20/2017.
Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-14-2015
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 03/23/2016. OBSERVATION: Failed submit 2015 Certificate of Financial Responsibility and mechanism to CERS CORRECTIVE ACTION: Upload Financial doucuments to CERS.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-14-2015
Citation: 23 CCR 16 2632, 2634, 2636, 2666 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632, 2634, 2636, 2666
Violation Description: Failure of the leak detection equipment to have an audible and visual alarm as required.
Violation Notes: Returned to compliance on 12/14/2015. OBSERVATION: 91 annular sensor not operational. CORRECTIVE ACTION: Repair and re-test senor. Corrected at time of inspection.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-13-2016
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 UST.

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AAA SAN PABLO FUEL DBA CHEVRON (Continued) **S121754316**

Violation Notes: Returned to compliance on 12/13/2016. OBSERVATION: Alarm history is not being documented. CORRECTED ACTION: A new Alarm History/Suspected Leak Log was left at the site. Document all alarms. Include how the alarm was corrected. Do not list ISD alarms. CORRECTED AT THE TIME OF INSPECTION.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-13-2016
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Description: Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.
Violation Notes: Returned to compliance on 12/13/2016. OBSERVATION: Daily Monitoring panel inspection is not being documented per a condition of the UST Operating Permit. CORRECTIVE ACTION: A new Daily Monitoring panel inspection form was left with the operator. Daily inspect the Veeder Root monitoring panel and document if it is "ON" and if there is an alarm. CORRECTED AT THE TIME OF INSPECTION.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-14-2015
Citation: 23 CCR 16 2632, 2634, 2636, 2666 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2632, 2634, 2636, 2666
Violation Description: Failure of the leak detection equipment to be properly programmed or properly operated.
Violation Notes: Returned to compliance on 03/23/2016. OBSERVATION: The sensor located in the hydrostatic reservoir for the annular was observed to be a Veeder Root 420 steel tank annular sensor. CORRECTIVE ACTION: If the sensor is a Veeder Root 420 sensor it is not certified in this application. Replace the VR 420 sensor with a certified sensor for this application.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-14-2015
Citation: 19 CCR 6.95 25508(a)(1) - California Code of Regulations, Title 19, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit the Business Activities Page and/or Business Owner Operator Identification Page.
Violation Notes: Returned to compliance on 03/23/2016. OBSERVATION: No 2015 submittal to CERS. CORRECTIVE ACTION: Submit 2015 HMBP information to CERS
Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 2450

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AAA SAN PABLO FUEL DBA CHEVRON (Continued) **S121754316**

Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-15-2014
Citation: 23 CCR 16 2666(c) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2666(c)
Violation Description: Failure of line leak detector to detect a leak and/or failure of audible and visual alarm.
Violation Notes: Returned to compliance on 12/15/2014.
Violation Division: Oakland City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-26-2017
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: OBSERVATION: Annual Monitoring Certification and Secondary Containment test results reports not observed on site for past three years. CORRECTIVE ACTION: Maintain written monitoring and maintenance records 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.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-15-2014
Citation: 23 CCR 16 2715(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(b)
Violation Description: Failure to submit statement of UST compliance and/or Designated Operator current certification.
Violation Notes: owners statement of DO is not current for site
Violation Division: Oakland City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-14-2015
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
Violation Description: Failure to annually review and electronically certify that the business plan is complete, accurate, and up-to-date.
Violation Notes: Returned to compliance on 03/23/2016. OBSERVATION: No 2015 submittal to CERS. CORRECTIVE ACTION: Submit 2015 HMBP information to CERS.
Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-15-2014
Citation: HSC 6.11 25404(e)(4) - California Health and Safety Code, Chapter

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AAA SAN PABLO FUEL DBA CHEVRON (Continued) **S121754316**

6.11, Section(s) 25404(e)(4)
Violation Description: Failure to report program data electronically.
Violation Notes: NO data on tanks has been submitted into CERS
Violation Division: Oakland City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-26-2017
Citation: 23 CCR 16 2638(a), 2641(j) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2638(a), 2641(j)
Violation Description: Failure of the leak detection equipment to be installed, calibrated, operated, and/or maintained properly.
Violation Notes: Returned to compliance on 12/26/2017. OBSERVATION: Dispenser 5/6 was observed with 1 to 1 1/2 inches of diesel in the dispenser pan. Stand-alone Beaudreau SENSOR WAS OBSERVED RAISED about 2 to 2 1/2 inches from bottom of the dispenser pan. Technician diagnosed a leaking line leak detector snap cap test port on the impact valve as the cause of leak. Snap caps was removed and replaced with a plug. Cashier removed diesel and placed in drum on 12/27. All monthly designated operator reports indicate UDCs are free of debris and liquid. No service calls appear to indicate a problem with the UDC. In August Dispenser #5 was reported with meter calibration problems, and Encore meter was replaced in dispenser #6 diesel. During testing, the liquid sensor properly shut off power to the dispenser. CORRECTIVE ACTION: Properly operate leak detection equipment to detect leaks at the earliest opportunity and per manufacturer's specifications. CORRECTED ON SITE ON DEC 27, 2017. OBSERVED BY INSPECTOR THAT SENSOR [Truncated]
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-15-2014
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: fThe lids on sumps need to bolted down
Violation Division: Oakland City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-14-2015
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 03/23/2016. OBSERVATION: No 2015 submittal to CERS. CORRECTIVE ACTION: Submit 2015 HMBP information to CERS
Violation Division: Alameda County Environmental Health

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AAA SAN PABLO FUEL DBA CHEVRON (Continued) **S121754316**

Violation Program: HMRRP
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-26-2017
Citation: HSC 6.7 25299(a)(9) - California Health and Safety Code, Chapter 6.7, Section(s) 25299(a)(9)
Violation Description: Leak detection equipment disabled or tampered with in a manner that would prevent the monitoring system from detecting and/or alerting the owner/operator of a leak.
Violation Notes: Returned to compliance on 12/26/2017. OBSERVATION: Dispenser 5/6 was observed with 1 to 1 1/2 inches of diesel in the dispenser pan. Stand-alone Beaudreau SENSOR WAS OBSERVED RAISED about 2 to 2 1/2 inches from bottom of the dispenser pan. Technician diagnosed a leaking line leak detector snap cap test port on the impact valve as the cause of leak. Snap caps was removed and replaced with a plug. Cashier removed diesel and placed in drum on 12/27. All monthly designated operator reports indicate UDCs are free of debris and liquid. No service calls appear to indicate a problem with the UDC. In August Dispenser #5 was reported with meter calibration problems, and Encore meter was replaced in dispenser #6 diesel. During testing, the liquid sensor properly shut off power to the dispenser. CORRECTIVE ACTION: Immediately relocate this sensor to the lowest point of the [grade/location] sump. CORRECTED ON SITE ON DEC 27, 2017. OBSERVED BY INSPECTOR THAT SENSOR WAS PLACED AT LOWEST POINT IN UDC, ALL WAS [Truncated]
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-26-2017
Citation: 23 CCR 16 2712 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712
Violation Description: Failure to comply with any of the applicable requirements of the permit issued for the operation of the UST system.
Violation Notes: OBSERVATION: a) Facility does not maintain a monthly log of daily inspections of the monitoring console. b) Facility CERS certification of financial responsibility appears to be incorrect. c) Facility did not RECORD on the operator's monthly monitoring log the release of diesel into UDC 5/6. CORRECTIVE ACTION: Comply with all operating permit conditions. Submittal of compliance documents will satisfy this requirement.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-13-2016
Citation: 23 CCR 16 2666(c) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2666(c)
Violation Description: Failure of the line leak detector (LLD) monitoring single-walled pressurized piping to shut down the pump when a leak is detected or when the LLD fails or is disconnected.

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AAA SAN PABLO FUEL DBA CHEVRON (Continued) **S121754316**

Violation Notes:	Returned to compliance on 12/13/2016. OBSERVATION: Premium and Regular Unleaded line leak detector did not pass initial testing. Premium did pass. CORRECTIVE ACTION: Regular, Premium and Diesel siphon jets were replaced and line leak detectors passed. CORRECTED AT THE TIME OF INSPECTION.
Violation Division:	Alameda County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	2450
Site Name:	AAA SAN PABLO FUEL DBA CHEVRON
Violation Date:	12-26-2017
Citation:	23 CCR 16 2712(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(b)
Violation Description:	Failure to maintain monitoring and maintenance records and/or maintain records of appropriate follow-up actions.
Violation Notes:	OBSERVATION: Suspected leak activity log only observed for March 2016. Equipment monitoring log observed only for March 2016 and December 2017. CORRECTIVE ACTION: Maintain leak detection alarm logs and records of appropriate follow-up actions. Transmit the next month's worth of logs and follow up actions to ACDEH inspector within 30 days.
Violation Division:	Alameda County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	2450
Site Name:	AAA SAN PABLO FUEL DBA CHEVRON
Violation Date:	12-14-2015
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 03/23/2016. OBSERVATION: The sensor located in the hydrostatic reservoir for the annular was observed to be a Veeder Root 420 steel tank annular sensor. CORRECTIVE ACTION: If the sensor is a Veeder Root 420 sensor it is not certified in this application. Replace the VR 420 sensor with a certified sensor for this application.
Violation Division:	Alameda County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	2450
Site Name:	AAA SAN PABLO FUEL DBA CHEVRON
Violation Date:	12-26-2017
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:	OBSERVATION: UST Site Map does not depict generalized pipeline layout. Monitoring system sensors are not properly designated on UST Site Map. CORRECTIVE ACTION: Submit and maintain an accurate UST Operating Permit Application for Facility information and/or Tank information in CERS within 30 days.
Violation Division:	Alameda County Environmental Health
Violation Program:	UST
Violation Source:	CERS

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AAA SAN PABLO FUEL DBA CHEVRON (Continued) **S121754316**

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-14-2015
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 12/14/2015. OBSERVATION: 91 annular sensor not operational. Float clip broken. CORRECTIVE ACTION: Repair and re-test senor. Float clip replaced. Corrected at time of inspection.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-14-2015
Citation: HSC 6.95 25507 - California Health and Safety Code, Chapter 6.95, Section(s) 25507
Violation Description: Failure to adequately establish and implement a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: OBSERVATION: No 2015 submittal to CERS. CORRECTIVE ACTION: Submit 2015 HMBP information to CERS.
Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-26-2017
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.
Violation Notes: Returned to compliance on 12/26/2017. OBSERVATION: Dispenser 5/6 was observed with 1 to 1 1/2 inches of diesel in the dispenser pan.
Stand-alone Beaudreau SENSOR WAS OBSERVED RAISED about 2 to 2 1/2 inches from bottom of the dispenser pan. Technician diagnosed a leaking line leak detector snap cap test port on the impact valve as the cause of leak. Snap caps was removed and replaced with a plug. Cashier removed diesel and placed in drum on 12/27. All monthly designated operator reports indicate UDCs are free of debris and liquid. No service calls appear to indicate a problem with the UDC. In August Dispenser #5 was reported with meter calibration problems, and Encore meter was replaced in dispenser #6 diesel. During testing, the liquid sensor properly shut off power to the dispenser. CORRECTIVE ACTION: Maintain under-dispenser containment, sumps, and/or other secondary containment in good condition and/or free of debris/liquid.
CORRECTED ON SITE ON DEC 27, 2017. OBSERVED BY INSPECTOR THAT WAS [Truncated]
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 2450

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AAA SAN PABLO FUEL DBA CHEVRON (Continued) **S121754316**

Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-14-2015
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit hazardous material inventory information for all reportable hazardous materials on site at or above reportable quantities.
Violation Notes: Returned to compliance on 03/23/2016. OBSERVATION: No 2015 submittal to CERS. CORRECTIVE ACTION: Submit 2015 HMBP information to CERS
Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 2450
Site Name: AAA SAN PABLO FUEL DBA CHEVRON
Violation Date: 12-26-2017
Citation: 23 CCR 16 2630(d), 2641(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2630(d), 2641(a)
Violation Description: Failure of leak detection equipment to be located such that equipment is capable of detecting a leak at the earliest possible opportunity.
Violation Notes: Returned to compliance on 12/26/2017. OBSERVATION: Dispenser 5/6 was observed with 1 to 1 1/2 inches of diesel in the dispenser pan. Stand-alone Beaudreau SENSOR WAS OBSERVED RAISED about 2 to 2 1/2 inches from bottom of the dispenser pan. Technician diagnosed a leaking line leak detector snap cap test port on the impact valve as the cause of leak. Snap caps was removed and replaced with a plug. Cashier removed diesel and placed in drum on 12/27. All monthly designated operator reports indicate UDCs are free of debris and liquid. No service calls appear to indicate a problem with the UDC. In August Dispenser #5 was reported with meter calibration problems, and Encore meter was replaced in dispenser #6 diesel. During testing, the liquid sensor properly shut off power to the dispenser. CORRECTIVE ACTION: Locate sensor to the proper position/location to detect a leak at the earliest opportunity. CORRECTED ON SITE ON DEC 27, 2017. OBSERVED BY INSPECTOR THAT SENSOR WAS PLACED AT LOWEST POINT IN UDC, [Truncated]
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Evaluation:
Eval General Type: Other/Unknown
Eval Date: 04-13-2017
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: HMBP NOV LETTER/ADD VIOLATION
Eval Division: Alameda County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 06-13-2016
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: Secondary Containment Testing. AAA San Pablo Fuel dba Chevron 3420 San Pablo Avenue Oakland Witnessed secondary containment testing of three double wall underground storage tank systems. Ben Duncan is the

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AAA SAN PABLO FUEL DBA CHEVRON (Continued) **S121754316**

tester. Underground storage tanks are hydrostatically monitored double wall fiberglass tanks exempt from testing. The interstitials of the double walled fiberglass piping was pressurized to 3-4 psi and passed. Turbine/piping and fill sumps, and UDC were Lake Tested with the Caldwell System and passed. Sensors were placed back to original position after testing. NO VIOLATIONS OBSERVED AT THE TIME OF INSPECTION.

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

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-11-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Conducted inspection during annual monitoring certification.
Eval Division: Oakland City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-13-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ANNUAL UNDERGROUND STORAGE TANK INSPECTION SAN PABLO FUELS DBA CHEVRON 3420 SAN PABLO AVENUE OAKLAND Annual underground storage tank inspection conducted by Alameda County Department of Environmental Health on December 13, 2016. Zane Nimmo of Afforatest was the service tech that conducted the annual monitoring equipment certification and spill container testing. Consent to inspect was given by and the inspection report was reviewed with David Ajoudani, manager. There are three 10,000 gallon double wall fiberglass tanks (Regular, Premium and Diesel). Annulars are hydrostatic. Regular and diesel annulars have box reservoirs. Fill sumps have VR 208 sensors. Piping sumps have VR 208 sensors and ELLD on turbines. Product piing is double wall fiberglass. UDC monitored by Beaudreau stand alone sensors. Overfill protection by flapper valve. Regular and Premium ELLD testing failed initial test. Air was present in the lines. Siphon jets were replaced on all [Truncated]
Eval Division: Alameda County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 12-14-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: AAA SAN PABLO FUEL DBA CHEVRON 3420 San Pablo Ave Oakland, CA Initial Hazardous Waste Generator (HWG) inspection conducted by Alameda County Department of Environmental Health (ACDEH) on December 14, 2015. Consent to inspect was given by and the completed inspection report was reviewed with David Ajoudani, manager. Manager states no hazardous waste generated at this time.
Eval Division: Alameda County Environmental Health
Eval Program: HW
Eval Source: CERS

DRAFT

AAA SAN PABLO FUEL DBA CHEVRON (Continued) **S121754316**

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-14-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	AAA SAN PABLO FUEL DBA CHEVRON 3420 San Pablo Ave Oakland, CA 94619 Initial Underground Storage Tank (UST) inspection conducted by Alameda County Department of Environmental Health (ACDEH) on December 14, 2015. Ed Stearns of Affordatest is the service technician conducting the monitoring equipment certification and spill container testing. Consent to inspect was given by and the completed inspection report was reviewed with David Ajoudani, manager. There are three 10000 gallon double walled fiberglass underground storage tank (one Regular Unleaded, one Premium Unleaded gasoline and one Diesel).
Eval Division:	Alameda County Environmental Health
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-14-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	AAA SAN PABLO FUEL DBA CHEVRON 3420 SAN PABLO AVENUE OAKLAND Initial Hazardous Material Business Plan (HMBP) inspection conducted by Alameda County Department of Environmental Health (ACDEH) on December 14, 2015. Consent to inspect was given by and the completed inspection report was reviewed with David Ajoudani, manager. There are three 10000 gallon double walled fiberglass underground storage tank (one Regular Unleaded, one Premium Unleaded gasoline and one Diesel). There is no Hazardous Material Business Plan submitted for 2014 or 2015 to CERS. The last submittal was in 2013. Annual submittal into CERS is required by Alameda County Department of Environmental Health.
Eval Division:	Alameda County Environmental Health
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-15-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Oakland City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-15-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	LLDs for 91 and diesel both failed. Sensors were adjusted and passed second test
Eval Division:	Oakland City Fire Department
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-26-2017
Violations Found:	Yes

DRAFT

AAA SAN PABLO FUEL DBA CHEVRON (Continued) **S121754316**

Eval Type:	Routine done by local agency
Eval Notes:	Annual UST System Inspection conducted in conjunction with the Annual Monitoring Certification on December 26, 2017. AAA San Pablo Fuel dba Chevron 3420 san Pablo Ave. Oakland, CA 94608 Zane Nimmo of Affordatest was the service technician that conducted the annual monitoring equipment certification and spill container testing. There are three 10,000 gallon double wall fiberglass tanks (regular, premium, diesel). Tank annulars are hydrostatic. Regular and diesel annulars have box reservoirs. Fill sumps have VR 208 sensors. Piping sumps have VR 208 sensors and ELLD on turbines. Product piping is double wall fiberglass. UDC are monitored by stand alone Beaudreau sensors. Overfill protection by flapper valve. The tanks are programmed to conduct CSLD testing. CSLD testing is not a certified monitoring method for double wall tanks. This monthly testing can be deleted from the ATG/Veeder Root panel programming if it does not interfere with the mandated UST [Truncated]
Eval Division:	Alameda County Environmental Health
Eval Program:	UST
Eval Source:	CERS

Coordinates:

Site ID:	2450
Facility Name:	AAA SAN PABLO FUEL DBA CHEVRON
Env Int Type Code:	HWG
Program ID:	10464319
Coord Name:	Not reported
Ref Point Type Desc:	Unknown
Latitude:	37.825874
Longitude:	-122.277557

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:	Document Preparer
Entity Name:	Cina Flores
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	NPH
Entity Title:	Not reported
Affiliation Address:	798 LIGHTHOUSE AVE
Affiliation City:	MONTEREY

DRAFT

AAA SAN PABLO FUEL DBA CHEVRON (Continued) **S121754316**

Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93940
Affiliation Phone:	(831) 905-5700

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	3420 San Pablo Ave
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94608
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	Cina Flores
Entity Title:	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:	ALMASI, AZITA
Entity Title:	Not reported
Affiliation Address:	965 LAUREL GLEN DR
Affiliation City:	PALO ALTO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94304
Affiliation Phone:	(650) 947-7500

Affiliation Type Desc:	Operator
Entity Name:	AAA SAN PABLO FUEL INC dba CHEVRON
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:	(650) 974-7500

Affiliation Type Desc:	Parent Corporation
Entity Name:	AAA SAN PABLO FUEL DBA CHEVRON
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:	Primary Emergency Contact
Entity Name:	AZITA ALMASI

DRAFT

AAA SAN PABLO FUEL DBA CHEVRON (Continued) **S121754316**

Entity Title:	OWNER/ OPERATOR
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 947-7500

Affiliation Type Desc:	Secondary Emergency Contact
Entity Name:	NPM
Entity Title:	REPAIR TECH
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(831) 905-5744

Affiliation Type Desc:	UST Permit Applicant
Entity Name:	Azita Almasi
Entity Title:	Owner
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(650) 947-7500

Affiliation Type Desc:	UST Property Owner Name
Entity Name:	Azita Almasi
Entity Title:	Not reported
Affiliation Address:	965 LAUREL GLEN DR
Affiliation City:	PALO ALTO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94304
Affiliation Phone:	(650) 947-7500

Affiliation Type Desc:	UST Tank Operator
Entity Name:	AAA SAN PABLO FUEL INC
Entity Title:	Not reported
Affiliation Address:	3420 SAN PABLO AVE
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94608
Affiliation Phone:	(510) 595-9396

Affiliation Type Desc:	UST Tank Owner
Entity Name:	Azita Almasi
Entity Title:	Not reported
Affiliation Address:	965 LAUREL GLEN DR
Affiliation City:	PALO ALTO
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94304
Affiliation Phone:	(650) 947-7500

DRAFT

B23 ESE < 1/8 0.067 mi. 353 ft. | **AAA SAN PABLO FUEL DBA CHEVRON** | **UST** | **U004249275**
3420 SAN PABLO AVE | **N/A**
OAKLAND, CA 94608

Site 4 of 7 in cluster B

Relative: Higher
Actual: 35 ft.

UST:

Facility ID:	Not reported
Permitting Agency:	Alameda County Environmental Health
Latitude:	37.8259
Longitude:	-122.278

ALAMEDA CO. UST:

Facility ID:	FA0321505
Facility Status:	Active
Program Element:	4103
Description:	UNDERGROUND STORAGE TANK 3 CONTAINERS
Inspection Date:	12/26/2018
Closed:	Not reported
Owner Name:	ALMASI, AZITA
Owner ID:	OW0324610
Fstatus Decode:	Open

B24 ESE < 1/8 0.067 mi. 353 ft. | **SHELL OIL CO** | **RCRA-SQG** | **1000288679**
3420 SAN PABLO AVE/35TH | **HIST UST** | **CAD981402688**
OAKLAND, CA 94608

Site 5 of 7 in cluster B

Relative: Higher
Actual: 35 ft.

RCRA-SQG:

Date form received by agency:	04/08/1998
Facility name:	SHELL OIL CO
Facility address:	3420 SAN PABLO AVE/35TH OAKLAND, CA 94608
EPA ID:	CAD981402688
Mailing address:	P O BOX 4453 HOUSTON, TX 77210-4453
Contact:	SONDRA BIENVENU
Contact address:	P O BOX 4453 HOUSTON, TX 77210-4453
Contact country:	US
Contact telephone:	713-241-2258
Contact email:	Not reported
EPA Region:	09
Land type:	Private
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	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

DRAFT

SHELL OIL CO (Continued) **1000288679**

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

Owner/operator name: EQUILON ENTERPRISES LLC
Owner/operator address: P O BOX 4453
HOUSTON, TX 77210
Owner/operator country: Not reported
Owner/operator telephone: 713-241-2258
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

. 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: D018
. Waste name: BENZENE

Historical Generators:
Date form received by agency: 09/01/1996
Site name: SHELL OIL CO
Classification: Small Quantity Generator

Date form received by agency: 02/24/1992
Site name: SHELL SVC.STA. #204-5508-5306

DRAFT

SHELL OIL CO (Continued) **1000288679**

Classification: Large Quantity Generator

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 11/22/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 02/24/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

HIST UST:
File Number: 00036355
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00036355.pdf
Region: STATE
Facility ID: 00000052586
Facility Type: Gas Station
Other Type: Not reported
Contact Name: MARCUS HASAN
Telephone: 4156535709
Owner Name: SHELL OIL COMPANY
Owner Address: 3468 MT. DIABLO BLVD. B 103
Owner City,St,Zip: LAFAYETTE, CA 94549
Total Tanks: 0004

Tank Num: 001
Container Num: 1
Year Installed: 1985
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: Sensor Instrument, Groundwater Monitoring Well

Tank Num: 002
Container Num: 2
Year Installed: 1984
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Sensor Instrument, Groundwater Monitoring Well

Tank Num: 003
Container Num: 3
Year Installed: 1985
Tank Capacity: 00000550
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: Sensor Instrument, Groundwater Monitoring Well

DRAFT

SHELL OIL CO (Continued) **1000288679**

Tank Num:	004
Container Num:	4
Year Installed:	1985
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Groundwater Monitoring Well

Click here for Geo Tracker PDF:

B25 **SHELL SERVICE STATION** **LUST** **S101580141**
ESE **3420 SAN PABLO AVE** **Alameda County CS** **N/A**
< 1/8 **OAKLAND, CA 94608** **SWEEPS UST**
0.067 mi. **CA FID UST**
353 ft. **Site 6 of 7 in cluster B** **HIST CORTESE**
CERS

Relative:
Higher

Actual:
35 ft.

LUST:

Lead Agency:	ALAMEDA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101253
Global Id:	T0600101253
Latitude:	37.8259295780339
Longitude:	-122.277815937996
Status:	Completed - Case Closed
Status Date:	05/13/2014
Case Worker:	Not reported
RB Case Number:	01-1358
Local Agency:	Not reported
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	RO0000006
Potential Media Affect:	Other Groundwater (uses other than drinking water), Soil Vapor
Potential Contaminants of Concern:	Gasoline
Site History:	In December 1984, gasoline-saturated soil was discovered beneath the pump island area. The steel USTs were replaced in January 1985. Monitoring well installation and other site characterization activities were conducted at various times from 1988 to 2006. A soil vapor extraction test was conducted in 1993. In 1997, the station was station was renovated and a new larger station building constructed. Free product was bailed from monitoring wells MW-1 through MW-7 at various times during groundwater monitoring. Groundwater monitoring has been conducted at the site since 1991. 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 13, 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:	T0600101253
Contact Type:	Regional Board Caseworker
Contact Name:	Regional Water Board
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST SUITE 1400

DRAFT

SHELL SERVICE STATION (Continued) **S101580141**

City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:

Global Id: T0600101253
Action Type: ENFORCEMENT
Date: 01/14/2014
Action: Staff Letter - #20140114

Global Id: T0600101253
Action Type: ENFORCEMENT
Date: 05/17/2011
Action: File review - #20110517

Global Id: T0600101253
Action Type: ENFORCEMENT
Date: 10/23/2013
Action: Notification - Public Notice of Case Closure - #20131023

Global Id: T0600101253
Action Type: Other
Date: 07/26/1997
Action: Leak Stopped

Global Id: T0600101253
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Staff Letter - #20090724

Global Id: T0600101253
Action Type: ENFORCEMENT
Date: 07/25/2011
Action: Staff Letter - #20110725

Global Id: T0600101253
Action Type: ENFORCEMENT
Date: 05/13/2014
Action: Closure/No Further Action Letter - #20140513

Global Id: T0600101253
Action Type: RESPONSE
Date: 09/29/2011
Action: Soil and Water Investigation Workplan

Global Id: T0600101253
Action Type: RESPONSE
Date: 03/05/2012
Action: Site Assessment Report

Global Id: T0600101253
Action Type: ENFORCEMENT
Date: 08/27/2012
Action: Staff Letter - #20120827

Global Id: T0600101253
Action Type: RESPONSE

DRAFT

SHELL SERVICE STATION (Continued) **S101580141**

Date: 03/14/2013
Action: Soil and Water Investigation Report - Regulator Responded

Global Id: T0600101253
Action Type: RESPONSE
Date: 08/30/2013
Action: Request for Closure - Regulator Responded

Global Id: T0600101253
Action Type: RESPONSE
Date: 05/13/2014
Action: Well Destruction Report - Regulator Responded

Global Id: T0600101253
Action Type: RESPONSE
Date: 07/27/2012
Action: Soil and Water Investigation Report

Global Id: T0600101253
Action Type: ENFORCEMENT
Date: 10/31/2011
Action: Staff Letter - #20111031

Global Id: T0600101253
Action Type: ENFORCEMENT
Date: 06/12/2013
Action: Staff Letter - #20130612

Global Id: T0600101253
Action Type: Other
Date: 02/15/1989
Action: Leak Reported

Global Id: T0600101253
Action Type: ENFORCEMENT
Date: 03/28/2012
Action: Meeting - #20120328

Global Id: T0600101253
Action Type: ENFORCEMENT
Date: 03/28/2012
Action: Staff Letter - #20120328

LUST:
Global Id: T0600101253
Status: Open - Case Begin Date
Status Date: 08/08/1988

Global Id: T0600101253
Status: Open - Site Assessment
Status Date: 04/10/1989

Global Id: T0600101253
Status: Open - Remediation
Status Date: 04/02/1991

Global Id: T0600101253

DRAFT

SHELL SERVICE STATION (Continued) **S101580141**

Status: Open - Assessment & Interim Remedial Action
Status Date: 08/07/1998

Global Id: T0600101253
Status: Open - Assessment & Interim Remedial Action
Status Date: 01/13/2004

Global Id: T0600101253
Status: Open - Eligible for Closure
Status Date: 06/12/2013

Global Id: T0600101253
Status: Completed - Case Closed
Status Date: 05/13/2014

LUST REG 2:
Region: 2
Facility Id: 01-1358
Facility Status: Pollution Characterization
Case Number: 381
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 4/11/1989
Pollution Characterization Began: 1/23/1990
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: RO0000006
PE: 5602
Facility Status: Case Closed
Latitude: 37.825396993
Longitude: -122.2778826

Status: Case Closed
Record Id: RO0000006
PE: 5602
Facility Status: Case Closed
Latitude: 37.825396993
Longitude: -122.2778826

SWEEPS UST:
Status: Active
Comp Number: 52586
Number: 2
Board Of Equalization: 44-000509
Referral Date: 03-04-91
Action Date: 03-04-91
Created Date: 02-29-88

DRAFT

SHELL SERVICE STATION (Continued) **S101580141**

Owner Tank Id: 5508-5363-REG1
SWRCB Tank Id: 01-000-052586-000001
Tank Status: A
Capacity: 10000
Active Date: 03-04-91
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: 4

Status: Active
Comp Number: 52586
Number: 2
Board Of Equalization: 44-000509
Referral Date: 03-04-91
Action Date: 03-04-91
Created Date: 02-29-88
Owner Tank Id: 5508-5363-SU-1
SWRCB Tank Id: 01-000-052586-000002
Tank Status: A
Capacity: 10000
Active Date: 03-04-91
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 52586
Number: 2
Board Of Equalization: 44-000509
Referral Date: 03-04-91
Action Date: 03-04-91
Created Date: 02-29-88
Owner Tank Id: 5508-5363-WO-1
SWRCB Tank Id: 01-000-052586-000003
Tank Status: A
Capacity: 550
Active Date: 03-04-91
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

Status: Active
Comp Number: 52586
Number: 2
Board Of Equalization: 44-000509
Referral Date: 03-04-91
Action Date: 03-04-91
Created Date: 02-29-88
Owner Tank Id: 4
SWRCB Tank Id: 01-000-052586-000004
Tank Status: A
Capacity: 10000
Active Date: 03-04-91
Tank Use: M.V. FUEL

DRAFT

SHELL SERVICE STATION (Continued) **S101580141**

STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 01001470
Regulated By: UTNKA
Regulated ID: 00052586
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4156535709
Mail To: Not reported
Mailing Address: P O BOX
Mailing Address 2: Not reported
Mailing City,St,Zip: OAKLAND 94608
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: 01-1358

CERS TANKS:
Site ID: 254409
CERS ID: T0600101253
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

B26 **PORTOLA VALLEY SHELL** **EDR Hist Auto** **1020169173**
ESE **3420 SAN PABLO AVE** **N/A**
< 1/8 **EMERYVILLE, CA 94608**
0.067 mi.
353 ft. **Site 7 of 7 in cluster B**

Relative: EDR Hist Auto
Higher

Actual:
35 ft.

Year:	Name:	Type:
1969	TERRYS SHELL SERVICE	Gasoline Service Stations
1971	TERRYS SHELL SERVICE	Gasoline Service Stations

DRAFT

PORTOLA VALLEY SHELL (Continued) **1020169173**

1973	BROWNS SHELL SERVICE	Gasoline Service Stations
1974	BROWNS SHELL SERVICE	Gasoline Service Stations
1975	BROWNS SHELL SERVICE	Gasoline Service Stations
1976	BROWNS SHELL SERVICE	Gasoline Service Stations
1977	BROWNS SHELL SERVICE	Gasoline Service Stations
1978	BROWNS SHELL SERVICE	Gasoline Service Stations
1979	BROWNS SHELL SERVICE	Gasoline Service Stations
1980	BROWNS SHELL SERVICE	Gasoline Service Stations
1982	BROWNS SHELL SERVICE	Gasoline Service Stations
1987	SAN PABLO AVE SHELL	Gasoline Service Stations
1988	SAN PABLO AVE SHELL	Gasoline Service Stations
1989	SAN PABLO AVE SHELL	Gasoline Service Stations
1990	SAN PABLO AVE SHELL	Gasoline Service Stations
1991	SAN PABLO AVE SHELL	Gasoline Service Stations
1992	SAN PABLO AVE SHELL	Gasoline Service Stations
1993	SAN PABLO AVE SHELL	Gasoline Service Stations
1994	SAN PABLO AVE SHELL	Gasoline Service Stations
1995	SAN PABLO AVE SHELL	Gasoline Service Stations
1996	SAN PABLO AVE SHELL	Gasoline Service Stations
1997	SANH MARTIN	Gasoline Service Stations
2002	SANPBLO SHELL	Gasoline Service Stations
2003	DANVILLE PETROLEUM INC	Gasoline Service Stations
2004	DANVILLE PETROLEUM INC	Gasoline Service Stations
2005	DANVILLE PETROLEUM INC	Gasoline Service Stations
2006	DANVILLE PETROLEUM INC	Gasoline Service Stations
2007	DANVILLE PETROLEUM INC	Gasoline Service Stations
2008	DANVILLE PETROLEUM INC	Gasoline Service Stations
2009	DANVILLE PETROLEUM INC	Gasoline Service Stations
2010	PORTOLA VALLEY SHELL	Gasoline Service Stations
2010	DANVILLE PETROLEUM INC	Gasoline Service Stations
2011	DANVILLE PETROLEUM INC	Gasoline Service Stations
2011	PORTOLA VALLEY SHELL	Gasoline Service Stations
2012	DANVILLE PETROLEUM INC	Gasoline Service Stations
2012	PORTOLA VALLEY SHELL	Gasoline Service Stations
2013	PORTOLA VALLEY SHELL	Gasoline Service Stations
2013	DANVILLE PETROLEUM INC	Gasoline Service Stations
2014	PORTOLA VALLEY SHELL	Gasoline Service Stations, NEC
2014	DANVILLE PETROLEUM INC	Gasoline Service Stations, NEC

E27 **FRYER INDUSTRIES, INC.** **RCRA-SQG** **1000210695**
SSE **1073 34TH STREET** **FINDS** **CAD981453475**
< 1/8 **OAKLAND, CA 94608** **ECHO**
0.068 mi. **EMI**
358 ft. **Site 1 of 4 in cluster E** **HAZNET**

Relative:
Lower

Actual:
31 ft.

RCRA-SQG:

Date form received by agency:	03/12/1986
Facility name:	FRYER INDUSTRIES, INC.
Facility address:	1073 34TH STREET OAKLAND, CA 94608
EPA ID:	CAD981453475
Contact:	ENVIRONMENTAL MANAGER
Contact address:	1073 THIRTY FOURTH STREET OAKLAND, CA 94608
Contact country:	US
Contact telephone:	415-654-6256
Contact email:	Not reported
EPA Region:	09

DRAFT

FRYER INDUSTRIES, INC. (Continued) **1000210695**

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: FRYER INDUSTRIES, 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
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

FINDS:

Registry ID: 110009537117

DRAFT

FRYER INDUSTRIES, INC. (Continued) **1000210695**

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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

DRAFT

ECHO:

Envid:	1000210695
Registry ID:	110009537117
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110009537117

EMI:

Year:	1990
County Code:	1
Air Basin:	SF
Facility ID:	5229
Air District Name:	BA
SIC Code:	3471
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
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

HAZNET:

envid:	1000210695
Year:	2007
GEPAID:	CAD981453475
Contact:	N.T. LUCY DO / PRESIDENT
Telephone:	5106546256
Mailing Name:	Not reported
Mailing Address:	1073-34TH ST
Mailing City,St,Zip:	OAKLAND, CA 946084213
Gen County:	Not reported
TSD EPA ID:	CAD097030993
TSD County:	Not reported
Waste Category:	Liquids with pH <= 2 with metals
Disposal Method:	Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Tons:	0.22

FRYER INDUSTRIES, INC. (Continued) **1000210695**

Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

envid: 1000210695
Year: 2005
GEPAID: CAD981453475
Contact: SANDRA K FRYER PRESIDENT
Telephone: 5106546256
Mailing Name: Not reported
Mailing Address: 1073-34TH ST
Mailing City,St,Zip: OAKLAND, CA 946084213
Gen County: Not reported
TSD EPA ID: CAD097030993
TSD County: Not reported
Waste Category: Liquids with pH <= 2 with metals
Disposal Method: Recycler
Tons: 0.22
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

envid: 1000210695
Year: 2005
GEPAID: CAD981453475
Contact: SANDRA K FRYER PRESIDENT
Telephone: 5106546256
Mailing Name: Not reported
Mailing Address: 1073-34TH ST
Mailing City,St,Zip: OAKLAND, CA 946084213
Gen County: Not reported
TSD EPA ID: CAT080033681
TSD County: Not reported
Waste Category: Other inorganic solid waste
Disposal Method: Recycler
Tons: 0.35
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

envid: 1000210695
Year: 2005
GEPAID: CAD981453475
Contact: SANDRA K FRYER PRESIDENT
Telephone: 5106546256
Mailing Name: Not reported
Mailing Address: 1073-34TH ST
Mailing City,St,Zip: OAKLAND, CA 946084213
Gen County: Not reported
TSD EPA ID: CAD097030993
TSD County: Not reported
Waste Category: Unspecified sludge waste
Disposal Method: Recycler
Tons: 0.12
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

DRAFT

FRYER INDUSTRIES, INC. (Continued) **1000210695**

envid:	1000210695
Year:	2004
GEPAID:	CAD981453475
Contact:	SANDRA K FRYER PRESIDENT
Telephone:	5106546256
Mailing Name:	Not reported
Mailing Address:	1073-34TH ST
Mailing City,St,Zip:	OAKLAND, CA 946084213
Gen County:	Not reported
TSD EPA ID:	CAD097030993
TSD County:	Not reported
Waste Category:	Liquids with pH <= 2 with metals
Disposal Method:	Recycler
Tons:	0.22
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Alameda

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

E28 **DOUGCO** **HIST UST** **U001599267**
SSE **1073 34TH STREET** **N/A**
< 1/8 **OAKLAND, CA 94608**
0.068 mi.
358 ft. **Site 2 of 4 in cluster E**

Relative:
Lower

Actual:
31 ft.

HIST UST:

File Number:	00035F20
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00035F20.pdf
Region:	STATE
Facility ID:	00000032992
Facility Type:	Other
Other Type:	FARM RANCH
Contact Name:	PAUL A. DOUGLASS
Telephone:	4156546256
Owner Name:	DOUGLASS, PAUL A.
Owner Address:	3366 INDIAN PEAK ROAD
Owner City,St,Zip:	RAYMOND, CA 93653
Total Tanks:	0001
Tank Num:	001
Container Num:	3
Year Installed:	1975
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Visual

Click here for Geo Tracker PDF:

DRAFT

E29 SSE < 1/8 0.068 mi. 358 ft. | **DOUG CO METAL FINISHING**
1073 34TH ST
OAKLAND, CA 94608
Site 3 of 4 in cluster E | **ENVIROSTOR**
LUST
Alameda County CS
HIST CORTESE
CERS | **S102428923**
N/A

Relative: Lower

Actual: 31 ft.

ENVIROSTOR:

Facility ID:	71002861
Status:	Inactive - Needs Evaluation
Status Date:	Not reported
Site Code:	Not reported
Site Type:	Tiered Permit
Site Type Detailed:	Tiered Permit
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Not reported
Division Branch:	Cleanup Berkeley
Assembly:	15
Senate:	09
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	37.82507
Longitude:	-122.2787
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CAD981453475
Alias Type:	EPA Identification Number
Alias Name:	110009537117
Alias Type:	EPA (FRS #)
Alias Name:	71002861
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:	11/20/1996
Comments:	Phase 1 checklist indicates no further action. This information has not been verified by DTSC.
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

LUST:

DRAFT

DOUG CO METAL FINISHING (Continued) **S102428923**

Lead Agency:	ALAMEDA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100788
Global Id:	T0600100788
Latitude:	37.8251037
Longitude:	-122.2787183
Status:	Completed - Case Closed
Status Date:	06/14/2001
Case Worker:	Not reported
RB Case Number:	01-0854
Local Agency:	Not reported
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	RO0000214
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0600100788
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:	T0600100788
Action Type:	Other
Date:	12/07/1989
Action:	Leak Reported
Global Id:	T0600100788
Action Type:	REMEDIATION
Date:	09/09/9999
Action:	Excavation

LUST:

Global Id:	T0600100788
Status:	Open - Case Begin Date
Status Date:	12/07/1989
Global Id:	T0600100788
Status:	Completed - Case Closed
Status Date:	06/14/2001

LUST REG 2:

Region:	2
Facility Id:	01-0854
Facility Status:	Preliminary site assessment underway
Case Number:	327
How Discovered:	Tank Closure
Leak Cause:	UNK
Leak Source:	UNK

DRAFT

DOUG CO METAL FINISHING (Continued) **S102428923**

Date Leak Confirmed: 2/17/1993
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: Case Closed
Record Id: RO0000214
PE: 5602
Facility Status: Case Closed
Latitude: 37.825043297
Longitude: -122.27900178

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-0854

CERS TANKS:
Site ID: 192028
CERS ID: T0600100788
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

D30 **BEST CLEANING & DYEING WORKS** **EDR Hist Cleaner** **1009142504**
NNE **3621 SAN PABLO AVE** **N/A**
< 1/8 **OAKLAND, CA**
0.068 mi.
358 ft. **Site 8 of 10 in cluster D**

Relative: EDR Hist Cleaner
Higher

Actual: Year: Name: Type:
36 ft. 1925 BEST CLEANING & DYEING WORKS CLEANERS DYERS AND PRESSERS

DRAFT

C31 SSW < 1/8 0.077 mi. 408 ft. | **DOUGCO 1073 034TH ST OAKLAND, CA 94608** | **SWEEPS UST CA FID UST** | **S101624421 N/A**

Site 2 of 3 in cluster C

Relative: Lower

Actual: 27 ft.

SWEEPS UST:

Status:	Not reported
Comp Number:	32992
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:	01-000-032992-000001
Tank Status:	Not reported
Capacity:	1000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	1

CA FID UST:

Facility ID:	01002170
Regulated By:	UTNKI
Regulated ID:	00032992
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4156546256
Mail To:	Not reported
Mailing Address:	1073 034TH ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	OAKLAND 94608
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

F32 West < 1/8 0.078 mi. 413 ft. | **WILLIAM D WHITE CO, INC 3427 MAGNOLIA ST OAKLAND, CA 94608** | **RCRA-SQG FINDS ECHO** | **1000284194 CAD009128885**

Site 1 of 5 in cluster F

Relative: Lower

Actual: 27 ft.

RCRA-SQG:

Date form received by agency:	04/08/1986
Facility name:	WILLIAM D WHITE CO, INC
Facility address:	3427 MAGNOLIA ST OAKLAND, CA 94608
EPA ID:	CAD009128885
Contact:	ENVIRONMENTAL MANAGER
Contact address:	3427 MAGNOLIA ST OAKLAND, CA 94608
Contact country:	US

DRAFT

WILLIAM D WHITE CO, INC (Continued) **1000284194**

Contact telephone: 415-658-8167
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: WILLIAM D WHITE
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

DRAFT

WILLIAM D WHITE CO, INC (Continued) **1000284194**

FINDS:

Registry ID: 110001194779

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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

ECHO:
Envid: 1000284194
Registry ID: 110001194779
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110001194779

F33 **CITY OF MORGAN HILL CORP** **HIST CORTESE** **S105025302**
West **3427 MAGNOLIA** **N/A**
< 1/8 **OAKLAND, CA 94608**
0.078 mi.
413 ft. **Site 2 of 5 in cluster F**

Relative:
Lower

Actual:
27 ft.

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 2827

C34 **DERICKSON C C** **EDR Hist Auto** **1009012621**
SW **3342 ADELINE ST** **N/A**
< 1/8 **OAKLAND, CA**
0.081 mi.
428 ft. **Site 3 of 3 in cluster C**

Relative:
Lower

Actual:
27 ft.

EDR Hist Auto

Year:	Name:	Type:
1928	DERICKSON C C	AUTOMOBILE REPAIRING AND SERVICE STATIONS

DRAFT

G35 ESE < 1/8 0.082 mi. 433 ft. | **THRIFTY OIL STN.#049**
3400 SAN PABLO AVE
OAKLAND, CA 94608

Site 1 of 7 in cluster G

HIST UST | **U001599316**
N/A

Relative: Higher

Actual: 35 ft.

HIST UST:

File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000004715
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	2139239876
Owner Name:	THRIFTY OIL CO.
Owner Address:	10000 LAKEWOOD BLVD.
Owner City,St,Zip:	DOWNEY, CA 90240
Total Tanks:	0004
Tank Num:	001
Container Num:	049-1
Year Installed:	Not reported
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	049-2
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	049-3
Year Installed:	1979
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor
Tank Num:	004
Container Num:	049-6
Year Installed:	Not reported
Tank Capacity:	00006000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor

DRAFT

G36 ESE < 1/8 0.082 mi. 433 ft. | **THRIFTY OIL STN 049**
3400 SAN PABLO AVENUE
OAKLAND, CA 94608

Site 2 of 7 in cluster G

HIST UST | **S101580168**
CA FID UST | **N/A**

Relative: Higher

Actual: 35 ft.

HIST UST:

File Number:	000363EE
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000363EE.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:	01001597
Regulated By:	UTNKA
Regulated ID:	00004715
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2139239876
Mail To:	Not reported
Mailing Address:	10000 LAKEWOOD BLVD
Mailing Address 2:	Not reported
Mailing City,St,Zip:	OAKLAND 94608
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

DRAFT

G37 ESE < 1/8 0.082 mi. 433 ft. | **THRIFTY OIL #49**
3400 SAN PABLO AVE
OAKLAND, CA 94608
Site 3 of 7 in cluster G | **LUST**
Alameda County CS
SWEEPS UST
HIST CORTESE
CERS | **S103950804**
N/A

Relative: Higher
Actual: 35 ft.

LUST:

Lead Agency:	ALAMEDA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101365
Global Id:	T0600101365
Latitude:	37.825787
Longitude:	-122.277468
Status:	Completed - Case Closed
Status Date:	04/15/2014
Case Worker:	Not reported
RB Case Number:	01-1478
Local Agency:	Not reported
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	RO0000004
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	The site is an active service station at the northeast corner of the intersection of San Pablo Avenue and 34th Street in Oakland, CA. Site assessment, cleanup, and groundwater monitoring were conducted at the site between 1986 and 2013. 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 April 15, 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:	T0600101365
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:	T0600101365
Action Type:	ENFORCEMENT
Date:	07/24/2009
Action:	Staff Letter - #20090724
Global Id:	T0600101365
Action Type:	ENFORCEMENT
Date:	05/18/2007
Action:	* Historical Enforcement - #20071805
Global Id:	T0600101365
Action Type:	RESPONSE
Date:	10/25/2010

DRAFT

THRIFTY OIL #49 (Continued) **S103950804**

Action: Other Workplan

Global Id: T0600101365
Action Type: ENFORCEMENT
Date: 04/15/2014
Action: Closure/No Further Action Letter - #20140415

Global Id: T0600101365
Action Type: ENFORCEMENT
Date: 03/31/2011
Action: Staff Letter - #20110331

Global Id: T0600101365
Action Type: ENFORCEMENT
Date: 01/31/2008
Action: Staff Letter

Global Id: T0600101365
Action Type: ENFORCEMENT
Date: 11/06/2007
Action: Staff Letter

Global Id: T0600101365
Action Type: ENFORCEMENT
Date: 05/18/2007
Action: Staff Letter

Global Id: T0600101365
Action Type: ENFORCEMENT
Date: 07/29/2008
Action: Staff Letter - #07/29/2008

Global Id: T0600101365
Action Type: ENFORCEMENT
Date: 04/15/2014
Action: Closure/No Further Action Letter - #20140415

Global Id: T0600101365
Action Type: RESPONSE
Date: 12/01/2010
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0600101365
Action Type: RESPONSE
Date: 10/11/2000
Action: Monitoring Report - Quarterly

Global Id: T0600101365
Action Type: RESPONSE
Date: 07/19/2001
Action: Monitoring Report - Quarterly

Global Id: T0600101365
Action Type: RESPONSE
Date: 01/24/2000
Action: Monitoring Report - Quarterly

DRAFT

THRIFTY OIL #49 (Continued) **S103950804**

Global Id: T0600101365
Action Type: RESPONSE
Date: 04/05/2001
Action: Monitoring Report - Quarterly

Global Id: T0600101365
Action Type: RESPONSE
Date: 04/19/2002
Action: Monitoring Report - Quarterly

Global Id: T0600101365
Action Type: RESPONSE
Date: 07/18/2002
Action: Monitoring Report - Quarterly

Global Id: T0600101365
Action Type: RESPONSE
Date: 01/24/2002
Action: Monitoring Report - Quarterly

Global Id: T0600101365
Action Type: RESPONSE
Date: 10/30/2002
Action: Monitoring Report - Quarterly

Global Id: T0600101365
Action Type: RESPONSE
Date: 03/28/2003
Action: Monitoring Report - Quarterly

Global Id: T0600101365
Action Type: RESPONSE
Date: 09/18/2003
Action: Monitoring Report - Quarterly

Global Id: T0600101365
Action Type: RESPONSE
Date: 04/14/2004
Action: Monitoring Report - Quarterly

Global Id: T0600101365
Action Type: RESPONSE
Date: 03/28/2003
Action: Monitoring Report - Quarterly

Global Id: T0600101365
Action Type: RESPONSE
Date: 07/23/2003
Action: Monitoring Report - Quarterly

Global Id: T0600101365
Action Type: RESPONSE
Date: 03/31/2005
Action: Monitoring Report - Quarterly

Global Id: T0600101365
Action Type: RESPONSE

DRAFT

THRIFTY OIL #49 (Continued) **S103950804**

Date: 03/19/1994
Action: Monitoring Report - Quarterly

Global Id: T0600101365
Action Type: ENFORCEMENT
Date: 11/20/2013
Action: Staff Letter - #20131120

Global Id: T0600101365
Action Type: ENFORCEMENT
Date: 03/05/2013
Action: Staff Letter - #20130305

Global Id: T0600101365
Action Type: RESPONSE
Date: 04/05/2000
Action: Monitoring Report - Quarterly

Global Id: T0600101365
Action Type: RESPONSE
Date: 07/25/2000
Action: Monitoring Report - Quarterly

Global Id: T0600101365
Action Type: RESPONSE
Date: 01/17/2001
Action: Monitoring Report - Quarterly

Global Id: T0600101365
Action Type: RESPONSE
Date: 01/19/2005
Action: Monitoring Report - Quarterly

Global Id: T0600101365
Action Type: RESPONSE
Date: 12/29/2003
Action: Monitoring Report - Quarterly

Global Id: T0600101365
Action Type: RESPONSE
Date: 10/26/2001
Action: Monitoring Report - Quarterly

Global Id: T0600101365
Action Type: RESPONSE
Date: 07/27/2004
Action: Monitoring Report - Quarterly

Global Id: T0600101365
Action Type: RESPONSE
Date: 10/25/2004
Action: Monitoring Report - Quarterly

Global Id: T0600101365
Action Type: RESPONSE
Date: 06/28/2013
Action: Monitoring Report - Quarterly

DRAFT

THRIFTY OIL #49 (Continued) **S103950804**

Global Id: T0600101365
Action Type: REMEDIATION
Date: 03/23/1998
Action: Excavation

Global Id: T0600101365
Action Type: RESPONSE
Date: 09/10/2013
Action: Correspondence

Global Id: T0600101365
Action Type: RESPONSE
Date: 05/22/2013
Action: Other Report / Document

Global Id: T0600101365
Action Type: RESPONSE
Date: 04/01/2013
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0600101365
Action Type: RESPONSE
Date: 01/12/2011
Action: Soil and Water Investigation Report - Regulator Responded

Global Id: T0600101365
Action Type: RESPONSE
Date: 05/21/2014
Action: Well Destruction Report

Global Id: T0600101365
Action Type: RESPONSE
Date: 06/28/2013
Action: Other Workplan - Regulator Responded

Global Id: T0600101365
Action Type: RESPONSE
Date: 01/09/2013
Action: Request for Closure - Regulator Responded

Global Id: T0600101365
Action Type: RESPONSE
Date: 10/31/2013
Action: Monitoring Report - Quarterly - Regulator Responded

Global Id: T0600101365
Action Type: RESPONSE
Date: 11/05/2013
Action: Request for Closure - Regulator Responded

Global Id: T0600101365
Action Type: ENFORCEMENT
Date: 11/16/2009
Action: File review

Global Id: T0600101365
Action Type: RESPONSE

DRAFT

THRIFTY OIL #49 (Continued) **S103950804**

Date: 11/30/2011
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0600101365
Action Type: ENFORCEMENT
Date: 12/03/2013
Action: Staff Letter - #20131203

Global Id: T0600101365
Action Type: ENFORCEMENT
Date: 01/31/2008
Action: Staff Letter

Global Id: T0600101365
Action Type: ENFORCEMENT
Date: 08/26/2010
Action: Staff Letter - #20100826

Global Id: T0600101365
Action Type: ENFORCEMENT
Date: 10/14/2010
Action: Staff Letter - #20101014

Global Id: T0600101365
Action Type: ENFORCEMENT
Date: 12/03/2013
Action: Notification - Public Notice of Case Closure - #20131203

Global Id: T0600101365
Action Type: ENFORCEMENT
Date: 08/07/2007
Action: Staff Letter

Global Id: T0600101365
Action Type: ENFORCEMENT
Date: 07/12/1989
Action: Staff Letter

Global Id: T0600101365
Action Type: ENFORCEMENT
Date: 02/10/2014
Action: Staff Letter - #20140210

Global Id: T0600101365
Action Type: RESPONSE
Date: 06/15/2007
Action: Soil and Water Investigation Workplan

Global Id: T0600101365
Action Type: Other
Date: 10/02/1986
Action: Leak Reported

Global Id: T0600101365
Action Type: RESPONSE
Date: 12/04/1986
Action: Soil and Water Investigation Report

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THRIFTY OIL #49 (Continued) **S103950804**

Global Id: T0600101365
Action Type: RESPONSE
Date: 09/30/1987
Action: Soil and Water Investigation Report

Global Id: T0600101365
Action Type: RESPONSE
Date: 08/18/1986
Action: Soil and Water Investigation Report

Global Id: T0600101365
Action Type: RESPONSE
Date: 09/22/2008
Action: CAP/RAP - Feasibility Study Report

Global Id: T0600101365
Action Type: RESPONSE
Date: 05/07/2004
Action: Soil and Water Investigation Workplan

Global Id: T0600101365
Action Type: RESPONSE
Date: 08/21/2007
Action: Correspondence

Global Id: T0600101365
Action Type: RESPONSE
Date: 12/22/1997
Action: Soil and Water Investigation Report

Global Id: T0600101365
Action Type: RESPONSE
Date: 12/09/2002
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0600101365
Action Type: RESPONSE
Date: 09/30/1986
Action: Correspondence

Global Id: T0600101365
Action Type: RESPONSE
Date: 06/09/1994
Action: Soil and Water Investigation Workplan

Global Id: T0600101365
Action Type: RESPONSE
Date: 07/18/2007
Action: Soil and Water Investigation Workplan

Global Id: T0600101365
Action Type: RESPONSE
Date: 11/07/1986
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0600101365
Action Type: RESPONSE

DRAFT

THRIFTY OIL #49 (Continued) **S103950804**

Date: 08/18/1986
Action: Soil and Water Investigation Report

Global Id: T0600101365
Action Type: RESPONSE
Date: 10/30/1986
Action: Soil and Water Investigation Report

Global Id: T0600101365
Action Type: ENFORCEMENT
Date: 04/22/2013
Action: Staff Letter - #20130422

Global Id: T0600101365
Action Type: ENFORCEMENT
Date: 09/23/2013
Action: Staff Letter - #20130923

Global Id: T0600101365
Action Type: RESPONSE
Date: 04/04/1989
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0600101365
Action Type: RESPONSE
Date: 04/04/1989
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0600101365
Action Type: RESPONSE
Date: 04/30/2004
Action: Soil and Water Investigation Workplan

Global Id: T0600101365
Action Type: RESPONSE
Date: 10/29/2010
Action: Soil and Water Investigation Workplan - Addendum

Global Id: T0600101365
Action Type: RESPONSE
Date: 02/13/1987
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0600101365
Action Type: RESPONSE
Date: 12/09/2002
Action: Soil and Water Investigation Workplan

Global Id: T0600101365
Action Type: RESPONSE
Date: 03/11/2004
Action: Soil and Water Investigation Report

Global Id: T0600101365
Action Type: RESPONSE
Date: 04/30/2004
Action: Soil and Water Investigation Workplan

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THRIFTY OIL #49 (Continued) **S103950804**

Global Id: T0600101365
Action Type: RESPONSE
Date: 12/08/1989
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0600101365
Action Type: RESPONSE
Date: 10/21/2003
Action: Sensitive Receptor Survey Report

Global Id: T0600101365
Action Type: RESPONSE
Date: 12/16/1986
Action: Soil and Water Investigation Report

Global Id: T0600101365
Action Type: RESPONSE
Date: 04/16/2009
Action: Other Report / Document

Global Id: T0600101365
Action Type: RESPONSE
Date: 01/11/2011
Action: Soil and Water Investigation Report

Global Id: T0600101365
Action Type: RESPONSE
Date: 08/24/1998
Action: Tank Removal Report / UST Sampling Report

Global Id: T0600101365
Action Type: RESPONSE
Date: 02/28/2003
Action: Soil and Water Investigation Workplan - Addendum

LUST:
Global Id: T0600101365
Status: Open - Case Begin Date
Status Date: 10/02/1986

Global Id: T0600101365
Status: Open - Remediation
Status Date: 01/02/1987

Global Id: T0600101365
Status: Open - Assessment & Interim Remedial Action
Status Date: 09/22/2008

Global Id: T0600101365
Status: Open - Site Assessment
Status Date: 04/22/2013

Global Id: T0600101365
Status: Open - Eligible for Closure
Status Date: 08/05/2013

Global Id: T0600101365

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THRIFTY OIL #49 (Continued) **S103950804**

Status: Open - Verification Monitoring
Status Date: 08/05/2013

Global Id: T0600101365
Status: Open - Eligible for Closure
Status Date: 12/03/2013

Global Id: T0600101365
Status: Completed - Case Closed
Status Date: 04/15/2014

LUST REG 2:
Region: 2
Facility Id: 01-1478
Facility Status: Pollution Characterization
Case Number: 4057
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: 11/30/1986
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: RO0000004
PE: 5602
Facility Status: Case Closed
Latitude: 37.825292213
Longitude: -122.27785007

Status: Case Closed
Record Id: RO0000004
PE: 5602
Facility Status: Case Closed
Latitude: 37.825292213
Longitude: -122.27785007

SWEEPS UST:
Status: Active
Comp Number: 4715
Number: 1
Board Of Equalization: 44-026503
Referral Date: 05-16-91
Action Date: 12-15-93
Created Date: 02-29-88
Owner Tank Id: 049101
SWRCB Tank Id: 01-000-004715-000001
Tank Status: A
Capacity: 8000

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THRIFTY OIL #49 (Continued) **S103950804**

Active Date: 02-08-93
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 4

Status: Active
Comp Number: 4715
Number: 1
Board Of Equalization: 44-026503
Referral Date: 05-16-91
Action Date: 12-15-93
Created Date: 02-29-88
Owner Tank Id: 049102
SWRCB Tank Id: 01-000-004715-000002
Tank Status: A
Capacity: 7000
Active Date: 02-08-93
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 4715
Number: 1
Board Of Equalization: 44-026503
Referral Date: 05-16-91
Action Date: 12-15-93
Created Date: 02-29-88
Owner Tank Id: 049203
SWRCB Tank Id: 01-000-004715-000003
Tank Status: A
Capacity: 10000
Active Date: 02-08-93
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 4715
Number: 1
Board Of Equalization: 44-026503
Referral Date: 05-16-91
Action Date: 12-15-93
Created Date: 02-29-88
Owner Tank Id: 049304
SWRCB Tank Id: 01-000-004715-000004
Tank Status: A
Capacity: 12000
Active Date: 02-08-93
Tank Use: M.V. FUEL
STG: P
Content: PRM UNLEADED
Number Of Tanks: Not reported

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THRIFTY OIL #49 (Continued) **S103950804**

HIST CORTESE:

Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-1478

CERS TANKS:

Site ID:	188319
CERS ID:	T0600101365
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

G38 **ARCO FACILITY #9535** **UST** **U003982247**
ESE **3400 SAN PABLO AVE** **N/A**
< 1/8 **EMERYVILLE, CA 94608**
0.082 mi.
433 ft. **Site 4 of 7 in cluster G**

Relative:
Higher

Actual:
35 ft.

UST:

Facility ID:	109
Permitting Agency:	OAKLAND, CITY OF
Latitude:	37.8268129
Longitude:	-122.276342

G39 **SAN PABLO ARCO** **EDR Hist Auto** **1021214755**
ESE **3400 SAN PABLO AVE** **N/A**
< 1/8 **OAKLAND, CA 94608**
0.082 mi.
433 ft. **Site 5 of 7 in cluster G**

Relative:
Higher

Actual:
35 ft.

EDR Hist Auto

Year:	Name:	Type:
1969	CRAFTS C E GULF SERVICE	Gasoline Service Stations
2007	SAN PABLO ARCO	Gasoline Service Stations
2008	SAN PABLO ARCO	Gasoline Service Stations
2009	SAN PABLO ARCO	Gasoline Service Stations

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D40 North < 1/8 0.085 mi. 451 ft. | **OWENS MORTGAGE INVESTMENT FUND** | **LUST** | **U003300667** **N/A**
3623 ADELINE ST
EMERYVILLE, CA 94608

Site 9 of 10 in cluster D

Relative: Higher
Actual: 34 ft.

LUST REG 2:

Region:	2
Facility Id:	01-2120
Facility Status:	Case Closed
Case Number:	5305
How Discovered:	Tank Closure
Leak Cause:	UNK
Leak Source:	UNK
Date Leak Confirmed:	10/6/1995
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

D41 North < 1/8 0.085 mi. 451 ft. | **AMBASSADOR LAUNDRY** | **LUST** | **S104566931** **N/A**
3623 ADELINE STREET | **Alameda County CS**
EMERYVILLE, CA 94608 | **HIST CORTESE**
CERS

Site 10 of 10 in cluster D

Relative: Higher
Actual: 34 ft.

LUST:

Lead Agency:	ALAMEDA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101946
Global Id:	T0600101946
Latitude:	37.8276629867032
Longitude:	-122.279769777945
Status:	Completed - Case Closed
Status Date:	02/13/1997
Case Worker:	Not reported
RB Case Number:	01-2120
Local Agency:	Not reported
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	RO0000879
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

LUST:

Global Id:	T0600101946
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:	T0600101946
Action Type:	Other

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AMBASSADOR LAUNDRY (Continued) **S104566931**

Date: 09/05/1995
Action: Leak Reported

Global Id: T0600101946
Action Type: REMEDIATION
Date: 08/31/1995
Action: Excavation

LUST:
Global Id: T0600101946
Status: Open - Case Begin Date
Status Date: 08/31/1995

Global Id: T0600101946
Status: Completed - Case Closed
Status Date: 02/13/1997

Lead Agency: ALAMEDA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0619717287
Global Id: T0619717287
Latitude: 37.8277197874326
Longitude: -122.280299663543
Status: Completed - Case Closed
Status Date: 07/02/2014
Case Worker: MD
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: RO0002973
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Lead, Diesel, Gasoline, Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not all historic documents for the fuel leak 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. An 8,000-gallon gasoline UST was removed from the eastern edge of the parcel in November 1994; is reported to have stored gasoline, and closure sampling is reported to have found no detectable concentrations; data to confirm this is not available. A 2,500-gallon UST, installed between 1906 and 1912, and presumed to be a fuel oil or kerosene UST, was removed in August 1995. Residual fuel oil was removed during the UST removal, and 54 tons of soil was excavated afterwards. Six soil bores (B-1 to B-6) and a six-inch diameter well MW-1 / EW-1 were installed in November 1995. In September 1999 three soil bores (SB-1 to SB-3) were installed near a recently discovered sump containing oily sludge near the eastern property line. In May 2003, 10 Geoprobe bores (B-1 to B-10) were installed across the site. In August 2005 a sump on the western portion of the site was discovered and removed during site demolition. A third UST was discovered at the time of sump removal; however, was left in-place. In October 2007 the third UST was removed from the site after a Geophysical survey had been conducted and relocated the UST and also found remaining product piping. The UST appears to have held diesel and was buried at a depth of 9 feet. In December 2007 10 soil bores (KB-1 to KB-10) were installed at the site. Six vapor points (SV-1 to SV-6) were also

DRAFT

AMBASSADOR LAUNDRY (Continued) **S104566931**

installed. In February 2009 seven CPT bores were advanced in order to help characterize the subsurface and to determine appropriate screening intervals for five monitoring wells, installed shortly after and immediately adjacent to the CPT bore locations. One round of groundwater sampling was conducted in April 2009.

LUST:

Global Id:	T0619717287
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:	T0619717287
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:	T0619717287
Action Type:	ENFORCEMENT
Date:	07/24/2009
Action:	Staff Letter - #20090724

Global Id:	T0619717287
Action Type:	ENFORCEMENT
Date:	06/06/2008
Action:	Notice of Responsibility - #20080606

Global Id:	T0619717287
Action Type:	RESPONSE
Date:	12/07/2012
Action:	Electronic Reporting Submittal Due

Global Id:	T0619717287
Action Type:	RESPONSE
Date:	01/07/2013
Action:	Soil and Water Investigation Report

Global Id:	T0619717287
Action Type:	ENFORCEMENT
Date:	06/21/2012
Action:	Staff Letter - #20120621

Global Id:	T0619717287
Action Type:	ENFORCEMENT
Date:	03/17/2014
Action:	Notification - Public Participation Document - #2014/03/17

Global Id:	T0619717287

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AMBASSADOR LAUNDRY (Continued) **S104566931**

Action Type: RESPONSE
Date: 06/30/2012
Action: Final Remedial Action Report / Corrective Action Report

Global Id: T0619717287
Action Type: Other
Date: 11/03/2005
Action: Leak Stopped

Global Id: T0619717287
Action Type: RESPONSE
Date: 12/21/2012
Action: Remedial Progress Report

Global Id: T0619717287
Action Type: ENFORCEMENT
Date: 01/09/2009
Action: Staff Letter - #20090109

Global Id: T0619717287
Action Type: ENFORCEMENT
Date: 05/16/2012
Action: Staff Letter - #20120516

Global Id: T0619717287
Action Type: REMEDIATION
Date: 11/02/2005
Action: Excavation

Global Id: T0619717287
Action Type: ENFORCEMENT
Date: 03/18/2014
Action: Staff Letter - #20140318

Global Id: T0619717287
Action Type: ENFORCEMENT
Date: 07/02/2014
Action: Closure/No Further Action Letter - #20140702

Global Id: T0619717287
Action Type: ENFORCEMENT
Date: 08/01/2014
Action: Technical Correspondence / Assistance / Other - #08/01/2014

Global Id: T0619717287
Action Type: RESPONSE
Date: 02/28/2011
Action: Corrective Action Plan / Remedial Action Plan - Addendum

Global Id: T0619717287
Action Type: RESPONSE
Date: 07/19/2013
Action: Well Destruction Report

Global Id: T0619717287
Action Type: ENFORCEMENT
Date: 11/16/2012

DRAFT

AMBASSADOR LAUNDRY (Continued) **S104566931**

Action: Notice to Comply - #20121116

Global Id: T0619717287
Action Type: ENFORCEMENT
Date: 02/07/2014
Action: Staff Letter - #20140207

Global Id: T0619717287
Action Type: Other
Date: 01/29/1996
Action: Leak Discovery

Global Id: T0619717287
Action Type: RESPONSE
Date: 08/09/2013
Action: Correspondence

Global Id: T0619717287
Action Type: RESPONSE
Date: 04/18/2014
Action: Correspondence

Global Id: T0619717287
Action Type: RESPONSE
Date: 04/18/2014
Action: Correspondence

Global Id: T0619717287
Action Type: RESPONSE
Date: 02/04/2013
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0619717287
Action Type: RESPONSE
Date: 08/09/2013
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0619717287
Action Type: RESPONSE
Date: 11/30/2012
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0619717287
Action Type: RESPONSE
Date: 02/21/2014
Action: Conceptual Site Model - Regulator Responded

Global Id: T0619717287
Action Type: ENFORCEMENT
Date: 05/30/2012
Action: Staff Letter - #20120530

Global Id: T0619717287
Action Type: ENFORCEMENT
Date: 03/26/2014
Action: Notice of Responsibility - #20140326

DRAFT

AMBASSADOR LAUNDRY (Continued) **S104566931**

Global Id: T0619717287
Action Type: RESPONSE
Date: 03/31/2014
Action: Correspondence - Regulator Responded

Global Id: T0619717287
Action Type: ENFORCEMENT
Date: 01/28/2011
Action: Staff Letter

Global Id: T0619717287
Action Type: ENFORCEMENT
Date: 01/28/2011
Action: Staff Letter

Global Id: T0619717287
Action Type: ENFORCEMENT
Date: 05/16/2008
Action: * Historical Enforcement - #20080516

Global Id: T0619717287
Action Type: RESPONSE
Date: 08/03/2012
Action: Electronic Reporting Submittal Due

Global Id: T0619717287
Action Type: ENFORCEMENT
Date: 06/18/2013
Action: Staff Letter - #20130618

Global Id: T0619717287
Action Type: ENFORCEMENT
Date: 03/17/2014
Action: Staff Letter - #20140317

Global Id: T0619717287
Action Type: RESPONSE
Date: 08/17/2012
Action: Tank Removal Report / UST Sampling Report

Global Id: T0619717287
Action Type: RESPONSE
Date: 06/29/2012
Action: Soil and Water Investigation Workplan

Global Id: T0619717287
Action Type: ENFORCEMENT
Date: 07/08/2008
Action: Staff Letter - #20080707

Global Id: T0619717287
Action Type: ENFORCEMENT
Date: 07/03/2008
Action: Staff Letter - #20080703

Global Id: T0619717287
Action Type: RESPONSE

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AMBASSADOR LAUNDRY (Continued) **S104566931**

Date: 08/21/2012
Action: Soil and Water Investigation Report

Global Id: T0619717287
Action Type: ENFORCEMENT
Date: 12/05/2008
Action: Staff Letter - #20081205

Global Id: T0619717287
Action Type: Other
Date: 04/28/2008
Action: Leak Reported

LUST:
Global Id: T0619717287
Status: Open - Case Begin Date
Status Date: 01/29/1996

Global Id: T0619717287
Status: Open - Site Assessment
Status Date: 01/29/1996

Global Id: T0619717287
Status: Open - Assessment & Interim Remedial Action
Status Date: 11/02/2005

Global Id: T0619717287
Status: Open - Site Assessment
Status Date: 05/16/2008

Global Id: T0619717287
Status: Open - Remediation
Status Date: 05/18/2012

Global Id: T0619717287
Status: Open - Assessment & Interim Remedial Action
Status Date: 06/19/2012

Global Id: T0619717287
Status: Open - Eligible for Closure
Status Date: 03/17/2014

Global Id: T0619717287
Status: Completed - Case Closed
Status Date: 07/02/2014

Alameda County CS:
Status: Case Closed
Record Id: RO0000879
PE: 5602
Facility Status: Case Closed
Latitude: 37.827500846
Longitude: -122.27982405

Status: Case Closed

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AMBASSADOR LAUNDRY (Continued) **S104566931**

Record Id: RO0002973
PE: 5602
Facility Status: Case Closed
Latitude: Not reported
Longitude: Not reported

Status: Case Closed
Record Id: RO0002973
PE: 5602
Facility Status: Case Closed
Latitude: Not reported
Longitude: Not reported

Status: Case Closed
Record Id: RO0002973
PE: 5602
Facility Status: Case Closed
Latitude: Not reported
Longitude: Not reported

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-2120

CERS TANKS:
Site ID: 218744
CERS ID: T0600101946
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

Site ID: 260897
CERS ID: T0619717287
CERS Description: Leaking Underground Storage Tank Cleanup 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

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AMBASSADOR LAUNDRY (Continued) **S104566931**

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

G42
ESE
< 1/8
0.086 mi.
453 ft.

TESORO (MOBIL) 63049 **UST** **U004249273**
3400 SAN PABLO AVE **N/A**
OAKLAND, CA 94612

Site 6 of 7 in cluster G

Relative:
Higher

Actual:
35 ft.

UST:

Facility ID:	Not reported
Permitting Agency:	Alameda County Environmental Health
Latitude:	37.82546
Longitude:	-122.27769

ALAMEDA CO. UST:

Facility ID:	FA0321041
Facility Status:	Active
Program Element:	4103
Description:	UNDERGROUND STORAGE TANK 3 CONTAINERS
Inspection Date:	02/15/2019
Closed:	Not reported
Owner Name:	TESORO REFINING & MARKETING COMPANY LLC
Owner ID:	OW0322033
Fstatus Decode:	Open

G43
ESE
< 1/8
0.086 mi.
453 ft.

TESORO (MOBIL) 63049 **CERS** **S121791454**
3400 SAN PABLO AVE **CERS HAZ WASTE** **N/A**
OAKLAND, CA 94612 **CERS TANKS**

Site 7 of 7 in cluster G

Relative:
Higher

Actual:
35 ft.

CERS TANKS:

Site ID:	74545
CERS ID:	10403815
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	74545
Site Name:	TESORO (MOBIL) 63049
Violation Date:	03-03-2014
Citation:	23 CCR 16 2641(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(a)
Violation Description:	Failure of sensor to be located in the proper position/location.
Violation Notes:	Returned to compliance on 03/03/2014. During annual site inspection inspector observed: UST system sumps detection sensors not located at lowest point.
Violation Division:	Oakland City Fire Department

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TESORO (MOBIL) 63049 (Continued) **S121791454**

Violation Program: UST
Violation Source: CERS

Site ID: 74545
Site Name: TESORO (MOBIL) 63049
Violation Date: 03-03-2014
Citation: 23 CCR 16 2666 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2666
Violation Description: Failure of the leak detection equipment to be properly programmed or properly operated.
Violation Notes: Returned to compliance on 03/03/2014. During annual site inspection inspector observed: L1 Dispenser 1-2 sensor OUT Alarm. Same sensor OUT Alarm has been detected during last three months of operation.
Violation Division: Oakland City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 74545
Site Name: TESORO (MOBIL) 63049
Violation Date: 02-15-2018
Citation: 23 CCR 16 2635(b)(1), 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2635(b)(1), 2665
Violation Description: Failure to comply with one or more of the following: Failure to install or maintain a liquid-tight spill bucket. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container. Be resistant to galvanic corrosion.
Violation Notes: Returned to compliance on 03/15/2018. Observation: During the testing of the spill buckets the 87-1 regular unleaded fill spill bucket on the right (facing 34th street) failed a visual inspection as there was an active drip coming from the baffles . Corrective Action: Replace the spill bucket and let ACDEH know when work has been completed and submit test results to ACDEH within 30 days.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 74545
Site Name: TESORO (MOBIL) 63049
Violation Date: 03-03-2014
Citation: 23 CCR 16 2715(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(b)
Violation Description: Failure to submit statement of UST compliance and/or Designated Operator current certification.
Violation Notes: Returned to compliance on 04/02/2014. During annual site inspection inspector observed: Expired Designated Operator documents. Operator shall submit current Designated Operator documentation.
Violation Division: Oakland City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 74545
Site Name: TESORO (MOBIL) 63049
Violation Date: 02-16-2016
Citation: HSC 6.7 25291 - California Health and Safety Code, Chapter 6.7, Section(s) 25291
Violation Description: Failure to maintain under-dispenser containment, sumps, and/or other

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TESORO (MOBIL) 63049 (Continued) **S121791454**

secondary containment in good condition and/or free of debris/liquid.
Violation Notes: Returned to compliance on 02/16/2016. OBSERVATION: Fill sumps each contain approximately 1/2 gallon of water. CORRECTIVE ACTION: Service technicians removed water at time of inspection. Corrected at time of inspection.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 74545
Site Name: TESORO (MOBIL) 63049
Violation Date: 03-03-2014
Citation: HSC 6.7 25284(a)(3) - California Health and Safety Code, Chapter 6.7, Section(s) 25284(a)(3)
Violation Description: Failure to submit, maintain, or implement an owner/operator written agreement.
Violation Notes: Returned to compliance on 04/02/2014. During annual site inspection inspector observed: Owner/Operator agreement has not been submitted to CERS. Operator shall submit Owner/Operator agreement to CERS.
Violation Division: Oakland City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 74545
Site Name: TESORO (MOBIL) 63049
Violation Date: 03-03-2014
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 04/02/2014. During annual site inspection inspector observed: Tank-3 electrical conduit sump penetration repair. Material used for repair: Duct tape. Operator shall remove duct tape from sump area and repair electrical conduit penetration boot using compatible materials. Once repairs are made Operator shall conduct a hydrostatic test of the sump. Operator shall notify OFD CUPA of test date, an inspector shall be present during the hydrostatic test.
Violation Division: Oakland City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 74545
Site Name: TESORO (MOBIL) 63049
Violation Date: 02-16-2016
Citation: HSC 6.7 25292.1(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25292.1(a)
Violation Description: Failure to operate the UST system to prevent spills and/or overfills.
Violation Notes: Returned to compliance on 02/22/2016. OBSERVATION: Regular Tank-1 annular space riser cover does not have bolts securing cover to tank slab. CORRECTIVE ACTION: CORRECTIVE ACTION: In Alameda County bolts and gaskets must be used to secure tank covers in tank slab.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 74545
Site Name: TESORO (MOBIL) 63049

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TESORO (MOBIL) 63049 (Continued) **S121791454**

Violation Date: 08-30-2017
Citation: 23 CCR 16 2635(b)(2), 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2635(b)(2), 2665
Violation Description: Failure of the overfill prevention system to meet one of the following requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling.
Violation Notes: Returned to compliance on 09/25/2017. Observation: Facility has an outside annunciator that was tested by ACDEH during the inspection and it was functioning properly. It was observed that there was no sign for the outside annunciator. Corrective Action: Place signage next to the outside annunciator with the following words (UST Overfill Alarm) to alert the delivery driver to the presence of the audible/ visual alarm for overfill prevention. Alameda County Department of Environmental Health (ACDEH) was not present for the Annual Monitoring Certification. ACDEH is unable to confirm the functionality of the overfill prevention system. ACDEH did not verify the presence of the ball float or the functionality of the ATG.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 74545
Site Name: TESORO (MOBIL) 63049
Violation Date: 03-03-2014
Citation: 23 CCR 16 2715(c)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)(2)
Violation Description: Failure to comply with one or more of the following: maintain the spill bucket in good condition, containment free of debris/liquid, and/or to remove the contents of the spill bucket when a release/leak/spill was observed.
Violation Notes: Returned to compliance on 04/02/2014. During annual site inspection inspector observed: Water accumulated inside all spill buckets. Operator had placed grocery plastic bags in an attempt to prevent water intrusion into spill buckets. Operator shall maintain spill buckets free of liquids/debris. Additionally operator shall remove all grocery plastic bags from UST system spill buckets and make necessary repairs to prevent water from entering spill buckets.
Violation Division: Oakland City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 74545
Site Name: TESORO (MOBIL) 63049
Violation Date: 02-16-2016
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description: Failure to maintain on site an approved monitoring plan.
Violation Notes: Returned to compliance on 02/22/2016. OBSERVATION: Tank Monitoring

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TESORO (MOBIL) 63049 (Continued) **S121791454**

Plan: UDC Monitoring does not stop the flow at the dispenser. The monitoring plans are not Accepted. CORRECTIVE ACTION: Correct the UDC monitoring on CERS.

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

Site ID: 74545
Site Name: TESORO (MOBIL) 63049
Violation Date: 02-16-2016
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 02/22/2016. OBSERVATION: No Certification of Financial Responsibility form submitted to CERS. CFO letter is located in Certification of Financial Responsibility file on CERS. CORRECTIVE ACTION: Upload CFO letter to CFO letter file on CERS. Submit Certification of Financial Responsibility form to CERS.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 74545
Site Name: TESORO (MOBIL) 63049
Violation Date: 08-30-2017
Citation: 23 CCR 16 2638(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2638(f)
Violation Description: Failure to properly affix tag/sticker on monitoring equipment being certified, repaired, or replaced.
Violation Notes: Returned to compliance on 09/25/2017. OBSERVATION: Tag/sticker was not affixed on monitoring equipment being certified, repaired, or replaced. The sensor in the 87 gasoline auxiliary sump did not have the certification sticker for the most recent Annual Monitoring Certification. The electronic line leak detector in the 87 gasoline turbine sump did not have the sticker for the most recent Annual Monitoring Certification a fixed. CORRECTIVE ACTION: The 87 gasoline auxiliary sump sensor and the 87 gasoline main turbine sump did not have the sticker attached to the electronic line leak detector.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-15-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On site at Tesoro (Mobil) located at 3400 San Pablo Ave Oakland to conduct the routine annual inspection in conjunction with the annual monitoring system certification and spill bucket testing. Service Station Systems Technician -Kristopher Bell Veeder-Root Startup and Service Technician- Expires 4/12/19 ICC California UST Service Technician- Expires 8/24/18 Vaporless Manufacturing LDT-890 Leak Detector Tester- Expires 11/11/18 LDT- 890 calibration date 2/18/17 Steve Coulter, Tesoro Environmental Compliance Administrator, was on site during the inspection. During the spill bucket testing the 87-1

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TESORO (MOBIL) 63049 (Continued) **S121791454**

regular unleaded fill spill bucket on the right side of the sump facing 34th St failed due to the presence of a leak from one of the baffle that was actively dripping with water in the spill bucket. A work order was placed during the inspection. ACDEH informed Steve Coulter to inform use when the work has been completed and submit a copy of the testing report to [Truncated]

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

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-16-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: TESORO (MOBIL) 63049 3400 SAN PABLO AVE OAKLAND, 94612 CERS ID 10403815 Initial Hazardous Material Business Plan (HMBP) inspection conducted by Alameda County Department of Environmental Health (ACDEH) on February 16, 2016. Consent to inspect was given by and the completed inspection report was reviewed with Chinh Myers, Manager. There is one 20,000 gallon Regular unleaded double walled fiberglass underground storage tank and one 20,000 gallon two compartmentalized double wall fiberglass tank (One Premium Unleaded gasoline and one Diesel).

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

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-16-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: TESORO (MOBIL) 63049 3400 SAN PABLO AVE OAKLAND, 94612 EPA ID NUMBER CAL000373481 Initial Hazardous Waste Generator (HWG) inspection conducted by Alameda County Department of Environmental Health (ACDEH) on February 16, 2016. Consent to inspect was given by and the completed inspection report was reviewed with Chinh Myers, Manager. Waste streams include: Contaminated absorbent and contaminated water. Test water.

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

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-16-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: TESORO (MOBIL) 63049 3400 SAN PABLO AVE OAKLAND, 94612 Initial Underground Storage Tank (UST) inspection conducted by Alameda County Department of Environmental Health (ACDEH) on February 16, 2016. Israel Santillian of Service Station Systems is the service technician conducting the monitoring equipment certification and spill container testing. Consent to inspect was given by and the completed inspection report was reviewed with Chinh Myers, manager. There is one 20,000 gallon Regular unleaded double walled fiberglass underground storage tank and one 20,000 gallon two compartmentalized double wall fiberglass tank (10,000 gallon Premium Unleaded gasoline and 10,000 gallon Diesel). Product piping is double wall fiberglass with ELLD.

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TESORO (MOBIL) 63049 (Continued) **S121791454**

Spill container is located in fill sump with 208 sensor. 208 sensors are also located in the turbine/pipe sump and UDC. Overfill alarm.
Eval Division: Alameda County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-03-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Triannual site inspection. No violations observed during inspection.
Eval Division: Oakland City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-03-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Annual Inspection.
Eval Division: Oakland City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-30-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: ROUTINE ANNUAL INSPECTION On site with Robert Weston at Tesoro (Mobil) #63049 located at 3400 San Pablo Ave Oakland. Service Station Systems Technician Israel was on site to open the sumps, UDCs and annular spaces for the visual inspection. All observation of the functionality of the leak detection equipment is based upon the Annual Monitoring Certification from 2/17/17. During the inspection it was observed that the sensor in the 87 auxiliary sump did not have a sticker from the current Annual Monitoring Certification verifying that it was tested and functions properly. The electronic line leak detector in the 87 gasoline turbine sump did not have the certification sticker attached during the inspection. All three STP sumps at the facility had liquid in them. The service technician removed approximately 3/4 of a gallon of liquid from the the three STP sumps during the inspection. This liquid appeared to be from condensation. Also observed during the inspection [Truncated]
Eval Division: Alameda County Environmental Health
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

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TESORO (MOBIL) 63049 (Continued) **S121791454**

Affiliation Type Desc:	Document Preparer
Entity Name:	BELSHIRE ENVIRONMENTAL SERVICES, INC.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	STEPHEN M. COULTER
Entity Title:	Not reported
Affiliation Address:	7550 WATT AVENUE
Affiliation City:	NORTH HIGHLANDS
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95660
Affiliation Phone:	(951) 538-6895

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	19100 RIDGEWOOD PKWY, MS:TX1-022
Affiliation City:	SAN ANTONIO
Affiliation State:	TX
Affiliation Country:	Not reported
Affiliation Zip:	78259
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	BURKE D. ALBELDA
Entity Title:	ENVIRONMENTAL COMPLIANCE SUPERVISOR
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	Tesoro Refining & Marketing Company LLC
Entity Title:	Not reported
Affiliation Address:	19100 RIDGEWOOD PKWY, MS:TX1-022
Affiliation City:	SAN ANTONIO
Affiliation State:	TX
Affiliation Country:	United States
Affiliation Zip:	78259
Affiliation Phone:	(210) 626-6153

Affiliation Type Desc:	Operator
Entity Name:	Tesoro Refining & Marketing Company LLC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

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TESORO (MOBIL) 63049 (Continued) **S121791454**

Affiliation Zip:	Not reported
Affiliation Phone:	(210) 626-6564
Affiliation Type Desc:	Parent Corporation
Entity Name:	Tesoro Refining and Marketing Company LLC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Primary Emergency Contact
Entity Name:	SAM ANABI
Entity Title:	MULTI-SITE OPERATOR
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(909) 394-4728
Affiliation Type Desc:	Property Owner
Entity Name:	THRIFTY OIL COMPANY
Entity Title:	Not reported
Affiliation Address:	13116 IMPERIAL HIGHWAY
Affiliation City:	SANTA FE SPRINGS
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90670
Affiliation Phone:	(562) 921-3581
Affiliation Type Desc:	Secondary Emergency Contact
Entity Name:	SOLVONE
Entity Title:	SOLVONE
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(877) 989-5020
Affiliation Type Desc:	UST Permit Applicant
Entity Name:	BURKE D. ALBELDA
Entity Title:	ENVIRONMENTAL COMPLIANCE SUPERVISOR
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(310) 869-4096
Affiliation Type Desc:	UST Property Owner Name
Entity Name:	THRIFTY OIL COMPANY
Entity Title:	Not reported
Affiliation Address:	13116 IMPERIAL HIGHWAY

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TESORO (MOBIL) 63049 (Continued) **S121791454**

Affiliation City:	SANTA FE SPRINGS
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90670
Affiliation Phone:	(562) 921-3581
Affiliation Type Desc:	UST Tank Operator
Entity Name:	TMSO INC (SAM ANABI)
Entity Title:	Not reported
Affiliation Address:	3400 SAN PABLO AVENUE
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(909) 394-4728
Affiliation Type Desc:	UST Tank Owner
Entity Name:	Thrifty Oil Company
Entity Title:	Not reported
Affiliation Address:	13116 IMPERIAL HIGHWAY
Affiliation City:	SANTA FE SPRINGS
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90670
Affiliation Phone:	(562) 921-3581

CERS HAZ WASTE:

Site ID:	74545
CERS ID:	10403815
CERS Description:	Hazardous Waste Generator

Violations:

Site ID:	74545
Site Name:	TESORO (MOBIL) 63049
Violation Date:	03-03-2014
Citation:	23 CCR 16 2641(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(a)
Violation Description:	Failure of sensor to be located in the proper position/location.
Violation Notes:	Returned to compliance on 03/03/2014. During annual site inspection inspector observed: UST system sumps detection sensors not located at lowest point.
Violation Division:	Oakland City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	74545
Site Name:	TESORO (MOBIL) 63049
Violation Date:	03-03-2014
Citation:	23 CCR 16 2666 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2666
Violation Description:	Failure of the leak detection equipment to be properly programmed or properly operated.
Violation Notes:	Returned to compliance on 03/03/2014. During annual site inspection inspector observed: L1 Dispenser 1-2 sensor OUT Alarm. Same sensor OUT Alarm has been detected during last three months of operation.
Violation Division:	Oakland City Fire Department

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TESORO (MOBIL) 63049 (Continued) **S121791454**

Violation Program: UST
Violation Source: CERS

Site ID: 74545
Site Name: TESORO (MOBIL) 63049
Violation Date: 02-15-2018
Citation: 23 CCR 16 2635(b)(1), 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2635(b)(1), 2665
Violation Description: Failure to comply with one or more of the following: Failure to install or maintain a liquid-tight spill bucket. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container. Be resistant to galvanic corrosion.
Violation Notes: Returned to compliance on 03/15/2018. Observation: During the testing of the spill buckets the 87-1 regular unleaded fill spill bucket on the right (facing 34th street) failed a visual inspection as there was an active drip coming from the baffles . Corrective Action: Replace the spill bucket and let ACDEH know when work has been completed and submit test results to ACDEH within 30 days.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 74545
Site Name: TESORO (MOBIL) 63049
Violation Date: 03-03-2014
Citation: 23 CCR 16 2715(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(b)
Violation Description: Failure to submit statement of UST compliance and/or Designated Operator current certification.
Violation Notes: Returned to compliance on 04/02/2014. During annual site inspection inspector observed: Expired Designated Operator documents. Operator shall submit current Designated Operator documentation.
Violation Division: Oakland City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 74545
Site Name: TESORO (MOBIL) 63049
Violation Date: 02-16-2016
Citation: HSC 6.7 25291 - California Health and Safety Code, Chapter 6.7, Section(s) 25291
Violation Description: Failure to maintain under-dispenser containment, sumps, and/or other secondary containment in good condition and/or free of debris/liquid.
Violation Notes: Returned to compliance on 02/16/2016. OBSERVATION: Fill sumps each contain approximately 1/2 gallon of water. CORRECTIVE ACTION: Service technicians removed water at time of inspection. Corrected at time of inspection.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 74545
Site Name: TESORO (MOBIL) 63049
Violation Date: 03-03-2014
Citation: HSC 6.7 25284(a)(3) - California Health and Safety Code, Chapter 6.7, Section(s) 25284(a)(3)

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TESORO (MOBIL) 63049 (Continued) **S121791454**

Violation Description: Failure to submit, maintain, or implement an owner/operator written agreement.
Violation Notes: Returned to compliance on 04/02/2014. During annual site inspection inspector observed: Owner/Operator agreement has not been submitted to CERS. Operator shall submit Owner/Operator agreement to CERS.
Violation Division: Oakland City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 74545
Site Name: TESORO (MOBIL) 63049
Violation Date: 03-03-2014
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 04/02/2014. During annual site inspection inspector observed: Tank-3 electrical conduit sump penetration repair. Material used for repair: Duct tape. Operator shall remove duct tape from sump area and repair electrical conduit penetration boot using compatible materials. Once repairs are made Operator shall conduct a hydrostatic test of the sump. Operator shall notify OFD CUPA of test date, an inspector shall be present during the hydrostatic test.
Violation Division: Oakland City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 74545
Site Name: TESORO (MOBIL) 63049
Violation Date: 02-16-2016
Citation: HSC 6.7 25292.1(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25292.1(a)
Violation Description: Failure to operate the UST system to prevent spills and/or overfills.
Violation Notes: Returned to compliance on 02/22/2016. OBSERVATION: Regular Tank-1 annular space riser cover does not have bolts securing cover to tank slab. CORRECTIVE ACTION: CORRECTIVE ACTION: In Alameda County bolts and gaskets must be used to secure tank covers in tank slab.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 74545
Site Name: TESORO (MOBIL) 63049
Violation Date: 08-30-2017
Citation: 23 CCR 16 2635(b)(2), 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2635(b)(2), 2665
Violation Description: Failure of the overfill prevention system to meet one of the following requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to

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TESORO (MOBIL) 63049 (Continued) **S121791454**

	overfilling.
Violation Notes:	Returned to compliance on 09/25/2017. Observation: Facility has an outside annunciator that was tested by ACDEH during the inspection and it was functioning properly. It was observed that there was no sign for the outside annunciator. Corrective Action: Place signage next to the outside annunciator with the following words (UST Overfill Alarm) to alert the delivery driver to the presence of the audible/ visual alarm for overfill prevention. Alameda County Department of Environmental Health (ACDEH) was not present for the Annual Monitoring Certification. ACDEH is unable to confirm the functionality of the overfill prevention system. ACDEH did not verify the presence of the ball float or the functionality of the ATG.
Violation Division:	Alameda County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	74545
Site Name:	TESORO (MOBIL) 63049
Violation Date:	03-03-2014
Citation:	23 CCR 16 2715(c)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)(2)
Violation Description:	Failure to comply with one or more of the following: maintain the spill bucket in good condition, containment free of debris/liquid, and/or to remove the contents of the spill bucket when a release/leak/spill was observed.
Violation Notes:	Returned to compliance on 04/02/2014. During annual site inspection inspector observed: Water accumulated inside all spill buckets. Operator had placed grocery plastic bags in an attempt to prevent water intrusion into spill buckets. Operator shall maintain spill buckets free of liquids/debris. Additionally operator shall remove all grocery plastic bags from UST system spill buckets and make necessary repairs to prevent water from entering spill buckets.
Violation Division:	Oakland City Fire Department
Violation Program:	UST
Violation Source:	CERS
Site ID:	74545
Site Name:	TESORO (MOBIL) 63049
Violation Date:	02-16-2016
Citation:	23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description:	Failure to maintain on site an approved monitoring plan.
Violation Notes:	Returned to compliance on 02/22/2016. OBSERVATION: Tank Monitoring Plan: UDC Monitoring does not stop the flow at the dispenser. The monitoring plans are not Accepted. CORRECTIVE ACTION: Correct the UDC monitoring on CERS.
Violation Division:	Alameda County Environmental Health
Violation Program:	UST
Violation Source:	CERS
Site ID:	74545
Site Name:	TESORO (MOBIL) 63049
Violation Date:	02-16-2016
Citation:	HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description:	Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.

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TESORO (MOBIL) 63049 (Continued) **S121791454**

Violation Notes: Returned to compliance on 02/22/2016. OBSERVATION: No Certification of Financial Responsibility form submitted to CERS. CFO letter is located in Certification of Financial Responsibility file on CERS. CORRECTIVE ACTION: Upload CFO letter to CFO letter file on CERS. Submit Certification of Financial Responsibility form to CERS.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 74545
Site Name: TESORO (MOBIL) 63049
Violation Date: 08-30-2017
Citation: 23 CCR 16 2638(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2638(f)
Violation Description: Failure to properly affix tag/sticker on monitoring equipment being certified, repaired, or replaced.
Violation Notes: Returned to compliance on 09/25/2017. OBSERVATION: Tag/sticker was not affixed on monitoring equipment being certified, repaired, or replaced. The sensor in the 87 gasoline auxiliary sump did not have the certification sticker for the most recent Annual Monitoring Certification. The electronic line leak detector in the 87 gasoline turbine sump did not have the sticker for the most recent Annual Monitoring Certification a fixed. CORRECTIVE ACTION: The 87 gasoline auxiliary sump sensor and the 87 gasoline main turbine sump did not have the sticker attached to the electronic line leak detector.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-15-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On site at Tesoro (Mobil) located at 3400 San Pablo Ave Oakland to conduct the routine annual inspection in conjunction with the annual monitoring system certification and spill bucket testing. Service Station Systems Technician -Kristopher Bell Veeder-Root Startup and Service Technician- Expires 4/12/19 ICC California UST Service Technician- Expires 8/24/18 Vaporless Manufacturing LDT-890 Leak Detector Tester- Expires 11/11/18 LDT- 890 calibration date 2/18/17 Steve Coulter, Tesoro Environmental Compliance Administrator, was on site during the inspection. During the spill bucket testing the 87-1 regular unleaded fill spill bucket on the right side of the sump facing 34th St failed due to the presence of a leak from one of the baffle that was actively dripping with water in the spill bucket. A work order was placed during the inspection. ACDEH informed Steve Coulter to inform use when the work has been completed and submit a copy of the testing report to [Truncated]
Eval Division: Alameda County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-16-2016
Violations Found: No
Eval Type: Routine done by local agency

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TESORO (MOBIL) 63049 (Continued) **S121791454**

Eval Notes: TESORO (MOBIL) 63049 3400 SAN PABLO AVE OAKLAND, 94612 CERS ID 10403815 Initial Hazardous Material Business Plan (HMBP) inspection conducted by Alameda County Department of Environmental Health (ACDEH) on February 16, 2016. Consent to inspect was given by and the completed inspection report was reviewed with Chinh Myers, Manager. There is one 20,000 gallon Regular unleaded double walled fiberglass underground storage tank and one 20,000 gallon two compartmentalized double wall fiberglass tank (One Premium Unleaded gasoline and one Diesel).
Eval Division: Alameda County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-16-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: TESORO (MOBIL) 63049 3400 SAN PABLO AVE OAKLAND, 94612 EPA ID NUMBER CAL000373481 Initial Hazardous Waste Generator (HWG) inspection conducted by Alameda County Department of Environmental Health (ACDEH) on February 16, 2016. Consent to inspect was given by and the completed inspection report was reviewed with Chinh Myers, Manager. Waste streams include: Contaminated absorbent and contaminated water. Test water.
Eval Division: Alameda County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-16-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: TESORO (MOBIL) 63049 3400 SAN PABLO AVE OAKLAND, 94612 Initial Underground Storage Tank (UST) inspection conducted by Alameda County Department of Environmental Health (ACDEH) on February 16, 2016. Israel Santillian of Service Station Systems is the service technician conducting the monitoring equipment certification and spill container testing. Consent to inspect was given by and the completed inspection report was reviewed with Chinh Myers, manager. There is one 20,000 gallon Regular unleaded double walled fiberglass underground storage tank and one 20,000 gallon two compartmentalized double wall fiberglass tank (10,000 gallon Premium Unleaded gasoline and 10,000 gallon Diesel). Product piping is double wall fiberglass with ELLD. Spill container is located in fill sump with 208 sensor. 208 sensors are also located in the turbine/pipe sump and UDC. Overfill alarm.
Eval Division: Alameda County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-03-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Triannual site inspection. No violations observed during inspection.
Eval Division: Oakland City Fire Department
Eval Program: HW
Eval Source: CERS

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TESORO (MOBIL) 63049 (Continued) **S121791454**

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	03-03-2014
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Annual Inspection.
Eval Division:	Oakland City Fire Department
Eval Program:	UST
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-30-2017
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	ROUTINE ANNUAL INSPECTION On site with Robert Weston at Tesoro (Mobil) #63049 located at 3400 San Pablo Ave Oakland. Service Station Systems Technician Israel was on site to open the sumps, UDCs and annular spaces for the visual inspection. All observation of the functionality of the leak detection equipment is based upon the Annual Monitoring Certification from 2/17/17. During the inspection it was observed that the sensor in the 87 auxiliary sump did not have a sticker from the current Annual Monitoring Certification verifying that it was tested and functions properly. The electronic line leak detector in the 87 gasoline turbine sump did not have the certification sticker attached during the inspection. All three STP sumps at the facility had liquid in them. The service technician removed approximately 3/4 of a gallon of liquid from the the three STP sumps during the inspection. This liquid appeared to be from condensation. Also observed during the inspection [Truncated]
Eval Division:	Alameda County Environmental Health
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:	Document Preparer
Entity Name:	BELSHIRE ENVIRONMENTAL SERVICES, INC.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Environmental Contact
Entity Name:	STEPHEN M. COULTER
Entity Title:	Not reported
Affiliation Address:	7550 WATT AVENUE

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TESORO (MOBIL) 63049 (Continued) **S121791454**

Affiliation City:	NORTH HIGHLANDS
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95660
Affiliation Phone:	(951) 538-6895
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	19100 RIDGEWOOD PKWY, MS:TX1-022
Affiliation City:	SAN ANTONIO
Affiliation State:	TX
Affiliation Country:	Not reported
Affiliation Zip:	78259
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	BURKE D. ALBELDA
Entity Title:	ENVIRONMENTAL COMPLIANCE SUPERVISOR
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	Tesoro Refining & Marketing Company LLC
Entity Title:	Not reported
Affiliation Address:	19100 RIDGEWOOD PKWY, MS:TX1-022
Affiliation City:	SAN ANTONIO
Affiliation State:	TX
Affiliation Country:	United States
Affiliation Zip:	78259
Affiliation Phone:	(210) 626-6153
Affiliation Type Desc:	Operator
Entity Name:	Tesoro Refining & Marketing Company LLC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(210) 626-6564
Affiliation Type Desc:	Parent Corporation
Entity Name:	Tesoro Refining and Marketing Company LLC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Primary Emergency Contact

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TESORO (MOBIL) 63049 (Continued) **S121791454**

Entity Name:	SAM ANABI
Entity Title:	MULTI-SITE OPERATOR
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(909) 394-4728

Affiliation Type Desc:	Property Owner
Entity Name:	THRIFTY OIL COMPANY
Entity Title:	Not reported
Affiliation Address:	13116 IMPERIAL HIGHWAY
Affiliation City:	SANTA FE SPRINGS
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90670
Affiliation Phone:	(562) 921-3581

Affiliation Type Desc:	Secondary Emergency Contact
Entity Name:	SOLVONE
Entity Title:	SOLVONE
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(877) 989-5020

Affiliation Type Desc:	UST Permit Applicant
Entity Name:	BURKE D. ALBELDA
Entity Title:	ENVIRONMENTAL COMPLIANCE SUPERVISOR
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(310) 869-4096

Affiliation Type Desc:	UST Property Owner Name
Entity Name:	THRIFTY OIL COMPANY
Entity Title:	Not reported
Affiliation Address:	13116 IMPERIAL HIGHWAY
Affiliation City:	SANTA FE SPRINGS
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90670
Affiliation Phone:	(562) 921-3581

Affiliation Type Desc:	UST Tank Operator
Entity Name:	TMSO INC (SAM ANABI)
Entity Title:	Not reported
Affiliation Address:	3400 SAN PABLO AVENUE
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612

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TESORO (MOBIL) 63049 (Continued) **S121791454**

Affiliation Phone: (909) 394-4728

Affiliation Type Desc: UST Tank Owner
Entity Name: Thrifty Oil Company
Entity Title: Not reported
Affiliation Address: 13116 IMPERIAL HIGHWAY
Affiliation City: SANTA FE SPRINGS
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 90670
Affiliation Phone: (562) 921-3581

CERS TANKS:
Site ID: 74545
CERS ID: 10403815
CERS Description: Underground Storage Tank

Violations:
Site ID: 74545
Site Name: TESORO (MOBIL) 63049
Violation Date: 03-03-2014
Citation: 23 CCR 16 2641(a) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2641(a)
Violation Description: Failure of sensor to be located in the proper position/location.
Violation Notes: Returned to compliance on 03/03/2014. During annual site inspection inspector observed: UST system sumps detection sensors not located at lowest point.
Violation Division: Oakland City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 74545
Site Name: TESORO (MOBIL) 63049
Violation Date: 03-03-2014
Citation: 23 CCR 16 2666 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2666
Violation Description: Failure of the leak detection equipment to be properly programmed or properly operated.
Violation Notes: Returned to compliance on 03/03/2014. During annual site inspection inspector observed: L1 Dispenser 1-2 sensor OUT Alarm. Same sensor OUT Alarm has been detected during last three months of operation.
Violation Division: Oakland City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 74545
Site Name: TESORO (MOBIL) 63049
Violation Date: 02-15-2018
Citation: 23 CCR 16 2635(b)(1), 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2635(b)(1), 2665
Violation Description: Failure to comply with one or more of the following: Failure to install or maintain a liquid-tight spill bucket. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill bucket/spill container. Be resistant to galvanic corrosion.
Violation Notes: Returned to compliance on 03/15/2018. Observation: During the testing

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TESORO (MOBIL) 63049 (Continued) **S121791454**

of the spill buckets the 87-1 regular unleaded fill spill bucket on the right (facing 34th street) failed a visual inspection as there was an active drip coming from the baffles . Corrective Action: Replace the spill bucket and let ACDEH know when work has been completed and submit test results to ACDEH within 30 days.

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

Site ID: 74545
Site Name: TESORO (MOBIL) 63049
Violation Date: 03-03-2014
Citation: 23 CCR 16 2715(b) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(b)
Violation Description: Failure to submit statement of UST compliance and/or Designated Operator current certification.
Violation Notes: Returned to compliance on 04/02/2014. During annual site inspection inspector observed: Expired Designated Operator documents. Operator shall submit current Designated Operator documentation.
Violation Division: Oakland City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 74545
Site Name: TESORO (MOBIL) 63049
Violation Date: 02-16-2016
Citation: HSC 6.7 25291 - California Health and Safety Code, Chapter 6.7, Section(s) 25291
Violation Description: Failure to maintain under-dispenser containment, sumps, and/or other secondary containment in good condition and/or free of debris/liquid.
Violation Notes: Returned to compliance on 02/16/2016. OBSERVATION: Fill sumps each contain approximately 1/2 gallon of water. CORRECTIVE ACTION: Service technicians removed water at time of inspection. Corrected at time of inspection.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 74545
Site Name: TESORO (MOBIL) 63049
Violation Date: 03-03-2014
Citation: HSC 6.7 25284(a)(3) - California Health and Safety Code, Chapter 6.7, Section(s) 25284(a)(3)
Violation Description: Failure to submit, maintain, or implement an owner/operator written agreement.
Violation Notes: Returned to compliance on 04/02/2014. During annual site inspection inspector observed: Owner/Operator agreement has not been submitted to CERS. Operator shall submit Owner/Operator agreement to CERS.
Violation Division: Oakland City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 74545
Site Name: TESORO (MOBIL) 63049
Violation Date: 03-03-2014
Citation: 23 CCR 16 2666 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2666

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TESORO (MOBIL) 63049 (Continued) **S121791454**

Violation Description: Failure to maintain entry fitting such that it properly seals to the containment.
Violation Notes: Returned to compliance on 04/02/2014. During annual site inspection inspector observed: Tank-3 electrical conduit sump penetration repair. Material used for repair: Duct tape. Operator shall remove duct tape from sump area and repair electrical conduit penetration boot using compatible materials. Once repairs are made Operator shall conduct a hydrostatic test of the sump. Operator shall notify OFD CUPA of test date, an inspector shall be present during the hydrostatic test.
Violation Division: Oakland City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 74545
Site Name: TESORO (MOBIL) 63049
Violation Date: 02-16-2016
Citation: HSC 6.7 25292.1(a) - California Health and Safety Code, Chapter 6.7, Section(s) 25292.1(a)
Violation Description: Failure to operate the UST system to prevent spills and/or overfills.
Violation Notes: Returned to compliance on 02/22/2016. OBSERVATION: Regular Tank-1 annular space riser cover does not have bolts securing cover to tank slab. CORRECTIVE ACTION: CORRECTIVE ACTION: In Alameda County bolts and gaskets must be used to secure tank covers in tank slab.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 74545
Site Name: TESORO (MOBIL) 63049
Violation Date: 08-30-2017
Citation: 23 CCR 16 2635(b)(2), 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2635(b)(2), 2665
Violation Description: Failure of the overfill prevention system to meet one of the following requirements: Alert the transfer operator when the tank is 90 percent full by restricting the flow into the tank or triggering an audible and visual alarm; or Restrict delivery of flow to the tank at least 30 minutes before the tank overfills, provided the restriction occurs when the tank is filled to no more than 95 percent of capacity; and activate an audible alarm at least five minutes before the tank overfills; or Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or Provide positive shut-off of flow to the tank so that none of the fittings located on the top of the tank are exposed to product due to overfilling.
Violation Notes: Returned to compliance on 09/25/2017. Observation: Facility has an outside annunciator that was tested by ACDEH during the inspection and it was functioning properly. It was observed that there was no sign for the outside annunciator. Corrective Action: Place signage next to the outside annunciator with the following words (UST Overfill Alarm) to alert the delivery driver to the presence of the audible/ visual alarm for overfill prevention. Alameda County Department of Environmental Health (ACDEH) was not present for the Annual Monitoring Certification. ACDEH is unable to confirm the functionality of the overfill prevention system. ACDEH did not verify the presence of the ball float or the functionality of the ATG.
Violation Division: Alameda County Environmental Health
Violation Program: UST

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TESORO (MOBIL) 63049 (Continued) **S121791454**

Violation Source: CERS

Site ID: 74545
Site Name: TESORO (MOBIL) 63049
Violation Date: 03-03-2014
Citation: 23 CCR 16 2715(c)(2) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2715(c)(2)
Violation Description: Failure to comply with one or more of the following: maintain the spill bucket in good condition, containment free of debris/liquid, and/or to remove the contents of the spill bucket when a release/leak/spill was observed.
Violation Notes: Returned to compliance on 04/02/2014. During annual site inspection inspector observed: Water accumulated inside all spill buckets. Operator had placed grocery plastic bags in an attempt to prevent water intrusion into spill buckets. Operator shall maintain spill buckets free of liquids/debris. Additionally operator shall remove all grocery plastic bags from UST system spill buckets and make necessary repairs to prevent water from entering spill buckets.
Violation Division: Oakland City Fire Department
Violation Program: UST
Violation Source: CERS

Site ID: 74545
Site Name: TESORO (MOBIL) 63049
Violation Date: 02-16-2016
Citation: 23 CCR 16 2712(i) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2712(i)
Violation Description: Failure to maintain on site an approved monitoring plan.
Violation Notes: Returned to compliance on 02/22/2016. OBSERVATION: Tank Monitoring Plan: UDC Monitoring does not stop the flow at the dispenser. The monitoring plans are not Accepted. CORRECTIVE ACTION: Correct the UDC monitoring on CERS.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 74545
Site Name: TESORO (MOBIL) 63049
Violation Date: 02-16-2016
Citation: HSC 6.75 25299.30-25299.34 - California Health and Safety Code, Chapter 6.75, Section(s) 25299.30-25299.34
Violation Description: Failure to submit and maintain complete and current Certification of Financial Responsibility or other mechanism of financial assurance.
Violation Notes: Returned to compliance on 02/22/2016. OBSERVATION: No Certification of Financial Responsibility form submitted to CERS. CFO letter is located in Certification of Financial Responsibility file on CERS. CORRECTIVE ACTION: Upload CFO letter to CFO letter file on CERS. Submit Certification of Financial Responsibility form to CERS.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Site ID: 74545
Site Name: TESORO (MOBIL) 63049
Violation Date: 08-30-2017
Citation: 23 CCR 16 2638(f) - California Code of Regulations, Title 23, Chapter 16, Section(s) 2638(f)

DRAFT

TESORO (MOBIL) 63049 (Continued) **S121791454**

Violation Description: Failure to properly affix tag/sticker on monitoring equipment being certified, repaired, or replaced.
Violation Notes: Returned to compliance on 09/25/2017. OBSERVATION: Tag/sticker was not affixed on monitoring equipment being certified, repaired, or replaced. The sensor in the 87 gasoline auxiliary sump did not have the certification sticker for the most recent Annual Monitoring Certification. The electronic line leak detector in the 87 gasoline turbine sump did not have the sticker for the most recent Annual Monitoring Certification a fixed. CORRECTIVE ACTION: The 87 gasoline auxiliary sump sensor and the 87 gasoline main turbine sump did not have the sticker attached to the electronic line leak detector.
Violation Division: Alameda County Environmental Health
Violation Program: UST
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-15-2018
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: On site at Tesoro (Mobil) located at 3400 San Pablo Ave Oakland to conduct the routine annual inspection in conjunction with the annual monitoring system certification and spill bucket testing. Service Station Systems Technician -Kristopher Bell Veeder-Root Startup and Service Technician- Expires 4/12/19 ICC California UST Service Technician- Expires 8/24/18 Vaporless Manufacturing LDT-890 Leak Detector Tester- Expires 11/11/18 LDT- 890 calibration date 2/18/17 Steve Coulter, Tesoro Environmental Compliance Administrator, was on site during the inspection. During the spill bucket testing the 87-1 regular unleaded fill spill bucket on the right side of the sump facing 34th St failed due to the presence of a leak from one of the baffle that was actively dripping with water in the spill bucket. A work order was placed during the inspection. ACDEH informed Steve Coulter to inform use when the work has been completed and submit a copy of the testing report to [Truncated]
Eval Division: Alameda County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-16-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: TESORO (MOBIL) 63049 3400 SAN PABLO AVE OAKLAND, 94612 CERS ID 10403815 Initial Hazardous Material Business Plan (HMBP) inspection conducted by Alameda County Department of Environmental Health (ACDEH) on February 16, 2016. Consent to inspect was given by and the completed inspection report was reviewed with Chinh Myers, Manager. There is one 20,000 gallon Regular unleaded double walled fiberglass underground storage tank and one 20,000 gallon two compartmentalized double wall fiberglass tank (One Premium Unleaded gasoline and one Diesel).
Eval Division: Alameda County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection

DRAFT

TESORO (MOBIL) 63049 (Continued) **S121791454**

Eval Date: 02-16-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: TESORO (MOBIL) 63049 3400 SAN PABLO AVE OAKLAND, 94612 EPA ID NUMBER CAL000373481 Initial Hazardous Waste Generator (HWG) inspection conducted by Alameda County Department of Environmental Health (ACDEH) on February 16, 2016. Consent to inspect was given by and the completed inspection report was reviewed with Chinh Myers, Manager. Waste streams include: Contaminated absorbent and contaminated water. Test water.
Eval Division: Alameda County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 02-16-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: TESORO (MOBIL) 63049 3400 SAN PABLO AVE OAKLAND, 94612 Initial Underground Storage Tank (UST) inspection conducted by Alameda County Department of Environmental Health (ACDEH) on February 16, 2016. Israel Santillian of Service Station Systems is the service technician conducting the monitoring equipment certification and spill container testing. Consent to inspect was given by and the completed inspection report was reviewed with Chinh Myers, manager. There is one 20,000 gallon Regular unleaded double walled fiberglass underground storage tank and one 20,000 gallon two compartmentalized double wall fiberglass tank (10,000 gallon Premium Unleaded gasoline and 10,000 gallon Diesel). Product piping is double wall fiberglass with ELLD. Spill container is located in fill sump with 208 sensor. 208 sensors are also located in the turbine/pipe sump and UDC. Overfill alarm.
Eval Division: Alameda County Environmental Health
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-03-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Triannual site inspection. No violations observed during inspection.
Eval Division: Oakland City Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 03-03-2014
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Annual Inspection.
Eval Division: Oakland City Fire Department
Eval Program: UST
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-30-2017
Violations Found: Yes
Eval Type: Routine done by local agency

Draft

TESORO (MOBIL) 63049 (Continued) **S121791454**

Eval Notes: ROUTINE ANNUAL INSPECTION On site with Robert Weston at Tesoro (Mobil) #63049 located at 3400 San Pablo Ave Oakland. Service Station Systems Technician Israel was on site to open the sumps, UDCs and annular spaces for the visual inspection. All observation of the functionality of the leak detection equipment is based upon the Annual Monitoring Certification from 2/17/17. During the inspection it was observed that the sensor in the 87 auxiliary sump did not have a sticker from the current Annual Monitoring Certification verifying that it was tested and functions properly. The electronic line leak detector in the 87 gasoline turbine sump did not have the certification sticker attached during the inspection. All three STP sumps at the facility had liquid in them. The service technician removed approximately 3/4 of a gallon of liquid from the the three STP sumps during the inspection. This liquid appeared to be from condensation. Also observed during the inspection [Truncated]
Eval Division: Alameda County Environmental Health
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: Document Preparer
Entity Name: BELSHIRE ENVIRONMENTAL SERVICES, INC.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: STEPHEN M. COULTER
Entity Title: Not reported
Affiliation Address: 7550 WATT AVENUE
Affiliation City: NORTH HIGHLANDS
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 95660
Affiliation Phone: (951) 538-6895

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 19100 RIDGEWOOD PKWY, MS:TX1-022
Affiliation City: SAN ANTONIO
Affiliation State: TX
Affiliation Country: Not reported

DRAFT

TESORO (MOBIL) 63049 (Continued) **S121791454**

Affiliation Zip:	78259
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	BURKE D. ALBELDA
Entity Title:	ENVIRONMENTAL COMPLIANCE SUPERVISOR
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	Tesoro Refining & Marketing Company LLC
Entity Title:	Not reported
Affiliation Address:	19100 RIDGEWOOD PKWY, MS:TX1-022
Affiliation City:	SAN ANTONIO
Affiliation State:	TX
Affiliation Country:	United States
Affiliation Zip:	78259
Affiliation Phone:	(210) 626-6153

Affiliation Type Desc:	Operator
Entity Name:	Tesoro Refining & Marketing Company LLC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(210) 626-6564

Affiliation Type Desc:	Parent Corporation
Entity Name:	Tesoro Refining and Marketing Company LLC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Primary Emergency Contact
Entity Name:	SAM ANABI
Entity Title:	MULTI-SITE OPERATOR
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(909) 394-4728

Affiliation Type Desc:	Property Owner
Entity Name:	THRIFTY OIL COMPANY
Entity Title:	Not reported
Affiliation Address:	13116 IMPERIAL HIGHWAY

DRAFT

TESORO (MOBIL) 63049 (Continued) **S121791454**

Affiliation City:	SANTA FE SPRINGS
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90670
Affiliation Phone:	(562) 921-3581

Affiliation Type Desc:	Secondary Emergency Contact
Entity Name:	SOLVONE
Entity Title:	SOLVONE
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(877) 989-5020

Affiliation Type Desc:	UST Permit Applicant
Entity Name:	BURKE D. ALBELDA
Entity Title:	ENVIRONMENTAL COMPLIANCE SUPERVISOR
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(310) 869-4096

Affiliation Type Desc:	UST Property Owner Name
Entity Name:	THRIFTY OIL COMPANY
Entity Title:	Not reported
Affiliation Address:	13116 IMPERIAL HIGHWAY
Affiliation City:	SANTA FE SPRINGS
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90670
Affiliation Phone:	(562) 921-3581

Affiliation Type Desc:	UST Tank Operator
Entity Name:	TMSO INC (SAM ANABI)
Entity Title:	Not reported
Affiliation Address:	3400 SAN PABLO AVENUE
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94612
Affiliation Phone:	(909) 394-4728

Affiliation Type Desc:	UST Tank Owner
Entity Name:	Thrifty Oil Company
Entity Title:	Not reported
Affiliation Address:	13116 IMPERIAL HIGHWAY
Affiliation City:	SANTA FE SPRINGS
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90670
Affiliation Phone:	(562) 921-3581

DRAFT

44 SW < 1/8 0.100 mi. 527 ft. — **ABRAMS ABR**, **3312 ADELINE ST**, **OAKLAND, CA** — **EDR Hist Cleaner** — **1009140423** / **N/A**

Relative: Lower — EDR Hist Cleaner

Actual: 26 ft.

Year:	Name:	Type:
1933	ABRAMS ABR	CLOTHES PRESSERS AND CLEANERS

E45 SE < 1/8 0.102 mi. 541 ft. — **CALIFORNIA SERVICE STATION**, **3350 SAN PABLO AVE**, **OAKLAND, CA** — **EDR Hist Auto** — **1009014376** / **N/A**

Site 4 of 4 in cluster E

Relative: Higher — EDR Hist Auto

Actual: 34 ft.

Year:	Name:	Type:
1933	SIKSEN ALBT	GASOLINE AND OIL SERVICE STATIONS
1943	CALIFORNIA SERVICE STATION	GASOLINE AND OIL SERVICE STATIONS

H46 North < 1/8 0.103 mi. 544 ft. — **KENDRICK & ZUKOR**, **3645 SAN PABLO AVE**, **OAKLAND, CA** — **EDR Hist Auto** — **1009015780** / **N/A**

Site 1 of 10 in cluster H

Relative: Higher — EDR Hist Auto

Actual: 37 ft.

Year:	Name:	Type:
1928	KENDRICK & ZUKOR	GASOLINE AND OIL SERVICE STATIONS

F47 WNW < 1/8 0.103 mi. 546 ft. — **OAKLAND OVERALL LAUNDRY**, **3501 PERALTA ST**, **OAKLAND, CA** — **EDR Hist Cleaner** — **1009141006** / **N/A**

Site 3 of 5 in cluster F

Relative: Lower — EDR Hist Cleaner

Actual: 26 ft.

Year:	Name:	Type:
1925	COSTELLO & SHEDD	LAUNDRIES
1928	OAKLAND OVERALL LAUNDRY	LAUNDRIES

DRAFT

F48 West < 1/8 0.104 mi. 550 ft. | **CLAWSON HIGH SCHOOL**
3420 PERALTA ST
OAKLAND, CA 94608
Site 4 of 5 in cluster F | **LUST**
Alameda County CS
SWEEPS UST
HIST CORTESE
CERS | **S103957717**
N/A

Relative: Lower
Actual: 25 ft.

LUST:

Lead Agency:	ALAMEDA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100388
Global Id:	T0600100388
Latitude:	37.8263188
Longitude:	-122.2819835
Status:	Completed - Case Closed
Status Date:	03/30/1999
Case Worker:	Not reported
RB Case Number:	01-0427
Local Agency:	Not reported
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	RO0001065
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

LUST:

Global Id:	T0600100388
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:	T0600100388
Action Type:	Other
Date:	04/15/1991
Action:	Leak Discovery
Global Id:	T0600100388
Action Type:	Other
Date:	04/15/1991
Action:	Leak Reported
Global Id:	T0600100388
Action Type:	REMEDIATION
Date:	04/08/1993
Action:	Excavation

LUST:

Global Id:	T0600100388
Status:	Open - Case Begin Date
Status Date:	04/15/1991
Global Id:	T0600100388
Status:	Completed - Case Closed
Status Date:	03/30/1999

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CLAWSON HIGH SCHOOL (Continued) **S103957717**

LUST REG 2:

Region:	2
Facility Id:	01-0427
Facility Status:	Case Closed
Case Number:	3652
How Discovered:	Tank Closure
Leak Cause:	Structure Failure
Leak Source:	Tank
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	6/11/1991
Pollution Characterization Began:	Not reported
Pollution Remediation Plan Submitted:	1/27/1998
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

Alameda County CS:

Status:	Case Closed
Record Id:	RO0001065
PE:	5602
Facility Status:	Case Closed
Latitude:	37.82597049
Longitude:	-122.28207263

SWEEPS UST:

Status:	Not reported
Comp Number:	4905
Number:	Not reported
Board Of Equalization:	44-035071
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	01-000-004905-000001
Tank Status:	Not reported
Capacity:	5000
Active Date:	Not reported
Tank Use:	OIL
STG:	PRODUCT
Content:	HEATING OIL
Number Of Tanks:	1

HIST CORTESE:

Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-0427

CERS TANKS:

Site ID:	231642
CERS ID:	T0600100388
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

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CLAWSON HIGH SCHOOL (Continued) **S103957717**

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

I49
NW
< 1/8
0.106 mi.
560 ft.

SIGNAL OIL CO **EDR Hist Auto** **1009011430**
3607 PERALTA ST **N/A**
OAKLAND, CA

Site 1 of 2 in cluster I

Relative:
Lower

Actual:
30 ft.

EDR Hist Auto

Year:	Name:	Type:
1943	SIGNAL OIL CO	GASOLINE AND OIL SERVICE STATIONS
1969	ELLIS WILLIE B	Gasoline Service Stations
1970	ELLIS WILLIE B	Gasoline Service Stations
1992	GREEN AUTO SERVICE	General Automotive Repair Shops
1993	GREEN AUTO SERVICE	General Automotive Repair Shops
1994	GREEN AUTO SERVICE	General Automotive Repair Shops
1995	GREEN AUTO SERVICE	General Automotive Repair Shops

H50
North
< 1/8
0.108 mi.
569 ft.

FORMER UNOCAL 371572 **RCRA-LQG** **1016447618**
3645 SAN PABLO AVE **FINDS** **CAR000242073**
EMERYVILLE, CA 94608 **ECHO**

Site 2 of 10 in cluster H

Relative:
Higher

Actual:
37 ft.

RCRA-LQG:

Date form received by agency:	09/19/2013
Facility name:	FORMER UNOCAL 371572
Facility address:	3645 SAN PABLO AVE EMERYVILLE, CA 94608
EPA ID:	CAR000242073
Mailing address:	PO BOX 6004 SAN RAMON, CA 94583
Contact:	JOCKO RODRIGUEZ
Contact address:	PO BOX 6004 SAN RAMON, CA 94583
Contact country:	US
Contact telephone:	877-386-6044
Contact email:	NAWTDESK@CHEVRON.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

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FORMER UNOCAL 371572 (Continued) **1016447618**

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:	CHEVRON USA
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:	06/16/2010
Owner/Op end date:	Not reported

Owner/operator name:	DAN AND VIC DIVERSIFIED LLC
Owner/operator address:	PO BOX 6004
	SAN RAMON, CA 94583
Owner/operator country:	US
Owner/operator telephone:	877-386-6044
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:	06/16/2010
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: 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

DRAFT

FORMER UNOCAL 371572 (Continued) **1016447618**

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

FINDS:

Registry ID: 110056300783

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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

ECHO:
Envid: 1016447618
Registry ID: 110056300783
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110056300783

H51 **JUG LIQUOR** **US BROWNFIELDS** **1016345730**
North **3645 SAN PABLO AVENUE** **FINDS** **N/A**
< 1/8 **EMERYVILLE, CA 94608**
0.108 mi.
569 ft. **Site 3 of 10 in cluster H**

Relative:
Higher

Actual:
37 ft.

US BROWNFIELDS:

Property Name:	JUG LIQUOR
Recipient Name:	Emeryville, City of
Grant Type:	Assessment
Property Number:	049-480-001
Parcel size:	.1
Latitude:	37.82821
Longitude:	-122.27872
HCM Label:	Address Matching-House Number
Map Scale:	1:24,000
Point of Reference:	Center of a Facility or Station
Highlights:	Not reported
Datum:	North American Datum of 1983
Acres Property ID:	15627
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completition Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	18000
Assessment Funding Source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported

DRAFT

JUG LIQUOR (Continued) **1016345730**

Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	Not reported
Grant Type:	N/A
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	1
Cooperative Agreement Number:	97973601
Start Date:	03/30/2004 00:00:00
Ownership Entity:	Not reported
Completion Date:	03/30/2004 00:00:00
Current Owner:	Alvin and Dorothy Quilice
Did Owner Change:	Y
Cleanup Required:	N
Video Available:	Not reported
Photo Available:	Y
Institutional Controls Required:	N
IC Category Proprietary Controls:	U
IC Cat. Info. Devices:	U
IC Cat. Gov. Controls:	U
IC Cat. Enforcement Permit Tools:	U
IC in place date:	Not reported
IC in place:	U
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported

DRAFT

JUG LIQUOR (Continued) **1016345730**

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
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:	Liquor store, gas station
Below Poverty Number:	1441
Below Poverty Percent:	19.8%
Meidan Income:	7386
Meidan Income Number:	2951
Meidan Income Percent:	40.5%
Vacant Housing Number:	639
Vacant Housing Percent:	15.2%
Unemployed Number:	533
Unemployed Percent:	7.3%
Property Name:	JUG LIQUOR

DRAFT

JUG LIQUOR (Continued) **1016345730**

Recipient Name:	Emeryville, City of
Grant Type:	Assessment
Property Number:	049-480-001
Parcel size:	.1
Latitude:	37.82821
Longitude:	-122.27872
HCM Label:	Address Matching-House Number
Map Scale:	1:24,000
Point of Reference:	Center of a Facility or Station
Highlights:	Not reported
Datum:	North American Datum of 1983
Acres Property ID:	15627
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completition Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	10000
Assessment Funding Source:	Local Funding
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	Tax increment financing from Redevelopment Agency
Cleanup Funding Entity:	Not reported
Grant Type:	N/A
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	1
Cooperative Agreement Number:	97973601
Start Date:	03/30/2004 00:00:00
Ownership Entity:	Not reported
Completion Date:	03/30/2004 00:00:00
Current Owner:	Alvin and Dorothy Quilice
Did Owner Change:	Y
Cleanup Required:	N
Video Available:	Not reported
Photo Available:	Y
Institutional Controls Required:	N
IC Category Proprietary Controls:	U
IC Cat. Info. Devices:	U
IC Cat. Gov. Controls:	U
IC Cat. Enforcement Permit Tools:	U
IC in place date:	Not reported
IC in place:	U
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported

DRAFT

JUG LIQUOR (Continued) **1016345730**

Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
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

DRAFT

JUG LIQUOR (Continued) **1016345730**

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:	Liquor store, gas station
Below Poverty Number:	1441
Below Poverty Percent:	19.8%
Meidan Income:	7386
Meidan Income Number:	2951
Meidan Income Percent:	40.5%
Vacant Housing Number:	639
Vacant Housing Percent:	15.2%
Unemployed Number:	533
Unemployed Percent:	7.3%

FINDS:

Registry ID: 110038698683

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.

H52 **LANE SPLITTERS PIZZA** **LUST** **S108201912**
North **3645 SAN PABLO AVE** **Alameda County CS** **N/A**
< 1/8 **EMERYVILLE, CA 94608** **CERS**
0.108 mi.
569 ft. **Site 4 of 10 in cluster H**

Relative:
Higher

Actual:
37 ft.

LUST:

Lead Agency:	ALAMEDA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000002518
Global Id:	T10000002518
Latitude:	37.8280579691449
Longitude:	-122.279275877316
Status:	Completed - Case Closed
Status Date:	11/26/2014
Case Worker:	MD
RB Case Number:	Not reported
Local Agency:	ALAMEDA COUNTY LOP
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	RO0003068
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Diesel, Other Petroleum, Waste Oil / Motor / Hydraulic / Lubricating

DRAFT

LANE SPLITTERS PIZZA (Continued) **S108201912**

Site History: Not all historic documents for the fuel leak 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. A 2002 Phase I Environmental Assessment found that the site had been a gasoline service station between approximately 1947 and 1969. A 2004 subsurface investigation conducted a geophysical survey and found a generalized disturbed signature beneath the site. Five soil bores were also installed and found "low to moderate" concentrations of TPH, BTEX, and MTBE, generally below regulatory thresholds. Two petroleum hydrocarbon hotspots were encountered during site grading, up to 20 eight-foot deep soil bores were installed around Hotspot #1, soil samples collected, and ultimately approximately 25.5 tons of impacted soil was excavated off hauled. Hotspot #2 is described as a fill pit presumed to be a location of a former UST, soil samples were collected, and ultimately approximately 127.1 tons of soil was excavated and off-hauled. Concentrations up to 310 mg/kg TPHg, 629 mg/kg TPHd, 1,700 mg/kg TPHmo, <2.5 mg/kg benzene, <2.5 mg/kg toluene, 3.7 mg/kg ethylbenzene, 5.3 mg/kg total xylenes, and <2.5 mg/kg MTBE were encountered in the two hotspot locations. The chromatographic pattern for the TPHg and TPHd analysis are reported not to match standard patterns. One UST of unknown size was encountered and abandoned in-place during installation of the fire service as the site continued construction. The UST was cleaned and backfilled. One soil sample was collected at a depth of approximately 5.5 ft bgs at a location approximately 2 feet east of the UST. Analysis of the soil sample indicated that 980 mg/kg TPHg, 870 mg/kg TPHd, 3,300 mg/kg TPHmo, <0.77 mg/kg benzene, 2.3 mg/kg toluene, 1.5 mg/kg ethylbenzene, 11.4 mg/kg total xylenes, and <0.77 mg/kg MTBE were present; additional analytes were also detected. Seven soil bores were advanced around the perimeter of the site in January 2014 and soil and grab groundwater samples were collected in order to characterize the site under the LTCP. A Request for Closure was submitted in June 2014.

LUST:

Global Id:	T10000002518
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:	T10000002518
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:	T10000002518
Action Type:	Other

DRAFT

LANE SPLITTERS PIZZA (Continued) **S108201912**

Date: 12/23/2009
Action: Leak Stopped

Global Id: T10000002518
Action Type: RESPONSE
Date: 02/02/2015
Action: Well Destruction Report

Global Id: T10000002518
Action Type: Other
Date: 12/23/2009
Action: Leak Discovery

Global Id: T10000002518
Action Type: RESPONSE
Date: 02/25/2013
Action: Electronic Reporting Submittal Due

Global Id: T10000002518
Action Type: ENFORCEMENT
Date: 01/06/2012
Action: Staff Letter - #20120106

Global Id: T10000002518
Action Type: ENFORCEMENT
Date: 01/06/2012
Action: Notice of Responsibility - #20120106

Global Id: T10000002518
Action Type: RESPONSE
Date: 04/12/2013
Action: Soil and Water Investigation Report

Global Id: T10000002518
Action Type: RESPONSE
Date: 04/01/2013
Action: Soil and Water Investigation Workplan - Addendum

Global Id: T10000002518
Action Type: RESPONSE
Date: 03/02/2012
Action: Soil and Water Investigation Workplan

Global Id: T10000002518
Action Type: RESPONSE
Date: 09/13/2013
Action: Site Assessment Report - Regulator Responded

Global Id: T10000002518
Action Type: ENFORCEMENT
Date: 07/12/2013
Action: Staff Letter - #20130712

Global Id: T10000002518
Action Type: ENFORCEMENT
Date: 08/06/2014
Action: Notification - Public Participation Document - #20140806

DRAFT

LANE SPLITTERS PIZZA (Continued) **S108201912**

Global Id: T10000002518
Action Type: ENFORCEMENT
Date: 08/06/2014
Action: Staff Letter - #20140806

Global Id: T10000002518
Action Type: ENFORCEMENT
Date: 11/26/2014
Action: Closure/No Further Action Letter - #20141126

Global Id: T10000002518
Action Type: ENFORCEMENT
Date: 02/08/2013
Action: Staff Letter - #20130208

Global Id: T10000002518
Action Type: ENFORCEMENT
Date: 04/09/2012
Action: Notice of Reimbursement - #20120409

Global Id: T10000002518
Action Type: Other
Date: 01/28/2010
Action: Leak Reported

LUST:
Global Id: T10000002518
Status: Open - Assessment & Interim Remedial Action
Status Date: 07/01/2009

Global Id: T10000002518
Status: Open - Case Begin Date
Status Date: 12/23/2009

Global Id: T10000002518
Status: Open - Site Assessment
Status Date: 08/30/2010

Global Id: T10000002518
Status: Open - Eligible for Closure
Status Date: 08/06/2014

Global Id: T10000002518
Status: Completed - Case Closed
Status Date: 11/26/2014

Alameda County CS:
Status: Leak Confirmation
Record Id: RO0003068
PE: 5602
Facility Status: Leak Confirmation
Latitude: Not reported
Longitude: Not reported

Status: Leak Confirmation

DRAFT

LANE SPLITTERS PIZZA (Continued) **S108201912**

Record Id: RO0003068
PE: 5602
Facility Status: Leak Confirmation
Latitude: Not reported
Longitude: Not reported

Status: Leak Confirmation
Record Id: RO0003068
PE: 5602
Facility Status: Leak Confirmation
Latitude: Not reported
Longitude: Not reported

CERS TANKS:
Site ID: 237062
CERS ID: T10000002518
CERS Description: Leaking Underground Storage Tank Cleanup 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

I53 **CUNEO ANTON** **EDR Hist Auto** **1009014345**
NW **3560 PERALTA ST** **N/A**
< 1/8 **OAKLAND, CA**
0.109 mi.
573 ft. **Site 2 of 2 in cluster I**

Relative: EDR Hist Auto
Lower

Actual:
31 ft.

Year:	Name:	Type:
1933	CUNEO ANTON	GASOLINE AND OIL SERVICE STATIONS
1943	ANGEJA JOSE	GASOLINE AND OIL SERVICE STATIONS

DRAFT

H54 NNE < 1/8 0.110 mi. 583 ft. | **3706 SAN PABLO AVENUE ASSEMBLAGE**
3706 SAN PABLO AVENUE
EMERYVILLE, CA 94608

Site 5 of 10 in cluster H

ENVIROSTOR | **S111120543**
N/A

Relative: Higher

Actual: 38 ft.

ENVIROSTOR:

Facility ID:	60001510
Status:	Refer: Other Agency
Status Date:	04/30/2012
Site Code:	201913
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	1
NPL:	NO
Regulatory Agencies:	HWMP
Lead Agency:	HWMP
Program Manager:	Juanita (Nina) Bacey
Supervisor:	Karen Toth
Division Branch:	Cleanup Berkeley
Assembly:	15
Senate:	09
Special Program:	EPA - Target Site Investigation
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	EPA Grant
Latitude:	37.82809
Longitude:	-122.2782
APN:	049-0951-004-02, 049-0951-005-01, 049-0951-006-01, 049-0951-007
Past Use:	MACHINE SHOP, MANUFACTURING - OTHER, VEHICLE MAINTENANCE
Potential COC:	TPH-diesel TPH-gas Trichloroethylene (TCE Vinyl chloride Chlorobenzene 1,2-Dichloroethane (EDC 1,2-Dichloroethylene (cis Ethylbenzene Xylenes
Confirmed COC:	TPH-diesel TPH-gas Ethylbenzene 30193-NO 30195-NO Xylenes Trichloroethylene (TCE Chlorobenzene Vinyl chloride
Potential Description:	OTH, SOIL
Alias Name:	049-0951-004-02
Alias Type:	APN
Alias Name:	049-0951-005-01
Alias Type:	APN
Alias Name:	049-0951-006-01
Alias Type:	APN
Alias Name:	049-0951-007
Alias Type:	APN
Alias Name:	201913
Alias Type:	Project Code (Site Code)
Alias Name:	60001510
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:	11/20/2009
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Technical Report
Completed Date:	04/13/2010

DRAFT

3706 SAN PABLO AVENUE ASSEMBLAGE (Continued) **S111120543**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/12/2010
Comments: The soil and gw investigation found TPHd, cis-1,2-DCE, and TCE in gw at concentrations that exceeded CA screening levels.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 01/12/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 02/03/2012
Comments: fieldwork completed by 2/1/12; keys returned to RP 2/3/12.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 04/30/2012
Comments: Investigations identified lead in soil above CHHSLs and TCE in groundwater above MCLs. Additional investigation may be needed to determine the extent of contamination and possible off-site source of gw contamination. Soil contamination may be able to be remediated during redevelopment of the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 10/28/2011
Comments: Work order issued for sampling under the Targeted Site Investigation grant.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 09/02/2011
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

DRAFT

H55 NNE < 1/8 0.110 mi. 583 ft. | **3706 SAN PABLO AVE** | **US BROWNFIELDS** | **1023618789**
3706 SAN PABLO AVENUE | **N/A**
EMERYVILLE, CA 94608

Site 6 of 10 in cluster H

Relative: Higher

Actual: 38 ft.

US BROWNFIELDS:

Property Name:	3706 SAN PABLO AVE
Recipient Name:	City of Emeryville
Grant Type:	Cleanup
Property Number:	049 0951-004-02; 049-0951-005-01; 049-0951-006-01; 049-0951-007 and 012-0951-011
Parcel size:	1
Latitude:	37.828093
Longitude:	-122.278539
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:	155501
IC Data Access:	<a target=_BLANK href=https://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T
Start Date:	08/15/2015 00:00:00
Redev Completition Date:	Not reported
Completed Date:	04/11/2016 00:00:00
Acres Cleaned Up:	1
Cleanup Funding:	260287
Cleanup Funding Source:	Local Funding
Assessment Funding:	1
Assessment Funding Source:	Local Funding
Redevelopment Funding:	2651769
Redev. Funding Source:	Private/Other Funding
Redev. Funding Entity Name:	Deferred Developer Fee
Redevelopment Start Date:	07/05/2017 00:00:00
Assessment Funding Entity:	Emeryville Redevelopment Agency
Cleanup Funding Entity:	City of Emeryville
Grant Type:	Hazardous
Accomplishment Type:	Supplemental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	00T91101
Start Date:	09/01/2003 00:00:00
Ownership Entity:	Government
Completion Date:	12/01/2003 00:00:00
Current Owner:	City Emeryville
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	Y
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Y
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	Y
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

DRAFT

3706 SAN PABLO AVE (Continued) **1023618789**

Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	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:	1
Future use greenspace acreage:	Not reported
Future use residential acreage:	1
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

DRAFT

3706 SAN PABLO AVE (Continued) **1023618789**

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:	Building 1, located along San Pablo Avenue, may have been used as a machine shop, garage, cleaners, retail store, and jewelry manufacturer. Building 2 housed a bakery, a machine shop and an automobile service business. During a reconnaissance in 2009, SGI observed that Building 1 was divided into seven retail spaces and that Building 2 was not partitioned, except for several small rooms in its southwest corner. An underground storage tank (UST) and hydraulic hoist that were associated with Building 2 were removed in 2003. Building 3, which was parallel to West MacArthur Boulevard, contained a novelty machine repair shop and subsequently a water heater manufacturer.
Below Poverty Number:	1676
Below Poverty Percent:	21.4%
Meidan Income:	7876
Meidan Income Number:	3332
Meidan Income Percent:	42.6%
Vacant Housing Number:	697
Vacant Housing Percent:	15.8%
Unemployed Number:	564
Unemployed Percent:	7.2%

Property Name:	3706 SAN PABLO AVE
Recipient Name:	City of Emeryville
Grant Type:	Cleanup
Property Number:	049 0951-004-02; 049-0951-005-01; 049-0951-006-01; 049-0951-007 and 012-0951-011
Parcel size:	1
Latitude:	37.828093
Longitude:	-122.278539
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:	155501
IC Data Access:	<a target=_BLANK href=https://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T
Start Date:	08/15/2015 00:00:00
Redev Completition Date:	Not reported
Completed Date:	04/11/2016 00:00:00
Acres Cleaned Up:	1
Cleanup Funding:	199500

DRAFT

3706 SAN PABLO AVE (Continued) **1023618789**

Cleanup Funding Source:	US EPA - Brownfields Cleanup Cooperative Agreement
Assessment Funding:	29102
Assessment Funding Source:	Local Funding
Redevelopment Funding:	860000
Redev. Funding Source:	Other Federal Funding
Redev. Funding Entity Name:	Federal Home Loan Bank
Redevelopment Start Date:	07/05/2017 00:00:00
Assessment Funding Entity:	Emeryville Redevelopment Agency
Cleanup Funding Entity:	EPA
Grant Type:	Hazardous
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	00T91101
Start Date:	09/01/2010 00:00:00
Ownership Entity:	Government
Completion Date:	09/30/2010 00:00:00
Current Owner:	City Emeryville
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	Y
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Y
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	Y
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
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

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3706 SAN PABLO AVE (Continued) **1023618789**

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:	1
Future use greenspace acreage:	Not reported
Future use residential acreage:	1
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:	Building 1, located along San Pablo Avenue, may have been used as a machine shop, garage, cleaners, retail store, and jewelry manufacturer. Building 2 housed a bakery, a machine shop and an automobile service business. During a reconnaissance in 2009, SGI observed that Building 1 was divided into seven retail spaces and that Building 2 was not partitioned, except for several small rooms in its southwest corner. An underground storage tank (UST) and hydraulic

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3706 SAN PABLO AVE (Continued) **1023618789**

hoist that were associated with Building 2 were removed in 2003. Building 3, which was parallel to West MacArthur Boulevard, contained a novelty machine repair shop and subsequently a water heater manufacturer.

Below Poverty Number:	1676
Below Poverty Percent:	21.4%
Meidan Income:	7876
Meidan Income Number:	3332
Meidan Income Percent:	42.6%
Vacant Housing Number:	697
Vacant Housing Percent:	15.8%
Unemployed Number:	564
Unemployed Percent:	7.2%

Property Name:	3706 SAN PABLO AVE
Recipient Name:	City of Emeryville
Grant Type:	Cleanup
Property Number:	049 0951-004-02; 049-0951-005-01; 049-0951-006-01; 049-0951-007 and 012-0951-011
Parcel size:	1
Latitude:	37.828093
Longitude:	-122.278539
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:	155501
IC Data Access:	<a target=_BLANK href=https://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T
Start Date:	08/15/2015 00:00:00
Redev Completition Date:	Not reported
Completed Date:	04/11/2016 00:00:00
Acres Cleaned Up:	1
Cleanup Funding:	199500
Cleanup Funding Source:	US EPA - Brownfields Cleanup Cooperative Agreement
Assessment Funding:	29102
Assessment Funding Source:	Local Funding
Redevelopment Funding:	4500000
Redev. Funding Source:	Local Funding
Redev. Funding Entity Name:	Emeryville Loan
Redevelopment Start Date:	07/05/2017 00:00:00
Assessment Funding Entity:	Emeryville Redevelopment Agency
Cleanup Funding Entity:	EPA
Grant Type:	Hazardous
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	00T91101
Start Date:	09/01/2010 00:00:00
Ownership Entity:	Government
Completion Date:	09/30/2010 00:00:00
Current Owner:	City Emeryville
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	Y
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported

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3706 SAN PABLO AVE (Continued) **1023618789**

IC Cat. Gov. Controls:	Y
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	Y
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	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:	1
Future use greenspace acreage:	Not reported
Future use residential acreage:	1
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

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3706 SAN PABLO AVE (Continued) **1023618789**

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:	Building 1, located along San Pablo Avenue, may have been used as a machine shop, garage, cleaners, retail store, and jewelry manufacturer. Building 2 housed a bakery, a machine shop and an automobile service business. During a reconnaissance in 2009, SGI observed that Building 1 was divided into seven retail spaces and that Building 2 was not partitioned, except for several small rooms in its southwest corner. An underground storage tank (UST) and hydraulic hoist that were associated with Building 2 were removed in 2003. Building 3, which was parallel to West MacArthur Boulevard, contained a novelty machine repair shop and subsequently a water heater manufacturer.
Below Poverty Number:	1676
Below Poverty Percent:	21.4%
Meidan Income:	7876
Meidan Income Number:	3332
Meidan Income Percent:	42.6%
Vacant Housing Number:	697
Vacant Housing Percent:	15.8%
Unemployed Number:	564
Unemployed Percent:	7.2%
Property Name:	3706 SAN PABLO AVE
Recipient Name:	City of Emeryville
Grant Type:	Cleanup
Property Number:	049 0951-004-02; 049-0951-005-01; 049-0951-006-01; 049-0951-007 and 012-0951-011
Parcel size:	1
Latitude:	37.828093
Longitude:	-122.278539
HCM Label:	Address Matching-House Number
Map Scale:	Not reported
Point of Reference:	Entrance Point of a Facility or Station

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3706 SAN PABLO AVE (Continued) **1023618789**

Highlights:	Not reported
Datum:	North American Datum of 1983
Acres Property ID:	155501
IC Data Access:	<a target=_BLANK href=https://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T
Start Date:	08/15/2015 00:00:00
Redev Completition Date:	Not reported
Completed Date:	04/11/2016 00:00:00
Acres Cleaned Up:	1
Cleanup Funding:	199500
Cleanup Funding Source:	US EPA - Brownfields Cleanup Cooperative Agreement
Assessment Funding:	29102
Assessment Funding Source:	Local Funding
Redevelopment Funding:	12020000
Redev. Funding Source:	Private/Other Funding
Redev. Funding Entity Name:	Conventional First Mortgage
Redevelopment Start Date:	07/05/2017 00:00:00
Assessment Funding Entity:	Emeryville Redevelopment Agency
Cleanup Funding Entity:	EPA
Grant Type:	Hazardous
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	00T91101
Start Date:	09/01/2010 00:00:00
Ownership Entity:	Government
Completion Date:	09/30/2010 00:00:00
Current Owner:	City Emeryville
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	Y
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Y
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	Y
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
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

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3706 SAN PABLO AVE (Continued) **1023618789**

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:	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:	1
Future use greenspace acreage:	Not reported
Future use residential acreage:	1
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

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3706 SAN PABLO AVE (Continued) **1023618789**

Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Property Description:	Building 1, located along San Pablo Avenue, may have been used as a machine shop, garage, cleaners, retail store, and jewelry manufacturer. Building 2 housed a bakery, a machine shop and an automobile service business. During a reconnaissance in 2009, SGI observed that Building 1 was divided into seven retail spaces and that Building 2 was not partitioned, except for several small rooms in its southwest corner. An underground storage tank (UST) and hydraulic hoist that were associated with Building 2 were removed in 2003. Building 3, which was parallel to West MacArthur Boulevard, contained a novelty machine repair shop and subsequently a water heater manufacturer.
Below Poverty Number:	1676
Below Poverty Percent:	21.4%
Meidan Income:	7876
Meidan Income Number:	3332
Meidan Income Percent:	42.6%
Vacant Housing Number:	697
Vacant Housing Percent:	15.8%
Unemployed Number:	564
Unemployed Percent:	7.2%
Property Name:	3706 SAN PABLO AVE
Recipient Name:	City of Emeryville
Grant Type:	Cleanup
Property Number:	049 0951-004-02; 049-0951-005-01; 049-0951-006-01; 049-0951-007 and 012-0951-011
Parcel size:	1
Latitude:	37.828093
Longitude:	-122.278539
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:	155501
IC Data Access:	<a target=_BLANK href=https://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T
Start Date:	08/15/2015 00:00:00
Redev Completition Date:	Not reported
Completed Date:	04/11/2016 00:00:00
Acres Cleaned Up:	1
Cleanup Funding:	260287
Cleanup Funding Source:	Local Funding
Assessment Funding:	72000
Assessment Funding Source:	State/Tribal Funding (non-section 128(a))
Redevelopment Funding:	27458451
Redev. Funding Source:	Private/Other Funding
Redev. Funding Entity Name:	LP's Tax Credit Equity
Redevelopment Start Date:	07/05/2017 00:00:00
Assessment Funding Entity:	California Department of Toxic Substances Control
Cleanup Funding Entity:	City of Emeryville
Grant Type:	Hazardous
Accomplishment Type:	Supplemental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	00T91101
Start Date:	12/06/2011 00:00:00
Ownership Entity:	Government

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3706 SAN PABLO AVE (Continued) **1023618789**

Completion Date:	04/30/2012 00:00:00
Current Owner:	City Emeryville
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	Y
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Y
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	Y
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	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:	1
Future use greenspace acreage:	Not reported
Future use residential acreage:	1

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3706 SAN PABLO AVE (Continued) **1023618789**

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:	Building 1, located along San Pablo Avenue, may have been used as a machine shop, garage, cleaners, retail store, and jewelry manufacturer. Building 2 housed a bakery, a machine shop and an automobile service business. During a reconnaissance in 2009, SGI observed that Building 1 was divided into seven retail spaces and that Building 2 was not partitioned, except for several small rooms in its southwest corner. An underground storage tank (UST) and hydraulic hoist that were associated with Building 2 were removed in 2003. Building 3, which was parallel to West MacArthur Boulevard, contained a novelty machine repair shop and subsequently a water heater manufacturer.
Below Poverty Number:	1676
Below Poverty Percent:	21.4%
Meidan Income:	7876
Meidan Income Number:	3332
Meidan Income Percent:	42.6%
Vacant Housing Number:	697
Vacant Housing Percent:	15.8%
Unemployed Number:	564
Unemployed Percent:	7.2%
Property Name:	3706 SAN PABLO AVE

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3706 SAN PABLO AVE (Continued) **1023618789**

Recipient Name:	City of Emeryville
Grant Type:	Cleanup
Property Number:	049 0951-004-02; 049-0951-005-01; 049-0951-006-01; 049-0951-007 and 012-0951-011
Parcel size:	1
Latitude:	37.828093
Longitude:	-122.278539
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:	155501
IC Data Access:	<a target=_BLANK href=https://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T
Start Date:	08/15/2015 00:00:00
Redev Completition Date:	Not reported
Completed Date:	04/11/2016 00:00:00
Acres Cleaned Up:	1
Cleanup Funding:	260287
Cleanup Funding Source:	Local Funding
Assessment Funding:	72000
Assessment Funding Source:	State/Tribal Funding (non-section 128(a))
Redevelopment Funding:	2000000
Redev. Funding Source:	Private/Other Funding
Redev. Funding Entity Name:	GP Equity Contribution
Redevelopment Start Date:	07/05/2017 00:00:00
Assessment Funding Entity:	California Department of Toxic Substances Control
Cleanup Funding Entity:	City of Emeryville
Grant Type:	Hazardous
Accomplishment Type:	Supplemental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	00T91101
Start Date:	12/06/2011 00:00:00
Ownership Entity:	Government
Completion Date:	04/30/2012 00:00:00
Current Owner:	City Emeryville
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	Y
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Y
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	Y
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported

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3706 SAN PABLO AVE (Continued) **1023618789**

Groundwater affected:	Y
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	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:	1
Future use greenspace acreage:	Not reported
Future use residential acreage:	1
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

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3706 SAN PABLO AVE (Continued) **1023618789**

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:	Building 1, located along San Pablo Avenue, may have been used as a machine shop, garage, cleaners, retail store, and jewelry manufacturer. Building 2 housed a bakery, a machine shop and an automobile service business. During a reconnaissance in 2009, SGI observed that Building 1 was divided into seven retail spaces and that Building 2 was not partitioned, except for several small rooms in its southwest corner. An underground storage tank (UST) and hydraulic hoist that were associated with Building 2 were removed in 2003. Building 3, which was parallel to West MacArthur Boulevard, contained a novelty machine repair shop and subsequently a water heater manufacturer.
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Meidan Income:	7876
Meidan Income Number:	3332
Meidan Income Percent:	42.6%
Vacant Housing Number:	697
Vacant Housing Percent:	15.8%
Unemployed Number:	564
Unemployed Percent:	7.2%

Property Name:	3706 SAN PABLO AVE
Recipient Name:	City of Emeryville
Grant Type:	Cleanup
Property Number:	049 0951-004-02; 049-0951-005-01; 049-0951-006-01; 049-0951-007 and 012-0951-011
Parcel size:	1
Latitude:	37.828093
Longitude:	-122.278539
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:	155501
IC Data Access:	<a target=_BLANK href=https://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T
Start Date:	08/15/2015 00:00:00
Redev Completition Date:	Not reported
Completed Date:	04/11/2016 00:00:00
Acres Cleaned Up:	1
Cleanup Funding:	199500
Cleanup Funding Source:	US EPA - Brownfields Cleanup Cooperative Agreement
Assessment Funding:	72000
Assessment Funding Source:	State/Tribal Funding (non-section 128(a))
Redevelopment Funding:	7900000
Redev. Funding Source:	State/Tribal Funding (non-section 128(a))
Redev. Funding Entity Name:	AHSC and IIG

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3706 SAN PABLO AVE (Continued) **1023618789**

Redevelopment Start Date:	07/05/2017 00:00:00
Assessment Funding Entity:	California Department of Toxic Substances Control
Cleanup Funding Entity:	EPA
Grant Type:	Hazardous
Accomplishment Type:	Supplemental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	00T91101
Start Date:	12/06/2011 00:00:00
Ownership Entity:	Government
Completion Date:	04/30/2012 00:00:00
Current Owner:	City Emeryville
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	Y
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Y
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	Y
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Y
VOCs cleaned:	Not reported

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3706 SAN PABLO AVE (Continued) **1023618789**

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:	1
Future use greenspace acreage:	Not reported
Future use residential acreage:	1
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:	Building 1, located along San Pablo Avenue, may have been used as a machine shop, garage, cleaners, retail store, and jewelry manufacturer. Building 2 housed a bakery, a machine shop and an automobile service business. During a reconnaissance in 2009, SGI observed that Building 1 was divided into seven retail spaces and that Building 2 was not partitioned, except for several small rooms in its southwest corner. An underground storage tank (UST) and hydraulic hoist that were associated with Building 2 were removed in 2003. Building 3, which was parallel to West MacArthur Boulevard, contained a novelty machine repair shop and subsequently a water heater manufacturer.
Below Poverty Number:	1676
Below Poverty Percent:	21.4%

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3706 SAN PABLO AVE (Continued) **1023618789**

Meidan Income:	7876
Meidan Income Number:	3332
Meidan Income Percent:	42.6%
Vacant Housing Number:	697
Vacant Housing Percent:	15.8%
Unemployed Number:	564
Unemployed Percent:	7.2%

Property Name:	3706 SAN PABLO AVE
Recipient Name:	City of Emeryville
Grant Type:	Cleanup
Property Number:	049 0951-004-02; 049-0951-005-01; 049-0951-006-01; 049-0951-007 and 012-0951-011
Parcel size:	1
Latitude:	37.828093
Longitude:	-122.278539
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:	155501
IC Data Access:	<a target=_BLANK href=https://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T
Start Date:	08/15/2015 00:00:00
Redev Completition Date:	Not reported
Completed Date:	04/11/2016 00:00:00
Acres Cleaned Up:	1
Cleanup Funding:	199500
Cleanup Funding Source:	US EPA - Brownfields Cleanup Cooperative Agreement
Assessment Funding:	72000
Assessment Funding Source:	State/Tribal Funding (non-section 128(a))
Redevelopment Funding:	27458451
Redev. Funding Source:	Private/Other Funding
Redev. Funding Entity Name:	LP's Tax Credit Equity
Redevelopment Start Date:	07/05/2017 00:00:00
Assessment Funding Entity:	California Department of Toxic Substances Control
Cleanup Funding Entity:	EPA
Grant Type:	Hazardous
Accomplishment Type:	Supplemental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	00T91101
Start Date:	12/06/2011 00:00:00
Ownership Entity:	Government
Completion Date:	04/30/2012 00:00:00
Current Owner:	City Emeryville
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	Y
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Y
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	Y
State/tribal program date:	Not reported
State/tribal program ID:	Not reported

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3706 SAN PABLO AVE (Continued) **1023618789**

State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	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:	1
Future use greenspace acreage:	Not reported
Future use residential acreage:	1
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

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3706 SAN PABLO AVE (Continued) **1023618789**

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:	Building 1, located along San Pablo Avenue, may have been used as a machine shop, garage, cleaners, retail store, and jewelry manufacturer. Building 2 housed a bakery, a machine shop and an automobile service business. During a reconnaissance in 2009, SGI observed that Building 1 was divided into seven retail spaces and that Building 2 was not partitioned, except for several small rooms in its southwest corner. An underground storage tank (UST) and hydraulic hoist that were associated with Building 2 were removed in 2003. Building 3, which was parallel to West MacArthur Boulevard, contained a novelty machine repair shop and subsequently a water heater manufacturer.
Below Poverty Number:	1676
Below Poverty Percent:	21.4%
Meidan Income:	7876
Meidan Income Number:	3332
Meidan Income Percent:	42.6%
Vacant Housing Number:	697
Vacant Housing Percent:	15.8%
Unemployed Number:	564
Unemployed Percent:	7.2%

Property Name:	3706 SAN PABLO AVE
Recipient Name:	City of Emeryville
Grant Type:	Cleanup
Property Number:	049 0951-004-02; 049-0951-005-01; 049-0951-006-01; 049-0951-007 and 012-0951-011
Parcel size:	1
Latitude:	37.828093
Longitude:	-122.278539
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:	155501
IC Data Access:	<a target=_BLANK href=https://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T
Start Date:	08/15/2015 00:00:00
Redev Completition Date:	Not reported

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3706 SAN PABLO AVE (Continued) **1023618789**

Completed Date:	04/11/2016 00:00:00
Acres Cleaned Up:	1
Cleanup Funding:	199500
Cleanup Funding Source:	US EPA - Brownfields Cleanup Cooperative Agreement
Assessment Funding:	72000
Assessment Funding Source:	State/Tribal Funding (non-section 128(a))
Redevelopment Funding:	860000
Redev. Funding Source:	Other Federal Funding
Redev. Funding Entity Name:	Federal Home Loan Bank
Redevelopment Start Date:	07/05/2017 00:00:00
Assessment Funding Entity:	California Department of Toxic Substances Control
Cleanup Funding Entity:	EPA
Grant Type:	Hazardous
Accomplishment Type:	Supplemental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	00T91101
Start Date:	12/06/2011 00:00:00
Ownership Entity:	Government
Completion Date:	04/30/2012 00:00:00
Current Owner:	City Emeryville
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	Y
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Y
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	Y
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
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

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3706 SAN PABLO AVE (Continued) **1023618789**

Petro products found:	Not reported
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:	1
Future use greenspace acreage:	Not reported
Future use residential acreage:	1
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:	Building 1, located along San Pablo Avenue, may have been used as a machine shop, garage, cleaners, retail store, and jewelry manufacturer. Building 2 housed a bakery, a machine shop and an automobile service business. During a reconnaissance in 2009, SGI

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3706 SAN PABLO AVE (Continued) **1023618789**

observed that Building 1 was divided into seven retail spaces and that Building 2 was not partitioned, except for several small rooms in its southwest corner. An underground storage tank (UST) and hydraulic hoist that were associated with Building 2 were removed in 2003. Building 3, which was parallel to West MacArthur Boulevard, contained a novelty machine repair shop and subsequently a water heater manufacturer.

Below Poverty Number:	1676
Below Poverty Percent:	21.4%
Meidan Income:	7876
Meidan Income Number:	3332
Meidan Income Percent:	42.6%
Vacant Housing Number:	697
Vacant Housing Percent:	15.8%
Unemployed Number:	564
Unemployed Percent:	7.2%

Property Name:	3706 SAN PABLO AVE
Recipient Name:	City of Emeryville
Grant Type:	Cleanup
Property Number:	049 0951-004-02; 049-0951-005-01; 049-0951-006-01; 049-0951-007 and 012-0951-011
Parcel size:	1
Latitude:	37.828093
Longitude:	-122.278539
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:	155501
IC Data Access:	<a target=_BLANK href=https://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T
Start Date:	08/15/2015 00:00:00
Redev Completition Date:	Not reported
Completed Date:	04/11/2016 00:00:00
Acres Cleaned Up:	1
Cleanup Funding:	260287
Cleanup Funding Source:	Local Funding
Assessment Funding:	1
Assessment Funding Source:	Local Funding
Redevelopment Funding:	4250000
Redev. Funding Source:	Local Funding
Redev. Funding Entity Name:	Land Value
Redevelopment Start Date:	07/05/2017 00:00:00
Assessment Funding Entity:	Emeryville Redevelopment Agency
Cleanup Funding Entity:	City of Emeryville
Grant Type:	Hazardous
Accomplishment Type:	Supplemental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	00T91101
Start Date:	09/01/2003 00:00:00
Ownership Entity:	Government
Completion Date:	12/01/2003 00:00:00
Current Owner:	City Emeryville
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	Y

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3706 SAN PABLO AVE (Continued) **1023618789**

Institutional Controls Required:	Y
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Y
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	Y
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	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:	1
Future use greenspace acreage:	Not reported
Future use residential acreage:	1
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

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3706 SAN PABLO AVE (Continued) **1023618789**

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:	Building 1, located along San Pablo Avenue, may have been used as a machine shop, garage, cleaners, retail store, and jewelry manufacturer. Building 2 housed a bakery, a machine shop and an automobile service business. During a reconnaissance in 2009, SGI observed that Building 1 was divided into seven retail spaces and that Building 2 was not partitioned, except for several small rooms in its southwest corner. An underground storage tank (UST) and hydraulic hoist that were associated with Building 2 were removed in 2003. Building 3, which was parallel to West MacArthur Boulevard, contained a novelty machine repair shop and subsequently a water heater manufacturer.
Below Poverty Number:	1676
Below Poverty Percent:	21.4%
Meidan Income:	7876
Meidan Income Number:	3332
Meidan Income Percent:	42.6%
Vacant Housing Number:	697
Vacant Housing Percent:	15.8%
Unemployed Number:	564
Unemployed Percent:	7.2%

Click this hyperlink while viewing on your computer to access
100 additional US BROWNFIELDS: record(s) in the EDR Site Report.

Property Name:	3706 SAN PABLO AVE
Recipient Name:	City of Emeryville
Grant Type:	Cleanup
Property Number:	049 0951-004-02; 049-0951-005-01; 049-0951-006-01; 049-0951-007 and 012-0951-011

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3706 SAN PABLO AVE (Continued) **1023618789**

Parcel size:	1
Latitude:	37.828093
Longitude:	-122.278539
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:	155501
IC Data Access:	<a target=_BLANK href=https://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T
Start Date:	08/15/2015 00:00:00
Redev Completition Date:	Not reported
Completed Date:	04/11/2016 00:00:00
Acres Cleaned Up:	1
Cleanup Funding:	199500
Cleanup Funding Source:	US EPA - Brownfields Cleanup Cooperative Agreement
Assessment Funding:	1
Assessment Funding Source:	Local Funding
Redevelopment Funding:	2000000
Redev. Funding Source:	Local Funding
Redev. Funding Entity Name:	Oakland Loan
Redevelopment Start Date:	07/05/2017 00:00:00
Assessment Funding Entity:	Emeryville Redevelopment Agency
Cleanup Funding Entity:	EPA
Grant Type:	Hazardous
Accomplishment Type:	Supplemental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	00T91101
Start Date:	09/01/2003 00:00:00
Ownership Entity:	Government
Completion Date:	12/01/2003 00:00:00
Current Owner:	City Emeryville
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	Y
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Y
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	Y
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported

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3706 SAN PABLO AVE (Continued) **1023618789**

Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	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:	1
Future use greenspace acreage:	Not reported
Future use residential acreage:	1
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

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3706 SAN PABLO AVE (Continued) **1023618789**

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:	Building 1, located along San Pablo Avenue, may have been used as a machine shop, garage, cleaners, retail store, and jewelry manufacturer. Building 2 housed a bakery, a machine shop and an automobile service business. During a reconnaissance in 2009, SGI observed that Building 1 was divided into seven retail spaces and that Building 2 was not partitioned, except for several small rooms in its southwest corner. An underground storage tank (UST) and hydraulic hoist that were associated with Building 2 were removed in 2003. Building 3, which was parallel to West MacArthur Boulevard, contained a novelty machine repair shop and subsequently a water heater manufacturer.
Below Poverty Number:	1676
Below Poverty Percent:	21.4%
Meidan Income:	7876
Meidan Income Number:	3332
Meidan Income Percent:	42.6%
Vacant Housing Number:	697
Vacant Housing Percent:	15.8%
Unemployed Number:	564
Unemployed Percent:	7.2%

Click this hyperlink while viewing on your computer to access
100 additional US BROWNFIELDS: record(s) in the EDR Site Report.

H56 **3706 SAN PABLO** **CPS-SLIC** **S113778492**
NNE **3706 SAN PABLO** **HAZNET** **N/A**
< 1/8 **EMERYVILLE, CA 94608** **NPDES**
0.110 mi. **CIWQS**
583 ft. **Site 7 of 10 in cluster H** **CERS**

Relative:
Higher

Actual:
38 ft.

CPS-SLIC:

Region:	STATE
Facility Status:	**Open - Site Assessment**
Status Date:	12/29/2016
Global Id:	T10000009021
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number:	Not reported
Latitude:	37.82809
Longitude:	-122.27853
Case Type:	Cleanup Program Site
Case Worker:	MEJ
Local Agency:	Not reported
RB Case Number:	01S0774
File Location:	All Files are on GeoTracker or in the Local Agency Database
Potential Media Affected:	Other Groundwater (uses other than drinking water), Soil Vapor
Potential Contaminants of Concern:	Trichloroethylene (TCE)
Site History:	Development of the Subject Property started as early as 1902. The western two commercial buildings were built sometime prior to 1931, while the third commercial building was built between 1946 and 1951. Businesses that have occupied the three commercial buildings include

DRAFT

3706 SAN PABLO (Continued) **S113778492**

auto repair services, a machine shop and water heater manufacturing. It is known that a hydraulic hoist and a 700-gallon gasoline UST were removed from the Subject Property in 2003. Their respective installation dates are unknown.

Click here to access the California GeoTracker records for this facility:

HAZNET:

envid:	S113778492
Year:	2015
GEPAID:	CAC002830466
Contact:	MICHAEL ROBERTS
Telephone:	5105964333
Mailing Name:	Not reported
Mailing Address:	1333 PARK AVE
Mailing City,St,Zip:	EMERYVILLE, CA 946083517
Gen County:	Alameda
TSD EPA ID:	NVT330010000
TSD County:	99
Waste Category:	Other inorganic solid waste
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.125
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Alameda

envid:	S113778492
Year:	2012
GEPAID:	CAC002692061
Contact:	MIKE ROBERTS
Telephone:	5105964333
Mailing Name:	Not reported
Mailing Address:	1333 PARK AVE
Mailing City,St,Zip:	EMERYVILLE, CA 94608
Gen County:	Alameda
TSD EPA ID:	NVT330010000
TSD County:	99
Waste Category:	Not reported
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.15
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Alameda

NPDES:

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 01C378991
Regulatory Measure Type:	Construction

DRAFT

3706 SAN PABLO (Continued) **S113778492**

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:	02/21/2017
Operator Name:	EAH Inc
Operator Address:	2169 E Francisco Blvd
Operator City:	San Rafael
Operator State:	California
Operator Zip:	94901

NPDES as of 03/2018:

NPDES Number:	CAS000002
Status:	Active
Agency Number:	0
Region:	2
Regulatory Measure ID:	483615
Order Number:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 01C378991
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	02/21/2017
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	EAH Inc
Discharge Address:	2169 E Francisco Blvd
Discharge City:	San Rafael
Discharge State:	California
Discharge Zip:	94901
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

DRAFT

3706 SAN PABLO (Continued) **S113778492**

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

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	483615
Order Number:	Not reported
Regulatory Measure Type:	Construction
Place ID:	Not reported
WDID:	2 01C378991
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:	02/15/2017

DRAFT

3706 SAN PABLO (Continued) **S113778492**

Processed Date:	02/21/2017
Status:	Active
Status Date:	02/21/2017
Place Size:	1
Place Size Unit:	Acres
Contact:	Welton Jordan
Contact Title:	Area Director
Contact Phone:	415-295-8876
Contact Phone Ext:	Not reported
Contact Email:	welton.jordan@eahhousing.org
Operator Name:	EAH Inc
Operator Address:	2169 E Francisco Blvd
Operator City:	San Rafael
Operator State:	California
Operator Zip:	94901
Operator Contact:	Welton Jordan
Operator Contact Title:	Area Director
Operator Contact Phone:	415-295-8876
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	welton.jordan@eahhousing.org
Operator Type:	Private Business
Developer:	EAH Inc
Developer Address:	2169 E Francisco Blvd
Developer City:	San Rafael
Developer State:	California
Developer Zip:	94901
Developer Contact:	Welton Jordan
Developer Contact Title:	Area Director
Constype Linear Utility Ind:	N
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	N
Constype Below Ground Ind:	N
Constype Cable Line Ind:	N
Constype Comm Line Ind:	N
Constype Commertial Ind:	N
Constype Electrical Line Ind:	N
Constype Gas Line Ind:	N
Constype Industrial Ind:	N
Constype Other Description:	Not reported
Constype Other Ind:	N
Constype Recons Ind:	N
Constype Residential Ind:	Y
Constype Transport Ind:	N
Constype Utility Description:	Not reported
Constype Utility Ind:	N
Constype Water Sewer Ind:	N
Dir Discharge Uswater Ind:	N
Receiving Water Name:	Not reported
Certifier:	Welton Jordan
Certifier Title:	Area Director
Certification Date:	15-FEB-17
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

DRAFT

3706 SAN PABLO (Continued) **S113778492**

Facility Status:	Active
NPDES Number:	CAS000002
Region:	2
Agency Number:	0
Regulatory Measure ID:	483615
Place ID:	Not reported
Order Number:	2009-0009-DWQ
WDID:	2 01C378991
Regulatory Measure Type:	Enrollee
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	02/21/2017
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	2169 E Francisco Blvd
Discharge Name:	EAH Inc
Discharge City:	San Rafael
Discharge State:	California
Discharge Zip:	94901
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:	CAS000002
Status:	Active
Agency Number:	0
Region:	2
Regulatory Measure ID:	483615
Order Number:	2009-0009-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 01C378991
Program Type:	Construction
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	02/21/2017
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	EAH Inc
Discharge Address:	2169 E Francisco Blvd
Discharge City:	San Rafael
Discharge State:	California
Discharge Zip:	94901
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

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3706 SAN PABLO (Continued) **S113778492**

Operator Name:	Not reported
Operator Address:	Not reported
Operator City:	Not reported
Operator State:	Not reported
Operator Zip:	Not reported
Operator Contact:	Not reported
Operator Contact Title:	Not reported
Operator Contact Phone:	Not reported
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	Not reported
Operator Type:	Not reported
Developer:	Not reported
Developer Address:	Not reported
Developer City:	Not reported
Developer State:	Not reported
Developer Zip:	Not reported
Developer Contact:	Not reported
Developer Contact Title:	Not reported
Constype Linear Utility Ind:	Not reported
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	Not reported
Receiving Water Name:	Not reported
Certifier:	Not reported
Certifier Title:	Not reported
Certification Date:	Not reported
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	483615
Order Number:	Not reported
Regulatory Measure Type:	Construction
Place ID:	Not reported
WDID:	2 01C378991
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported

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3706 SAN PABLO (Continued) **S113778492**

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:	02/15/2017
Processed Date:	02/21/2017
Status:	Active
Status Date:	02/21/2017
Place Size:	1
Place Size Unit:	Acres
Contact:	Welton Jordan
Contact Title:	Area Director
Contact Phone:	415-295-8876
Contact Phone Ext:	Not reported
Contact Email:	welton.jordan@eahhousing.org
Operator Name:	EAH Inc
Operator Address:	2169 E Francisco Blvd
Operator City:	San Rafael
Operator State:	California
Operator Zip:	94901
Operator Contact:	Welton Jordan
Operator Contact Title:	Area Director
Operator Contact Phone:	415-295-8876
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	welton.jordan@eahhousing.org
Operator Type:	Private Business
Developer:	EAH Inc
Developer Address:	2169 E Francisco Blvd
Developer City:	San Rafael
Developer State:	California
Developer Zip:	94901
Developer Contact:	Welton Jordan
Developer Contact Title:	Area Director
Constype Linear Utility Ind:	N
Emergency Phone:	Not reported
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	N
Constype Below Ground Ind:	N
Constype Cable Line Ind:	N
Constype Comm Line Ind:	N
Constype Commertial Ind:	N
Constype Electrical Line Ind:	N
Constype Gas Line Ind:	N
Constype Industrial Ind:	N
Constype Other Description:	Not reported
Constype Other Ind:	N
Constype Recons Ind:	N
Constype Residential Ind:	Y
Constype Transport Ind:	N
Constype Utility Description:	Not reported
Constype Utility Ind:	N
Constype Water Sewer Ind:	N
Dir Discharge Uswater Ind:	N

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3706 SAN PABLO (Continued) **S113778492**

Receiving Water Name:	Not reported
Certifier:	Welton Jordan
Certifier Title:	Area Director
Certification Date:	15-FEB-17
Primary Sic:	Not reported
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Agency:	EAH Inc
Agency Address:	2169 E Francisco Blvd, San Rafael, CA 94901
Place/Project Type:	Construction - Residential
SIC/NAICS:	Not reported
Region:	2
Program:	CONSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	2 01C378991
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	02/21/2017
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:	37.82809
Longitude:	-122.27854

CERS TANKS:

Site ID:	371916
CERS ID:	T10000009021
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

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F57 West < 1/8 0.114 mi. 604 ft. — **OAKLAND OVERALL LAUNDRY**, **3423 HARLAN ST**, **OAKLAND, CA** — **EDR Hist Cleaner** — **1009139929** / **N/A**

Site 5 of 5 in cluster F

Relative: Lower
Actual: 25 ft.

EDR Hist Cleaner

Year:	Name:	Type:
1933	OAKLAND OVERALL LAUNDRY	LAUNDRIES-STEAM
1943	OAKLAND OVERALL LAUNDRY	LAUNDRIES-STEAM

J58 SE < 1/8 0.116 mi. 610 ft. — **MC NEIL & SHEPHERD**, **3324 SAN PABLO AVE**, **OAKLAND, CA** — **EDR Hist Auto** — **1009012080** / **N/A**

Site 1 of 2 in cluster J

Relative: Higher
Actual: 33 ft.

EDR Hist Auto

Year:	Name:	Type:
1925	MC NEIL & SHEPHERD	AUTOMOBILE SERVICE STATIONS

H59 NNE 1/8-1/4 0.127 mi. 672 ft. — **SCOTT PROPERTY**, **1043 W MACARTHUR BLVD**, **EMERYVILLE, CA 94608** — **Alameda County CS** — **S105088670** / **N/A**

Site 8 of 10 in cluster H

Relative: Higher
Actual: 38 ft.

Alameda County CS:

Status:	Case Closed
Record Id:	RO0002594
PE:	5602
Facility Status:	Case Closed
Latitude:	37.828266126
Longitude:	-122.27869473

H60 NNE 1/8-1/4 0.127 mi. 672 ft. — **SCOTT PROPERTY**, **1043 MACARTHUR**, **EMERYVILLE, CA 94608** — **LUST** **CERS** — **S106162781** / **N/A**

Site 9 of 10 in cluster H

Relative: Higher
Actual: 38 ft.

LUST:

Lead Agency:	ALAMEDA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600102840
Global Id:	T0600102840
Latitude:	37.828401
Longitude:	-122.278642
Status:	Completed - Case Closed
Status Date:	02/25/2004
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:	RO0002594

DRAFT

SCOTT PROPERTY (Continued) **S106162781**

Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0600102840
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: T0600102840
Action Type: Other
Date: 09/24/2003
Action: Leak Stopped

Global Id: T0600102840
Action Type: Other
Date: 09/24/2003
Action: Leak Reported

Global Id: T0600102840
Action Type: Other
Date: 09/24/2003
Action: Leak Discovery

Global Id: T0600102840
Action Type: REMEDIATION
Date: 09/09/9999
Action: Not reported

LUST:
Global Id: T0600102840
Status: Open - Case Begin Date
Status Date: 09/24/2003

Global Id: T0600102840
Status: Completed - Case Closed
Status Date: 02/25/2004

LUST REG 2:
Region: 2
Facility Id: Not reported
Facility Status: Preliminary site assessment underway
Case Number: RO0002594
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported

DRAFT

SCOTT PROPERTY (Continued) **S106162781**

Preliminary Site Assesment Began: 11/4/2003
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

CERS TANKS:
Site ID: 225813
CERS ID: T0600102840
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

H61 **BAY AREA AUTOBODY** **RCRA-SQG** **1000103350**
NNE **1043 W MACARTHUR BLVD** **FINDS** **CAD981999915**
1/8-1/4 **EMERYVILLE, CA 94608** **ECHO**
0.127 mi.
672 ft. **Site 10 of 10 in cluster H**

Relative:
Higher

Actual:
38 ft.

RCRA-SQG:
Date form received by agency: 03/08/1999
Facility name: BAY AREA AUTOBODY
Facility address: 1043 W MACARTHUR BLVD
EMERYVILLE, CA 94608
EPA ID: CAD981999915
Contact: PHELICE LAMPKIN
Contact address: 1043 W MACARTHUR BLVD
EMERYVILLE, CA 94608
Contact country: US
Contact telephone: 510-655-6136
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: 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

DRAFT

BAY AREA AUTOBODY (Continued) **1000103350**

Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: PHELICE LAMPKIN
Owner/operator address: 1043 W MACARTHUR BLVD
EMERYVILLE, CA 94608
Owner/operator country: Not reported
Owner/operator telephone: 510-655-6136
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

. 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.

Violation Status: No violations found

FINDS:

Registry ID: 110009541790

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and

DRAFT

BAY AREA AUTOBODY (Continued) **1000103350**

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:	1000103350
Registry ID:	110009541790
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110009541790

J62 **FORMER FG GASOLINE** **LUST** **U002244474**
SE **3314 SAN PABLO AVE.** **Alameda County CS** **N/A**
1/8-1/4 **OAKLAND, CA 94608** **HIST CORTESE**
0.129 mi. **CERS**
680 ft. **Site 2 of 2 in cluster J**

Relative:
Higher

Actual:
34 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=T0600102132
Global Id:	T0600102132
Latitude:	37.8245821255098
Longitude:	-122.277510166168
Status:	Completed - Case Closed
Status Date:	04/10/2017
Case Worker:	REL
RB Case Number:	01-2318
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:	Benzene, Gasoline
Site History:	February 29, through March 1, 1996 four gasoline USTs (one 8,000 gallon, one 6,000 gallon and Two 4,000 gallon) were removed from the site. The maximum concentrations in soil were 8,000 mg/kg TPHg and 4 mg/kg benzene. Grab groundwater was 46,000 a%g/L TPHg and 440a%g/L benzene. Soil removed from the tank pit was placed back in the excavation with no treatment. A work plan was subsequently submitted and approved but was not implemented. On the Project Information screen, add this phrase to the Staff Notes and Site History: Not all historic documents for the fuel leak case may be available on GeoTracker. A more complete historical 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:	T0600102132
Contact Type:	Regional Board Caseworker
Contact Name:	RALPH LAMBERT
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY ST. SUITE 1500
City:	OAKLAND
Email:	ralambert@waterboards.ca.gov
Phone Number:	Not reported

LUST:

DRAFT

FORMER FG GASOLINE (Continued) **U002244474**

Global Id: T0600102132
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Staff Letter - #20090724

Global Id: T0600102132
Action Type: RESPONSE
Date: 03/17/2011
Action: Electronic Reporting Submittal Due

Global Id: T0600102132
Action Type: RESPONSE
Date: 06/26/2012
Action: Other Report / Document

Global Id: T0600102132
Action Type: ENFORCEMENT
Date: 09/30/2014
Action: Site Visit / Inspection / Sampling

Global Id: T0600102132
Action Type: RESPONSE
Date: 08/10/2009
Action: Electronic Reporting Submittal Due

Global Id: T0600102132
Action Type: RESPONSE
Date: 04/30/2013
Action: Site Assessment Report

Global Id: T0600102132
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Notice of Violation - #20090724

Global Id: T0600102132
Action Type: ENFORCEMENT
Date: 02/14/2011
Action: Notice of Violation - #20110214

Global Id: T0600102132
Action Type: RESPONSE
Date: 11/29/2012
Action: Soil and Water Investigation Workplan

Global Id: T0600102132
Action Type: ENFORCEMENT
Date: 07/16/2013
Action: 13267 Requirement

Global Id: T0600102132
Action Type: ENFORCEMENT
Date: 12/06/2012
Action: Staff Letter

Global Id: T0600102132
Action Type: ENFORCEMENT

DRAFT

FORMER FG GASOLINE (Continued) **U002244474**

Date: 01/16/2013
Action: File Review - Closure

Global Id: T0600102132
Action Type: ENFORCEMENT
Date: 08/30/1990
Action: Staff Letter

Global Id: T0600102132
Action Type: RESPONSE
Date: 05/28/2013
Action: Other Report / Document

Global Id: T0600102132
Action Type: ENFORCEMENT
Date: 09/12/2013
Action: 13267 Requirement

Global Id: T0600102132
Action Type: Other
Date: 02/29/1996
Action: Leak Discovery

Global Id: T0600102132
Action Type: RESPONSE
Date: 03/31/2014
Action: Interim Remedial Action Report

Global Id: T0600102132
Action Type: REMEDIATION
Date: 02/29/1996
Action: Excavation

Global Id: T0600102132
Action Type: RESPONSE
Date: 08/16/2013
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0600102132
Action Type: RESPONSE
Date: 03/19/1996
Action: Tank Removal Report / UST Sampling Report

Global Id: T0600102132
Action Type: ENFORCEMENT
Date: 12/24/2013
Action: 13267 Requirement

Global Id: T0600102132
Action Type: ENFORCEMENT
Date: 01/06/2017
Action: 13267 Requirement

Global Id: T0600102132
Action Type: RESPONSE
Date: 06/16/2016
Action: Request for Closure - Regulator Responded

DRAFT

FORMER FG GASOLINE (Continued) **U002244474**

Global Id: T0600102132
Action Type: RESPONSE
Date: 12/04/2012
Action: Email Correspondence

Global Id: T0600102132
Action Type: RESPONSE
Date: 05/16/1996
Action: Soil and Water Investigation Workplan

Global Id: T0600102132
Action Type: RESPONSE
Date: 12/18/1994
Action: Correspondence

Global Id: T0600102132
Action Type: RESPONSE
Date: 06/27/2000
Action: Soil and Water Investigation Workplan

Global Id: T0600102132
Action Type: ENFORCEMENT
Date: 11/06/2012
Action: Site Visit / Inspection / Sampling

Global Id: T0600102132
Action Type: ENFORCEMENT
Date: 03/12/2013
Action: 13267 Requirement

Global Id: T0600102132
Action Type: Other
Date: 02/29/1996
Action: Leak Reported

Global Id: T0600102132
Action Type: RESPONSE
Date: 09/17/1999
Action: Soil and Water Investigation Workplan

Global Id: T0600102132
Action Type: ENFORCEMENT
Date: 07/03/2008
Action: Staff Letter - #20080703

Global Id: T0600102132
Action Type: ENFORCEMENT
Date: 03/02/2012
Action: Staff Letter - #20120302

Global Id: T0600102132
Action Type: ENFORCEMENT
Date: 04/10/2017
Action: Closure/No Further Action Letter

Global Id: T0600102132
Action Type: ENFORCEMENT

DRAFT

FORMER FG GASOLINE (Continued) **U002244474**

Date: 04/12/2017
Action: Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id: T0600102132
Action Type: ENFORCEMENT
Date: 02/24/2014
Action: Staff Letter

Global Id: T0600102132
Action Type: RESPONSE
Date: 03/30/2017
Action: Well Destruction Report

Global Id: T0600102132
Action Type: ENFORCEMENT
Date: 06/11/2013
Action: 13267 Requirement

Global Id: T0600102132
Action Type: ENFORCEMENT
Date: 03/22/2012
Action: Referral to Regional Board - #20120322

Global Id: T0600102132
Action Type: ENFORCEMENT
Date: 11/02/2016
Action: Notification - Public Notice of Case Closure

LUST:
Global Id: T0600102132
Status: Open - Case Begin Date
Status Date: 02/29/1996

Global Id: T0600102132
Status: Open - Site Assessment
Status Date: 03/04/1996

Global Id: T0600102132
Status: Open - Site Assessment
Status Date: 06/27/2000

Global Id: T0600102132
Status: Open - Remediation
Status Date: 07/16/2014

Global Id: T0600102132
Status: Open - Verification Monitoring
Status Date: 01/20/2016

Global Id: T0600102132
Status: Open - Eligible for Closure
Status Date: 11/01/2016

Global Id: T0600102132
Status: Completed - Case Closed
Status Date: 04/10/2017

DRAFT

FORMER FG GASOLINE (Continued) **U002244474**

LUST REG 2:

Region:	2
Facility Id:	01-2318
Facility Status:	Leak being confirmed
Case Number:	810
How Discovered:	Tank Closure
Leak Cause:	Structure Failure
Leak Source:	Tank
Date Leak Confirmed:	3/20/1998
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

Alameda County CS:

Status:	Preliminary Site Assessment Workplan Submitted
Record Id:	RO0000131
PE:	5602
Facility Status:	Preliminary Site Assessment Workplan Submitted
Latitude:	37.824639254
Longitude:	-122.27763294

Status:	Preliminary Site Assessment Workplan Submitted
Record Id:	RO0000131
PE:	5602
Facility Status:	Preliminary Site Assessment Workplan Submitted
Latitude:	37.824639254
Longitude:	-122.27763294

Status:	Preliminary Site Assessment Workplan Submitted
Record Id:	RO0000131
PE:	5602
Facility Status:	Preliminary Site Assessment Workplan Submitted
Latitude:	37.824639254
Longitude:	-122.27763294

HIST CORTESE:

Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-2318

CERS TANKS:

Site ID:	218926
CERS ID:	T0600102132
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	RALPH LAMBERT - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title:	Not reported
Affiliation Address:	1515 CLAY ST. SUITE 1500
Affiliation City:	OAKLAND

DRAFT

FORMER FG GASOLINE (Continued) **U002244474**

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

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63 WNW 1/8-1/4 0.139 mi. 734 ft. | **CITY WOOD 3423 HARLAN ST OAKLAND, CA 94608** | **LUST Alameda County CS HIST CORTESE CERS** | **S102428103 N/A**

Relative: Lower
Actual: 24 ft.

LUST:
Lead Agency: ALAMEDA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100168
Global Id: T0600100168
Latitude: 37.826708
Longitude: -122.28243
Status: Completed - Case Closed
Status Date: 02/15/1995
Case Worker: Not reported
RB Case Number: 01-0181
Local Agency: Not reported
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: RO0001184
Potential Media Affect: Soil
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

LUST:
Global Id: T0600100168
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: T0600100168
Action Type: Other
Date: 08/10/1988
Action: Leak Reported

Global Id: T0600100168
Action Type: REMEDIATION
Date: 09/09/9999
Action: Not reported

LUST:
Global Id: T0600100168
Status: Open - Case Begin Date
Status Date: 07/15/1988

Global Id: T0600100168

DRAFT

CITY WOOD (Continued) **S102428103**

Status: Completed - Case Closed
Status Date: 02/15/1995

LUST REG 2:
Region: 2
Facility Id: 01-0181
Facility Status: Case Closed
Case Number: 3772
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: 3/23/1992
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

Alameda County CS:
Status: Case Closed
Record Id: RO0001184
PE: 5602
Facility Status: Case Closed
Latitude: 37.826513457
Longitude: -122.28216591

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-0181

CERS TANKS:
Site ID: 191275
CERS ID: T0600100168
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

DRAFT

K64 NNE 1/8-1/4 0.171 mi. 903 ft. | **BLAZIC INDUSTRIAL BALANCING** | **Alameda County CS** | **S106880547** | **N/A**
1016 W MACARTHUR BLVD
OAKLAND, CA 94608

Site 1 of 3 in cluster K

Relative: Higher

Actual: 42 ft.

Alameda County CS:

Status:	Case Closed
Record Id:	RO0000985
PE:	5602
Facility Status:	Case Closed
Latitude:	37.828741412
Longitude:	-122.27804838

K65 NNE 1/8-1/4 0.171 mi. 903 ft. | **BLAZIC INDUSTRIAL BALANCING** | **SWEEPS UST** | **S106923385** | **N/A**
1016 W MCARTHUR BLVD
OAKLAND, CA 94608

Site 2 of 3 in cluster K

Relative: Higher

Actual: 42 ft.

SWEEPS UST:

Status:	Not reported
Comp Number:	7801
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:	01-000-007801-000001
Tank Status:	Not reported
Capacity:	750
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	LEADED
Number Of Tanks:	3

Status:	Not reported
Comp Number:	7801
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:	01-000-007801-000002
Tank Status:	Not reported
Capacity:	750
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	LEADED
Number Of Tanks:	Not reported

Status:	Not reported
Comp Number:	7801
Number:	Not reported
Board Of Equalization:	Not reported
Referral Date:	Not reported

DRAFT

BLAZIC INDUSTRIAL BALANCING (Continued) **S106923385**

Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	01-000-007801-000003
Tank Status:	Not reported
Capacity:	750
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	LEADED
Number Of Tanks:	Not reported

L66 **3800 SAN PABLO AVENUE** **CPS-SLIC** **S119777524**
NNE **3800 SAN PABLO AVENUE** **CERS** **N/A**
1/8-1/4 **OAKLAND / EMERYVILLE, CA 94608**
0.175 mi.
925 ft. **Site 1 of 6 in cluster L**

Relative:
Higher

Actual:
40 ft.

CPS-SLIC:

Region:	STATE
Facility Status:	**Open - Remediation**
Status Date:	01/24/2017
Global Id:	T10000010062
Lead Agency:	ALAMEDA COUNTY LOP
Lead Agency Case Number:	RO0003237
Latitude:	37.82875
Longitude:	-122.27888
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:	Indoor Air, Soil Vapor
Potential Contaminants of Concern:	Heating Oil / Fuel Oil, Methane
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

CERS TANKS:

Site ID:	416878
CERS ID:	T10000010062
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

DRAFT

L67 NNE 1/8-1/4 0.175 mi. 925 ft. | **OAKLAND TRUCK CENTER (FORMERLY 3800 SAN PABLO AVE OAKLAND, CA 94608** | **LUST Alameda County CS HIST UST CERS** | **U001599299 N/A**

Site 2 of 6 in cluster L

Relative: Higher

Actual: 40 ft.

LUST:

Lead Agency:	ALAMEDA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T06019788682
Global Id:	T06019788682
Latitude:	37.8291137902367
Longitude:	-122.278912961483
Status:	Open - Verification Monitoring
Status Date:	06/08/2017
Case Worker:	MD
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:	RO0002520
Potential Media Affect:	Other Groundwater (uses other than drinking water), Soil, Soil Vapor, Under Investigation
Potential Contaminants of Concern:	Gasoline, Heating Oil / Fuel Oil
Site History:	Two USTs (550- and 1,000-gallon) were removed in May 2002; presumed to have been used for heating oil. Seven Geoprobe soil bores were installed in May 2007. Trace concentrations were detected in soil; however, TPHg and BTEX compounds were encountered in the grab groundwater samples at concentrations of concern. Removal records (1981) for two additional 1,000-gallon USTs and two dispensers were thereafter uncovered; however, the exact locations are unknown, but are presumed to be in the parking lot to the rear of the building. Groundwater flow appears to be directly beneath the site building; additional work, including a vapor intrusion survey, is pending.

LUST:

Global Id:	T06019788682
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

LUST:

Global Id:	T06019788682
Action Type:	ENFORCEMENT
Date:	07/24/2009
Action:	Staff Letter - #20090724
Global Id:	T06019788682
Action Type:	Other
Date:	05/02/2002
Action:	Leak Stopped
Global Id:	T06019788682
Action Type:	ENFORCEMENT
Date:	07/18/2014
Action:	Staff Letter - #20140718

DRAFT

OAKLAND TRUCK CENTER (FORMERLY (Continued) **U001599299**

Global Id: T06019788682
Action Type: ENFORCEMENT
Date: 06/27/2014
Action: Staff Letter - #20140627

Global Id: T06019788682
Action Type: ENFORCEMENT
Date: 07/22/2015
Action: Staff Letter - #20150722

Global Id: T06019788682
Action Type: ENFORCEMENT
Date: 01/30/2009
Action: Staff Letter - #20090130

Global Id: T06019788682
Action Type: ENFORCEMENT
Date: 07/05/2016
Action: Staff Letter - #20160705

Global Id: T06019788682
Action Type: ENFORCEMENT
Date: 03/14/2016
Action: Staff Letter - #20160314

Global Id: T06019788682
Action Type: RESPONSE
Date: 02/01/2013
Action: Monitoring Report - Quarterly

Global Id: T06019788682
Action Type: RESPONSE
Date: 12/14/2012
Action: Soil and Water Investigation Workplan - Addendum

Global Id: T06019788682
Action Type: RESPONSE
Date: 05/10/2013
Action: Monitoring Report - Quarterly

Global Id: T06019788682
Action Type: RESPONSE
Date: 02/08/2013
Action: Soil and Water Investigation Report

Global Id: T06019788682
Action Type: ENFORCEMENT
Date: 12/01/2014
Action: Staff Letter - #20141201

Global Id: T06019788682
Action Type: ENFORCEMENT
Date: 04/05/2012
Action: Staff Letter - #20120405

Global Id: T06019788682
Action Type: RESPONSE

DRAFT

OAKLAND TRUCK CENTER (FORMERLY (Continued) **U001599299**

Date: 10/29/2018
Action: Monitoring Report - Semi-Annually

Global Id: T06019788682
Action Type: RESPONSE
Date: 04/09/2018
Action: Monitoring Report - Semi-Annually

Global Id: T06019788682
Action Type: RESPONSE
Date: 03/09/2018
Action: Soil and Water Investigation Workplan

Global Id: T06019788682
Action Type: RESPONSE
Date: 01/13/2012
Action: Soil and Water Investigation Workplan - Addendum

Global Id: T06019788682
Action Type: RESPONSE
Date: 09/01/2017
Action: Monitoring Report - Semi-Annually

Global Id: T06019788682
Action Type: ENFORCEMENT
Date: 11/28/2011
Action: Staff Letter - #20111128

Global Id: T06019788682
Action Type: ENFORCEMENT
Date: 01/16/2014
Action: Meeting - #20140116

Global Id: T06019788682
Action Type: ENFORCEMENT
Date: 12/17/2015
Action: Staff Letter - #20151217

Global Id: T06019788682
Action Type: RESPONSE
Date: 05/12/2014
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T06019788682
Action Type: RESPONSE
Date: 09/19/2014
Action: Soil and Water Investigation Report - Regulator Responded

Global Id: T06019788682
Action Type: RESPONSE
Date: 07/25/2014
Action: Monitoring Report - Quarterly

Global Id: T06019788682
Action Type: RESPONSE
Date: 09/25/2015
Action: Interim Remedial Action Report

DRAFT

OAKLAND TRUCK CENTER (FORMERLY (Continued) **U001599299**

Global Id: T06019788682
Action Type: ENFORCEMENT
Date: 01/23/2014
Action: Staff Letter - #20140123

Global Id: T06019788682
Action Type: ENFORCEMENT
Date: 01/08/2018
Action: Staff Letter

Global Id: T06019788682
Action Type: RESPONSE
Date: 09/02/2016
Action: Other Report / Document

Global Id: T06019788682
Action Type: RESPONSE
Date: 03/25/2016
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T06019788682
Action Type: RESPONSE
Date: 06/03/2016
Action: Interim Remedial Action Report

Global Id: T06019788682
Action Type: RESPONSE
Date: 02/01/2016
Action: CAP/RAP - Other Report

Global Id: T06019788682
Action Type: RESPONSE
Date: 02/01/2016
Action: CAP/RAP - Other Report

Global Id: T06019788682
Action Type: RESPONSE
Date: 03/15/2014
Action: Monitoring Report - Quarterly

Global Id: T06019788682
Action Type: RESPONSE
Date: 03/24/2014
Action: Pilot Study/ Treatability Report

Global Id: T06019788682
Action Type: RESPONSE
Date: 02/01/2016
Action: CAP/RAP - Other Report

Global Id: T06019788682
Action Type: RESPONSE
Date: 03/24/2014
Action: Conceptual Site Model

Global Id: T06019788682
Action Type: RESPONSE

DRAFT

OAKLAND TRUCK CENTER (FORMERLY (Continued) **U001599299**

Date: 02/20/2015
Action: Site Assessment Report

Global Id: T06019788682
Action Type: RESPONSE
Date: 06/19/2015
Action: CAP/RAP - Other Report

Global Id: T06019788682
Action Type: RESPONSE
Date: 07/01/2015
Action: CAP/RAP - Other Report

Global Id: T06019788682
Action Type: RESPONSE
Date: 10/17/2014
Action: Monitoring Report - Quarterly

Global Id: T06019788682
Action Type: RESPONSE
Date: 08/01/2014
Action: Soil and Water Investigation Workplan - Addendum - Regulator Responded

Global Id: T06019788682
Action Type: ENFORCEMENT
Date: 06/08/2017
Action: Staff Letter

Global Id: T06019788682
Action Type: RESPONSE
Date: 01/08/2016
Action: CAP/RAP - Other Report - Regulator Responded

Global Id: T06019788682
Action Type: RESPONSE
Date: 10/01/2012
Action: Monitoring Report - Quarterly

Global Id: T06019788682
Action Type: RESPONSE
Date: 06/15/2012
Action: Soil and Water Investigation Report

Global Id: T06019788682
Action Type: RESPONSE
Date: 10/18/2012
Action: Monitoring Report - Quarterly

Global Id: T06019788682
Action Type: ENFORCEMENT
Date: 09/20/2006
Action: * No Action - #20062009

Global Id: T06019788682
Action Type: ENFORCEMENT
Date: 11/16/2012
Action: Staff Letter - #20121116

DRAFT

OAKLAND TRUCK CENTER (FORMERLY (Continued) **U001599299**

Global Id: T06019788682
Action Type: RESPONSE
Date: 06/15/2007
Action: Preliminary Site Assessment Report

Global Id: T06019788682
Action Type: Other
Date: 03/03/2003
Action: Leak Reported

Global Id: T06019788682
Action Type: ENFORCEMENT
Date: 04/21/2014
Action: Meeting - #20140421

Global Id: T06019788682
Action Type: ENFORCEMENT
Date: 04/14/2015
Action: Staff Letter - #20150414

Global Id: T06019788682
Action Type: ENFORCEMENT
Date: 04/21/2014
Action: Staff Letter - #20140421

Global Id: T06019788682
Action Type: Other
Date: 05/02/2002
Action: Leak Discovery

LUST:
Global Id: T06019788682
Status: Open - Case Begin Date
Status Date: 05/02/2002

Global Id: T06019788682
Status: Open - Site Assessment
Status Date: 05/02/2002

Global Id: T06019788682
Status: Open - Site Assessment
Status Date: 06/04/2003

Global Id: T06019788682
Status: Open - Assessment & Interim Remedial Action
Status Date: 11/16/2012

Global Id: T06019788682
Status: Open - Remediation
Status Date: 07/22/2015

Global Id: T06019788682
Status: Open - Verification Monitoring
Status Date: 06/08/2017

DRAFT

OAKLAND TRUCK CENTER (FORMERLY (Continued) **U001599299**

Alameda County CS:

Status:	Pollution Characterization
Record Id:	RO0002520
PE:	5602
Facility Status:	Pollution Charaterization
Latitude:	37.828641778
Longitude:	-122.27889095

Status:	Pollution Characterization
Record Id:	RO0002520
PE:	5602
Facility Status:	Pollution Charaterization
Latitude:	37.828641778
Longitude:	-122.27889095

Status:	Pollution Characterization
Record Id:	RO0002520
PE:	5602
Facility Status:	Pollution Charaterization
Latitude:	37.828641778
Longitude:	-122.27889095

Status:	Pollution Characterization
Record Id:	RO0002520
PE:	5602
Facility Status:	Pollution Charaterization
Latitude:	37.828641778
Longitude:	-122.27889095

Status:	Leak Confirmation
Record Id:	RO0003237
PE:	5502
Facility Status:	Leak Confirmation
Latitude:	Not reported
Longitude:	Not reported

HIST UST:

File Number:	00035FF6
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00035FF6.pdf
Region:	STATE
Facility ID:	00000067277
Facility Type:	Other
Other Type:	TRUCK CENTER
Contact Name:	Not reported
Telephone:	3134564340
Owner Name:	GM TRUCK & BUS GROUP
Owner Address:	31 JUDSON STREET
Owner City,St,Zip:	PONTIAC, MI 48058
Total Tanks:	0002

Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	2

DRAFT

OAKLAND TRUCK CENTER (FORMERLY (Continued) **U001599299**

Container Construction Thickness: X
Leak Detection: None

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: WASTE
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: None

Click here for Geo Tracker PDF:

CERS TANKS:
Site ID: 232192
CERS ID: T06019788682
CERS Description: Leaking Underground Storage Tank Cleanup 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

L68
NNE
1/8-1/4
0.175 mi.
925 ft.

OAKLAND TRUCK CENTER (FORMERLY
3800 SAN PABLO AVE
OAKLAND, CA 94608

Alameda County CS **S101624444**
SWEEPS UST **N/A**
CA FID UST

Site 3 of 6 in cluster L

Relative:
Higher

Actual:
40 ft.

Alameda County CS:
Status: Pollution Characterization
Record Id: RO0003200
PE: 5502
Facility Status: Pollution Charaterization
Latitude: Not reported
Longitude: Not reported

SWEEPS UST:
Status: Not reported
Comp Number: 67277
Number: Not reported
Board Of Equalization: 44-000742
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-000-067277-000001
Tank Status: Not reported
Capacity: 1

DRAFT

OAKLAND TRUCK CENTER (FORMERLY (Continued) **S101624444**

Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	LEADED
Number Of Tanks:	2

Status:	Not reported
Comp Number:	67277
Number:	Not reported
Board Of Equalization:	44-000742
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	01-000-067277-000002
Tank Status:	Not reported
Capacity:	1
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	WASTE
Content:	DIESEL
Number Of Tanks:	Not reported

CA FID UST:

Facility ID:	01002270
Regulated By:	UTNKI
Regulated ID:	00067277
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	3134564340
Mail To:	Not reported
Mailing Address:	31 JUDSON ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	OAKLAND 94608
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

L69 **GMC TRUCK & COACH DIVISION** **RCRA-SQG** **1000134996**
NNE **3800 SAN PABLO AVE** **FINDS** **CAD040023855**
1/8-1/4 **OAKLAND, CA 94608** **ECHO**
0.175 mi. **HAZNET**
925 ft. **Site 4 of 6 in cluster L**

Relative:
Higher

Actual:
40 ft.

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	GMC TRUCK & COACH DIVISION
Facility address:	3800 SAN PABLO AVE OAKLAND, CA 94608
EPA ID:	CAD040023855
Contact:	Not reported
Contact address:	Not reported Not reported

DRAFT

GMC TRUCK & COACH DIVISION (Continued) **1000134996**

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: GMC TRUCK & COACH DIVISION
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

DRAFT

GMC TRUCK & COACH DIVISION (Continued) **1000134996**

Historical Generators:
Date form received by agency: 08/18/1980
Site name: GMC TRUCK & COACH DIVISION
Classification: Large Quantity Generator

Facility Has Received Notices of Violations:
Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 02/11/1986
Date achieved compliance: 06/10/1992
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

Evaluation Action Summary:
Evaluation date: 06/10/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 02/11/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/10/1992
Evaluation lead agency: State Contractor/Grantee

FINDS:

Registry ID: 110002643710

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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

ECHO:
Envid: 1000134996
Registry ID: 110002643710
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002643710

HAZNET:

DRAFT

GMC TRUCK & COACH DIVISION (Continued) **1000134996**

envid: 1000134996
Year: 1993
GEPAID: CAD040023855
Contact: GMC TRUCK & COACH DIVISION
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 3800 SAN PABLO AVE
Mailing City,St,Zip: OAKLAND, CA 946080000
Gen County: Not reported
TSD EPA ID: UTD991301748
TSD County: Not reported
Waste Category: Contaminated soil from site clean-up
Disposal Method: Not reported
Tons: 100.2932
Cat Decode: Not reported
Method Decode: Not reported
Facility County: 1

envid: 1000134996
Year: 1993
GEPAID: CAD040023855
Contact: GMC TRUCK & COACH DIVISION
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 3800 SAN PABLO AVE
Mailing City,St,Zip: OAKLAND, CA 946080000
Gen County: Not reported
TSD EPA ID: CAD043260702
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 0.62549999999
Cat Decode: Not reported
Method Decode: Not reported
Facility County: 1

envid: 1000134996
Year: 1993
GEPAID: CAD040023855
Contact: GMC TRUCK & COACH DIVISION
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 3800 SAN PABLO AVE
Mailing City,St,Zip: OAKLAND, CA 946080000
Gen County: Not reported
TSD EPA ID: CAD009466392
TSD County: Not reported
Waste Category: Other empty containers 30 gallons or more
Disposal Method: Recycler
Tons: 3
Cat Decode: Not reported
Method Decode: Not reported
Facility County: 1

envid: 1000134996
Year: 1993
GEPAID: CAD040023855

DRAFT

GMC TRUCK & COACH DIVISION (Continued) **1000134996**

Contact:	GMC TRUCK & COACH DIVISION
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	3800 SAN PABLO AVE
Mailing City,St,Zip:	OAKLAND, CA 946080000
Gen County:	Not reported
TSD EPA ID:	UTD991301748
TSD County:	Not reported
Waste Category:	Other organic solids
Disposal Method:	Disposal, Land Fill
Tons:	2.10000000000
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	1

M70 **JACK HEMSATH DRAYAGE INC** **HIST UST** **U001599286**
West **1350 34TH STREET** **N/A**
1/8-1/4 **OAKLAND, CA 94608**
0.179 mi.
944 ft. **Site 1 of 3 in cluster M**

Relative:
Lower

Actual:
21 ft.

HIST UST:

File Number:	00036062
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00036062.pdf
Region:	STATE
Facility ID:	00000049446
Facility Type:	Other
Other Type:	GARAGE
Contact Name:	JACK C. HEMSATH
Telephone:	4156532055
Owner Name:	JACK C. HEMSATH
Owner Address:	1724 JULIAN CT.
Owner City,St,Zip:	EL CERRITO, CA 94530
Total Tanks:	0001
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None

Click here for Geo Tracker PDF:

M71 **HEMSATH DRAYAGE** **LUST** **S102431301**
West **1350 34TH** **Alameda County CS** **N/A**
1/8-1/4 **OAKLAND, CA 94608** **HIST CORTESE**
0.179 mi. **CERS**
944 ft. **Site 2 of 3 in cluster M**

Relative:
Lower

Actual:
21 ft.

LUST:

Lead Agency:	ALAMEDA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100461

DRAFT

HEMSATH DRAYAGE (Continued) **S102431301**

Global Id: T0600100461
Latitude: 37.8262799
Longitude: -122.283322
Status: Completed - Case Closed
Status Date: 10/28/1994
Case Worker: Not reported
RB Case Number: 01-0507
Local Agency: Not reported
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: RO0000706
Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel
Site History: Not reported

LUST:
Global Id: T0600100461
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: T0600100461
Action Type: REMEDIATION
Date: 09/09/9999
Action: Not reported

Global Id: T0600100461
Action Type: Other
Date: 04/12/1990
Action: Leak Reported

LUST:
Global Id: T0600100461
Status: Open - Case Begin Date
Status Date: 04/12/1990

Global Id: T0600100461
Status: Completed - Case Closed
Status Date: 10/28/1994

LUST REG 2:
Region: 2
Facility Id: 01-0507
Facility Status: Case Closed
Case Number: 3797
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: 3/17/1992
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported

DRAFT

HEMSATH DRAYAGE (Continued) **S102431301**

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

Alameda County CS:
Status: Case Closed
Record Id: RO0000706
PE: 5602
Facility Status: Case Closed
Latitude: 37.826200843
Longitude: -122.28330343

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-0507

CERS TANKS:
Site ID: 251647
CERS ID: T0600100461
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

N72 **MAGNOLIA STREET LLC PROPERTY** **CPS-SLIC** **S108246017**
SW **1200 32ND ST** **Alameda County CS** **N/A**
1/8-1/4 **OAKLAND, CA 94608** **CERS**
0.185 mi.
977 ft. **Site 1 of 3 in cluster N**

Relative:
Lower
Actual:
21 ft.

CPS-SLIC:
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 08/20/2001
Global Id: T06019777619
Lead Agency: ALAMEDA COUNTY LOP
Lead Agency Case Number: RO0002677
Latitude: 37.823988
Longitude: -122.282122
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

DRAFT

MAGNOLIA STREET LLC PROPERTY (Continued) **S108246017**

Potential Media Affected: Under Investigation
Potential Contaminants of Concern: Lead
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Alameda County CS:
Status: Case Closed
Record Id: RO0002677
PE: 5502
Facility Status: Case Closed
Latitude: 37.824145545
Longitude: -122.28206458

Status: Case Closed
Record Id: RO0002677
PE: 5502
Facility Status: Case Closed
Latitude: 37.824145545
Longitude: -122.28206458

Status: Case Closed
Record Id: RO0002677
PE: 5502
Facility Status: Case Closed
Latitude: 37.824145545
Longitude: -122.28206458

CERS TANKS:
Site ID: 243561
CERS ID: T06019777619
CERS Description: Cleanup Program Site

N73 **LITTLE PROPERTY** **CPS-SLIC** **S108246012**
SW **1201 32ND** **Alameda County CS** **N/A**
1/8-1/4 **OAKLAND, CA 94608** **CERS**
0.199 mi.
1053 ft. **Site 2 of 3 in cluster N**

Relative:
Lower

Actual:
20 ft.

CPS-SLIC:
Region: STATE
Facility Status: **Open - Site Assessment**
Status Date: 02/27/2018
Global Id: T06019780605
Lead Agency: ALAMEDA COUNTY LOP
Lead Agency Case Number: RO0002728
Latitude: 37.823884
Longitude: -122.282391
Case Type: Cleanup Program Site
Case Worker: JES
Local Agency: ALAMEDA COUNTY LOP
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: Trichloroethylene (TCE)
Site History: This site remains an inactive case requiring further evaluation.

DRAFT

LITTLE PROPERTY (Continued) **S108246012**

Click here to access the California GeoTracker records for this facility:

Alameda County CS:

Status:	Preliminary Site Assessment Underway
Record Id:	RO0002728
PE:	5502
Facility Status:	Preliminary Site Assessment Underway
Latitude:	37.823881433
Longitude:	-122.28215948

CERS TANKS:

Site ID:	220208
CERS ID:	T06019780605
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

DRAFT

L74 **3902-3906 ADELINE ST** **LUST** **S121475780**
North **3902-3906 ADELINE ST** **CERS** **N/A**
1/8-1/4 **EMERYVILLE, CA 94608**
0.202 mi.
1064 ft. **Site 5 of 6 in cluster L**

Relative:
Higher

Actual:
40 ft.

LUST:

Lead Agency:	ALAMEDA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000011182
Global Id:	T10000011182
Latitude:	37.8295784232292
Longitude:	-122.278407735529
Status:	Open - Site Assessment
Status Date:	12/04/2017
Case Worker:	DY
RB Case Number:	Not reported
Local Agency:	ALAMEDA COUNTY LOP
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	RO0003219
Potential Media Affect:	Under Investigation
Potential Contaminants of Concern:	Not reported
Site History:	The Site is located in a mixed residential and commercial area of Emeryville and is currently developed as multi-story residential units consisting of one parcel APN: 12-953-34. During construction of tree wells associated with the redevelopment of the Site in November 2015, one approximately 575-gallon single-walled heating oil underground storage tank (UST) was discovered adjacent to 39th Street and directly beneath a 6-inch diameter East Bay Municipal Utility

3902-3906 ADELINE ST (Continued) **S121475780**

District (EBMUD) water pipe. The bottom of the UST was observed at 7 feet below ground surface (bgs). No associated piping (vent, etc) was observed during removal activities. The UST was reported to be in poor condition with visible holes and hydrocarbon odors in the tank excavation area. Groundwater was not encountered during tank removal activities. Prior to tank removal approximately 30-gallons of residual petroleum were removed from the UST and approximately 700-gallons of rainwater was removed from the tree well which had accumulated during a previous rain event. Following tank removal activities soil was excavated from the bottom of the UST pit to a depth of approximately 9 feet bgs. Limited excavation was conducted on the western portion of the tank pit floor due to the presence of the EBMUD water pipes located above the UST pit. A total of approximately 16.7 tons of impacted soil were removed from the excavation. Soil samples were collected following excavation including; 4 discrete samples each from the two soil stockpiles, one discrete sample from the center of the excavation floor at approximately 9 feet bgs, and four discrete samples one from each sidewall of the excavation. Soil samples were analyzed for total petroleum hydrocarbons as diesel (TPH-d) TPH as gasoline (TPH-g) TPH as motor oil (TPH-mo), volatile organic compounds (VOCs) including methyl-tert-Butyl Ether (MTBE), benzene, toluene, ethylbenzene, total xylenes (BTEX), fuel oxygenates, lead scavengers, Naphthalene, and Semi-VOCs. Additional analysis including Polychlorinated Biphenyls (PCBs) and CAM 17 metals was performed on the tank pit floor sample and one stockpile sample. Organochlorine Pesticides (OCPs) was also performed on one of the soil stockpiles. Laboratory analytical results indicated arsenic was detected up to 9.6 milligrams per kilogram (mg/kg) and above San Francisco Bay Regional Water Quality Control Board's Environmental Screening Levels (ELSs) for shallow residential soils . TPH-g, TPH-d, TPH-mo, naphthalene, 1,2,4-trimethylbenzene, 2-methylnapthelene, and phenanthrene were also detected, however, below residential ESLs for shallow residential soil. Soil gas and groundwater samples were not collected. Additional subsurface investigation activities were conducted in July 2016. Samples were collected in native material to characterize and evaluate the presence of residual petroleum in soil and groundwater at the end of the former UST where access had been limited by buried water lines (EBMUB piping). Two soil samples were collected from 7.0 feet bgs and 9.5 bgs. Groundwater was encountered at approximately 8.0 feet bgs. Samples were analyzed for TPH-g, TPH-d, TPH-mo, VOCs and SVOCs. Analytical results indicated TPH-d and MTBE concentrations above Tier 1 ELSs were detected up to 79 micrograms per liter (ug/l) and 0.61 ug/l, respectively, in grab groundwater samples. Tetrachlorethene and chloroform was also detected in groundwater, however, below Tier 1 ESLs.

LUST:

Global Id:	T10000011182
Contact Type:	Local Agency Caseworker
Contact Name:	DREW YORK
Organization Name:	ALAMEDA COUNTY LOP
Address:	1131 HARBOR BAY PARKWAY
City:	ALAMEDA
Email:	andrew.york@acgov.org
Phone Number:	Not reported

3902-3906 ADELINE ST (Continued) **S121475780**

LUST:

Global Id:	T10000011182
Action Type:	RESPONSE
Date:	12/04/2017
Action:	Soil and Water Investigation Report
Global Id:	T10000011182
Action Type:	RESPONSE
Date:	12/10/2015
Action:	Tank Removal Report / UST Sampling Report
Global Id:	T10000011182
Action Type:	ENFORCEMENT
Date:	11/17/2015
Action:	Other Report - #11/17/2015
Global Id:	T10000011182
Action Type:	Other
Date:	11/16/2015
Action:	Leak Discovery
Global Id:	T10000011182
Action Type:	Other
Date:	11/25/2015
Action:	Leak Stopped
Global Id:	T10000011182
Action Type:	Other
Date:	12/10/2015
Action:	Leak Reported
Global Id:	T10000011182
Action Type:	ENFORCEMENT
Date:	05/24/2016
Action:	Preliminary Site Review - #05/24/2016
Global Id:	T10000011182
Action Type:	ENFORCEMENT
Date:	05/23/2016
Action:	Referral to Local Agency - #5/23/2016

LUST:

Global Id:	T10000011182
Status:	Open - Active
Status Date:	10/20/2016
Global Id:	T10000011182
Status:	Open - Case Begin Date
Status Date:	10/20/2016
Global Id:	T10000011182
Status:	Open - Site Assessment
Status Date:	12/04/2017

DRAFT

3902-3906 ADELINE ST (Continued) **S121475780**

CERS TANKS:

Site ID:	430959
CERS ID:	T10000011182
CERS Description:	Leaking Underground Storage Tank Cleanup 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

L75
North
1/8-1/4
0.202 mi.
1064 ft.

3902-3906 ADELINE ST
3902-3096 ADELINE ST
EMERYVILLE, CA

Site 6 of 6 in cluster L

Alameda County CS **S118872776**
N/A

Relative:
Higher

Actual:
40 ft.

Alameda County CS:

Status:	Leak Confirmation
Record Id:	RO0003219
PE:	5602
Facility Status:	Leak Confirmation
Latitude:	Not reported
Longitude:	Not reported

K76
NNE
1/8-1/4
0.205 mi.
1082 ft.

H BECK SVC & REPAIR
1040 APGAR ST
EMERYVILLE, CA 94608

Site 3 of 3 in cluster K

RCRA-SQG **1000200902**
FINDS **CAD981573579**
ECHO
HAZNET

Relative:
Higher

Actual:
45 ft.

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	H BECK SVC & REPAIR
Facility address:	1040 APGAR ST EMERYVILLE, CA 94608
EPA ID:	CAD981573579
Mailing address:	APGAR ST EMERYVILLE, CA 94608
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

DRAFT

H BECK SVC & REPAIR (Continued) **1000200902**

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:	HANS J BECK
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Owner/operator name:	NOT REQUIRED
Owner/operator address:	NOT REQUIRED NOT REQUIRED, ME 99999
Owner/operator country:	Not reported
Owner/operator telephone:	415-555-1212
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Private
Owner/Operator Type:	Operator
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Violation Status: No violations found

Evaluation Action Summary:

Evaluation date:	11/01/1994
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State Contractor/Grantee

DRAFT

H BECK SVC & REPAIR (Continued) **1000200902**

Evaluation date: 08/17/1993
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State Contractor/Grantee

FINDS:

Registry ID: 110002719327

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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

ECHO:
Envid: 1000200902
Registry ID: 110002719327
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002719327

HAZNET:
envid: 1000200902
Year: 1999
GEPAID: CAD981573579
Contact: HANS BECK
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1040 APGAR ST
Mailing City,St,Zip: EMERYVILLE, CA 946080000
Gen County: Not reported
TSD EPA ID: CA0000084517
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Treatment, Tank
Tons: .1709
Cat Decode: Not reported
Method Decode: Not reported
Facility County: 1

N77 SW 1/8-1/4 0.205 mi. 1083 ft. **WOODEN WINDOW ANNEX** **RCRA-SQG** **1016955033**
3137 MAGNOLIA ST **CAR000247338**
OAKLAND, CA 94608

Site 3 of 3 in cluster N

Relative: Lower
Actual: 20 ft.

RCRA-SQG:
Date form received by agency: 06/30/2014
Facility name: WOODEN WINDOW ANNEX
Facility address: 3137 MAGNOLIA ST
OAKLAND, CA 94608

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WOODEN WINDOW ANNEX (Continued) **1016955033**

EPA ID:	CAR000247338
Mailing address:	849 29TH ST OAKLAND, CA 94608
Contact:	BILL ESSERT
Contact address:	849 29TH ST OAKLAND, CA 94608
Contact country:	US
Contact telephone:	510-350-3900
Telephone ext.:	201
Contact email:	BILL.ESSERT@WOODENWINDOW.COM
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	RANDY NATHAN
Owner/operator address:	1246 ROSE ST BERKELEY, CA 94702
Owner/operator country:	US
Owner/operator telephone:	209-304-2572
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:	01/01/1990
Owner/Op end date:	Not reported

Owner/operator name:	WOODEN WINDOW 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:	01/01/2014
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

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WOODEN WINDOW ANNEX (Continued) **1016955033**

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: 181
. Waste name: Other inorganic solid waste

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

O78
SE
1/8-1/4
0.207 mi.
1095 ft.

Relative:
Higher

Actual:
35 ft.

LOOMIS ARMORED CAR SERVICES IN **LUST** **S101624439**
936 BROCKHURST ST **Alameda County CS** **N/A**
OAKLAND, CA 94608 **SWEEPS UST**
CA FID UST
HIST CORTESE
CERS

Site 1 of 2 in cluster O

LUST:
Lead Agency: ALAMEDA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100849
Global Id: T0600100849
Latitude: 37.823704
Longitude: -122.276621
Status: Completed - Case Closed
Status Date: 07/07/1997
Case Worker: Not reported
RB Case Number: 01-0924
Local Agency: Not reported
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: RO0001099
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0600100849
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: T0600100849
Action Type: Other
Date: 03/09/1990
Action: Leak Reported

Global Id: T0600100849
Action Type: REMEDIATION
Date: 03/09/1990
Action: Excavation

DRAFT

LOOMIS ARMORED CAR SERVICES IN (Continued) **S101624439**

LUST:

Global Id:	T0600100849
Status:	Open - Case Begin Date
Status Date:	03/09/1990
Global Id:	T0600100849
Status:	Completed - Case Closed
Status Date:	07/07/1997

LUST REG 2:

Region:	2
Facility Id:	01-0924
Facility Status:	Case Closed
Case Number:	1849
How Discovered:	Tank Closure
Leak Cause:	Structure Failure
Leak Source:	Tank
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	10/26/1990
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

Alameda County CS:

Status:	Case Closed
Record Id:	RO0001099
PE:	5602
Facility Status:	Case Closed
Latitude:	37.82354346
Longitude:	-122.27638123

SWEEPS UST:

Status:	Not reported
Comp Number:	45221
Number:	Not reported
Board Of Equalization:	44-000433
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	01-000-045221-000001
Tank Status:	Not reported
Capacity:	1000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	DIESEL
Number Of Tanks:	2
Status:	Not reported
Comp Number:	45221

DRAFT

LOOMIS ARMORED CAR SERVICES IN (Continued) **S101624439**

Number:	Not reported
Board Of Equalization:	44-000433
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	01-000-045221-000002
Tank Status:	Not reported
Capacity:	6000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	LEADED
Number Of Tanks:	Not reported

CA FID UST:

Facility ID:	01001044
Regulated By:	UTNKI
Regulated ID:	00045221
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4156552071
Mail To:	Not reported
Mailing Address:	936 BROCKHURST ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	OAKLAND 94608
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:	01-0924

CERS TANKS:

Site ID:	194696
CERS ID:	T0600100849
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

DRAFT

O79 SE 1/8-1/4 0.207 mi. 1095 ft. | **LOOMIS ARMORED CAR SERVICES IN**
936 BROCKHURST ST
OAKLAND, CA 94608 | **HIST UST** | **U001599291**
N/A

Site 2 of 2 in cluster O

Relative: Higher

Actual: 35 ft.

HIST UST:

File Number:	000362F0
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000362F0.pdf
Region:	STATE
Facility ID:	00000045221
Facility Type:	Other
Other Type:	ARMORED CAR SERVICE
Contact Name:	WILLIAM F. DITZLER
Telephone:	4156552071
Owner Name:	SAME
Owner Address:	Not reported
Owner City,St,Zip:	ALAMEDA, CA 94608
Total Tanks:	0002
Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00006000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	None

Click here for Geo Tracker PDF:

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80 WSW 1/8-1/4 0.208 mi. 1097 ft. | **ROMAK IRON WORKS**
3250 HOLLIS STREET
OAKLAND, CA 94607 | **ENVIROSTOR**
LUST
Alameda County CS
SWEEPS UST
HIST CORTESE
CERS | **S101580121**
N/A

Relative: Lower

Actual: 19 ft.

ENVIROSTOR:

Facility ID:	60000358
Status:	No Further Action
Status Date:	02/08/2007
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	0.3
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Karen Toth

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ROMAK IRON WORKS (Continued) **S101580121**

Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09
Special Program: EPA - PASI
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: EPA Grant
Latitude: 37.82534
Longitude: -122.2836
APN: 7-593-19-1
Past Use: METAL FINISHING
Potential COC: Benzene Lead
Confirmed COC: Benzene Lead
Potential Description: OTH, SOIL, UE
Alias Name: 7-593-19-1
Alias Type: APN
Alias Name: T0600100723
Alias Type: GeoTracker Global ID
Alias Name: 60000358
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: 02/07/2007
Comments: Site Screening sent for EPA's review.

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=T0600100723
Global Id: T0600100723
Latitude: 37.825345
Longitude: -122.283603
Status: Completed - Case Closed
Status Date: 08/30/2001
Case Worker: Not reported
RB Case Number: 01-0786
Local Agency: Not reported
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: RO0000249
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0600100723

DRAFT

ROMAK IRON WORKS (Continued) **S101580121**

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: T0600100723
Action Type: Other
Date: 01/27/1992
Action: Leak Reported

Global Id: T0600100723
Action Type: ENFORCEMENT
Date: 08/30/2001
Action: Closure/No Further Action Letter - #20010830

Global Id: T0600100723
Action Type: REMEDIATION
Date: 01/15/1992
Action: Excavation

LUST:
Global Id: T0600100723
Status: Open - Case Begin Date
Status Date: 01/27/1992

Global Id: T0600100723
Status: Completed - Case Closed
Status Date: 08/30/2001

LUST REG 2:
Region: 2
Facility Id: 01-0786
Facility Status: Case Closed
Case Number: 379
How Discovered: Tank Closure
Leak Cause: Overfill
Leak Source: UNK
Date Leak Confirmed: Not reported
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: 10/17/1997

Alameda County CS:
Status: Case Closed
Record Id: RO0000249
PE: 5602

DRAFT

ROMAK IRON WORKS (Continued) **S101580121**

Facility Status: Case Closed
Latitude: 37.825179074
Longitude: -122.2836908

SWEEPS UST:
Status: Not reported
Comp Number: 234
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: 01-000-000234-000001
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 2

Status: Not reported
Comp Number: 234
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: 01-000-000234-000002
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-0786

Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 3184

CERS TANKS:
Site ID: 194111
CERS ID: T0600100723
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

DRAFT

ROMAK IRON WORKS (Continued) **S101580121**

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

M81
West
1/8-1/4
0.214 mi.
1131 ft.

HEMSATH JACK DRAYAGE INC **RCRA NonGen / NLR** **1000377688**
1390 34TH STREET **FINDS** **CAD008864753**
OAKLAND, CA 94608 **ECHO**

Site 3 of 3 in cluster M

Relative:
Lower

Actual:
19 ft.

RCRA NonGen / NLR:

Date form received by agency:	02/03/1981
Facility name:	HEMSATH JACK DRAYAGE INC
Facility address:	1390 34TH STREET OAKLAND, CA 94608
EPA ID:	CAD008864753
Mailing address:	THIRTY FOURTH STREET OAKLAND, CA 94608
Contact:	ENVIRONMENTAL MANAGER
Contact address:	1390 THIRTY FOURTH STREET OAKLAND, CA 94608
Contact country:	US
Contact telephone:	415-653-2055
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:	HEMSATH JACK C
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

DRAFT

HEMSATH JACK DRAYAGE INC (Continued) **1000377688**

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: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

Evaluation Action Summary:
Evaluation date: 11/30/1984
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

FINDS:

Registry ID: 110002634784

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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

ECHO:
Envid: 1000377688
Registry ID: 110002634784
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002634784

DRAFT

P82 NNW 1/8-1/4 0.220 mi. 1159 ft. | **SALLY BEAUTY SUPPLIES**
3839 EMERY ST STE 600
EMERYVILLE, CA 94608

CERS HAZ WASTE | **S121778206**
CERS | **N/A**

Site 1 of 3 in cluster P

Relative: Lower
Actual: 31 ft.

CERS HAZ WASTE:

Site ID:	410168
CERS ID:	10709725
CERS Description:	Hazardous Waste Generator

Violations:

Site ID:	410168
Site Name:	Sally Beauty Supplies
Violation Date:	11-01-2016
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 03/07/2018. OBSERVATION: The oxidizer bin was missing the words hazardous waste and the physical state of the material. 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: Ensure all waste containers are properly labeled and all labels are readable and not obscured by printing on the label pouch. Send a photo of the corrected oxidizer bin label to ACDEH within 30 days.
Violation Division:	Alameda County Environmental Health
Violation Program:	HW
Violation Source:	CERS

Site ID:	410168
Site Name:	Sally Beauty Supplies
Violation Date:	11-01-2016
Citation:	40 CFR 1 265.171 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.171
Violation Description:	Failure to accumulate hazardous waste in a container that is in good condition.
Violation Notes:	Returned to compliance on 03/07/2018. Observation: All returned/damaged product wastes are stored together in a cardboard box. The Store Manager says the District Manager comes to the store approximately every two weeks to sort the materials in the cardboard box. Corrective Action: Immediately stop using a cardboard box to store mixed and possibly incompatible wastes. Ensure wastes are properly sorted to appropriate containers.
Violation Division:	Alameda County Environmental Health
Violation Program:	HW
Violation Source:	CERS

Site ID:	410168
Site Name:	Sally Beauty Supplies
Violation Date:	11-01-2016
Citation:	40 CFR 1 265.172 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.172
Violation Description:	Failure to accumulate or store hazardous waste in container made of or lined with materials which will not react with, and are otherwise

DRAFT

SALLY BEAUTY SUPPLIES (Continued) **S121778206**

compatible with, the hazardous waste to be stored.

Violation Notes: Returned to compliance on 03/07/2018. Observation: The Store Manager, Michelle Wolfe, sated that the process for sorting and handling damaged and returned materials (retail sized consumer goods) is closing and sealing the product in a plastic bag placing them in a single open unlabeled cardboard box in the rest room. The District Manager comes to the store approximately every two weeks and sorts materials in the cardboard box into hazard classes and places them in the proper plastic bins for disposal. All materials inside the box consists of a variety of hazard class wich may include incompatible materials such as oxidizers and corrosives. Corrective Action: Update implement hazardous waste handling procedures to ensure that all hazardous wastes are stored in properly labeled containers and incompatible materials are not stored together. Immediately separate incompatible wastes (note that there are materials in the oxidizer and corrosive bins) from other materials waiting for sorting. Store materials in an [Truncated]

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

Site ID: 410168
Site Name: Sally Beauty Supplies
Violation Date: 11-01-2016
Citation: 40 CFR 1 265.177 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.177
Violation Description: Failure to separate incompatible wastes from the same container, nearby containers, or unwashed containers which previously contained incompatible waste or materials.
Violation Notes: Returned to compliance on 03/07/2018. Observation: Generator seals and segregates materials once classified in separate bins. Before the waste is categorized it is stored in a cardboard box in the rest room. Corrective Action: See item #29.
Violation Division: Alameda County Environmental Health
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 11-01-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: First hazardous waste generator inspection for Sally Beauty Supplies at 3839 Emery St. Ste 600 Emeryville, CA. Michelle Wolfe, store Manager granted permission to perform the inspection. This is a new store that opened in July 2016 and has not yet had a waste pick-up. All violations are to be corrected within 30 days and proof of these corrections submitted to this office in the same time frame. CERTIFICATION OF RETURN TO COMPLIANCE I certify that the violation(s) noted in this Hazardous Waste Generator inspection report 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

DRAFT

SALLY BEAUTY SUPPLIES (Continued) **S121778206**

Eval Program: HW
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: Document Preparer
Entity Name: Larry Burton
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: Randy Goss
Entity Title: Not reported
Affiliation Address: 3001 COLORADO BLVD
Affiliation City: DENTON
Affiliation State: TX
Affiliation Country: Not reported
Affiliation Zip: 76210
Affiliation Phone: (940) 898-7500

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 3839 Emery St Ste 600
Affiliation City: Emeryville
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94608
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Larry Burton
Entity Title: Director, Temarry Recycling, Inc
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: Sally Beauty Holding LLC
Entity Title: Not reported

DRAFT

SALLY BEAUTY SUPPLIES (Continued) **S121778206**

Affiliation Address:	3001 COLORADO BLVD
Affiliation City:	DENTON
Affiliation State:	TX
Affiliation Country:	United States
Affiliation Zip:	76210
Affiliation Phone:	(940) 898-7500

Affiliation Type Desc:	Operator
Entity Name:	Sally Beauty Holding LLC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(940) 898-7500

Affiliation Type Desc:	Parent Corporation
Entity Name:	Sally Beauty Holding LLC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Primary Emergency Contact
Entity Name:	RANDY MOSS
Entity Title:	HEALTH AND SAFETY MANAGER
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(940) 898-7500

Affiliation Type Desc:	Secondary Emergency Contact
Entity Name:	David Epstein
Entity Title:	National Project Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(609) 381-1218

DRAFT

P83 NNW 1/8-1/4 0.220 mi. 1159 ft. | **ULTA BEAUTY #1007 (EMERYVILLE)**
3839 EMERY STREET, SUITE 200
EMERYVILLE, CA 94608
Site 2 of 3 in cluster P

CERS HAZ WASTE | **S121768713**
CERS | **N/A**

Relative: Lower
Actual: 31 ft.

CERS HAZ WASTE:

Site ID:	369969
CERS ID:	10671619
CERS Description:	Hazardous Waste Generator

Violations:

Site ID:	369969
Site Name:	ULTA BEAUTY #1007 (Emeryville)
Violation Date:	08-03-2016
Citation:	40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)
Violation Description:	Failure to ensure that all employees are thoroughly familiar with proper waste handling and emergency procedures, relevant to their responsibilities during normal facility operations and emergencies.
Violation Notes:	Returned to compliance on 08/26/2016. " "OBSERVATION: The Facility failed to properly train personnel who handle hazardous waste. All employees shall be trained within six months of assignment and take part in an annual review of the initial training received. Training records were checked for Felicia Casina which listed the modules as not completed. Records showed that there were four applicable training modules for hazardous waste handling. Corrective action:Ensure all hazardous waste handling employees complete the training. Send the inspector a screen shot of the record for Felicia Casina showing training has been completed with a list of managers who have completed the training.
Violation Division:	Alameda County Environmental Health
Violation Program:	HW
Violation Source:	CERS

Site ID:	369969
Site Name:	ULTA BEAUTY #1007 (Emeryville)
Violation Date:	08-03-2016
Citation:	22 CCR 12 66262.23(a)(4) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.23(a)(4)
Violation Description:	Failure to send a legible copy of each hazardous waste manifest to the Department within 30 days of each shipment of hazardous waste.
Violation Notes:	Returned to compliance on 08/26/2016. OBSERVATION: The Facility failed to send copies of the hazardous waste manifests to DTSC within 30 days. CORRECTIVE ACTION: The Facility shall sends a copy of all hazardous waste manifests to DTSC within 30 days of generating the manifest.
Violation Division:	Alameda County Environmental Health
Violation Program:	HW
Violation Source:	CERS

Site ID:	369969
Site Name:	ULTA BEAUTY #1007 (Emeryville)
Violation Date:	08-03-2016
Citation:	40 CFR 1 265.173 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.173
Violation Description:	Failure to meet the following container management requirements: (a) A container holding hazardous waste must always be closed during storage, except when it is necessary to add or remove waste. (b) A container holding hazardous waste must not be opened, handled, or

DRAFT

ULTA BEAUTY #1007 (EMERYVILLE) (Continued) **S121768713**

stored in a manner which may rupture the container or cause it to leak.

Violation Notes: Returned to compliance on 08/03/2016. Observation: Two 55-gallon drums, one of liquid and one solid State regulated waste (damaged/ returned products) did not have the lids closed. Corrected on site. Lids on all containers were closed during the inspection

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

Site ID: 369969
Site Name: ULTA BEAUTY #1007 (Emeryville)
Violation Date: 08-03-2016
Citation: 40 CFR 1 265.174 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.174
Violation Description: Failure to inspect hazardous waste storage areas at least weekly and look for leaking and deteriorating containers.
Violation Notes: Returned to compliance on 08/26/2016. "OBSERVATION: Waste containers were not labeled or closed at the start of the inspection, per the manager there is not a formal inspection procedure in store. The generator shall inspect areas used for container storage or transfer, at least weekly, looking for leaking containers and for deterioration of containers and the containment system caused by corrosion and other factors. " CORRECTIVE ACTION: Immediately begin conducting the necessary weekly inspections for all hazardous waste containers at this facility. Please provide the inspector with your procedure for conducting weekly inspection.
Violation Division: Alameda County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 369969
Site Name: ULTA BEAUTY #1007 (Emeryville)
Violation Date: 08-03-2016
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 08/26/2016. OBSERVATION: Copies of hazardous waste disposal records for manifest numbers 008625997FLE, 008668363FLE, 008668190FLE, 008667946FL designated TSDF facility signed copies were not found on site. 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 by September 2, 2016.
Violation Division: Alameda County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 369969
Site Name: ULTA BEAUTY #1007 (Emeryville)

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ULTA BEAUTY #1007 (EMERYVILLE) (Continued) **S121768713**

Violation Date: 08-03-2016
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 08/03/2016. OBSERVATION: Labels were missing on 2 55-gallon drums and 5 containers of hazardous waste. One container was properly labled. . 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. Corrected on site. All containers were properly labeled on site.
Violation Division: Alameda County Environmental Health
Violation Program: HW
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-03-2016
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Routine hazardous waste inspection at Ulta Beauty #1007, 3839 Emery St. Emeryville. Feliicia Cassina, Manager conducted the inspection. Four managers are trained to handle hazardous waste. CERTIFICATION OF RETURN TO COMPLIANCE I certify that the violation(s) noted in the Inspection Forms 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: HW
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: Document Preparer
Entity Name: Danielle Delise
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported

DRAFT

ULTA BEAUTY #1007 (EMERYVILLE) (Continued) **S121768713**

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

Affiliation Type Desc:	Environmental Contact
Entity Name:	Jeremy Hojnicki
Entity Title:	Not reported
Affiliation Address:	1000 Remington Boulevard, Suite 120
Affiliation City:	Bolingbrook
Affiliation State:	IL
Affiliation Country:	Not reported
Affiliation Zip:	60440
Affiliation Phone:	(630) 296-1552

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	3839 Emery Street, Suite 200
Affiliation City:	Emeryville
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94608
Affiliation Phone:	Not reported

Affiliation Type Desc:	Identification Signer
Entity Name:	Danielle Delise
Entity Title:	Compliance Specialist
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	ULTA Beauty
Entity Title:	Not reported
Affiliation Address:	1000 Remington Boulevard, Suite 120
Affiliation City:	Bolingbrook
Affiliation State:	IL
Affiliation Country:	United States
Affiliation Zip:	60440
Affiliation Phone:	(630) 410-4800

Affiliation Type Desc:	Operator
Entity Name:	ULTA Beauty
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:	(630) 410-4800

Affiliation Type Desc:	Parent Corporation
Entity Name:	ULTA Beauty
Entity Title:	Not reported

DRAFT

ULTA BEAUTY #1007 (EMERYVILLE) (Continued) **S121768713**

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:	Primary Emergency Contact
Entity Name:	Jeremy Hojnicki
Entity Title:	Compliance Manager
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(708) 275-6603
Affiliation Type Desc:	Secondary Emergency Contact
Entity Name:	3E
Entity Title:	Emergency Response
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(800) 451-8346

P84 **OFFICE MAX 394** **LUST** **S118235037**
NNW **3839 EMERY ST** **Alameda County CS** **N/A**
1/8-1/4 **EMERYVILLE, CA 94608** **HAZNET**
0.220 mi. **CERS**
1159 ft. **Site 3 of 3 in cluster P**

Relative:
Lower

Actual:
31 ft.

LUST:

Lead Agency:	ALAMEDA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000008569
Global Id:	T10000008569
Latitude:	37.8290909951766
Longitude:	-122.281827668648
Status:	Completed - Case Closed
Status Date:	06/08/2017
Case Worker:	MD
RB Case Number:	Not reported
Local Agency:	ALAMEDA COUNTY LOP
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	RO0003210
Potential Media Affect:	Other Groundwater (uses other than drinking water), Soil
Potential Contaminants of Concern:	Diesel, Heating Oil / Fuel Oil
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. On September 15, 2015, one approximately 2,000-gallon underground storage tank (UST) was removed from the site. No holes were reported in the UST. Groundwater was not encountered in the excavation. One bottom sample was collected at a depth of 12 feet below surface grade (bgs) and

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OFFICE MAX 394 (Continued) **S118235037**

four sidewall samples were collected from the excavation at a depth of approximately 8 feet bgs. Concentrations up to 3.5 milligrams per kilogram (mg/kg) Total Petroleum Hydrocarbons as gasoline (TPHg), 350 mg/kg TPH as diesel (TPHd), 280 mg/kg TPH as oil (TPHo), 0.26 mg/kg naphthalene, and 0.0073 mg/kg ethylbenzene were detected from the sidewall samples. Concentrations of 1.7 mg/kg TPHg, 3,200 mg/kg TPHd, 3,400 mg/kg TPHo, 5.2 mg/kg naphthalene, and 0.0092 ethylbenzene were detected from the stockpile samples. The data indicate that an unauthorized release has occurred at the site. Current Land-use at time of Closure The subject site is located at the commercial East Bay Bridge Shopping Center in Emeryville, California. The site is currently occupied by commercial establishments, and the subject UST was located in front of the commercial building currently occupied by the Sports Authority establishment. Due to residual contamination from previous land uses, the current (subject) case was closed with site management requirements previously established by the previously existing case: Yerba Buena East Bay Bridge Center, T10000004342; RO0003093. These requirements include notifying Alameda County Department of Environmental Health (ACDEH) of a proposed change in land use to any residential or conservative land use, or if any redevelopment or building alteration is proposed that affect or disturb the existing subsurface conditions at the site, among others. Closure of this case does not supersede existing land use restrictions. Adjacent Property(ies) Land-use at Time of Closure To the east and west are additional commercial buildings associated with the East Bay Bridge Shopping Center. To the north of the UST location, across an expansive commercial parking lot, are multifamily residential units. To the south is MacArthur Boulevard and the MacArthur Freeway (I-580). The commercial buildings to the east and west, and the parking lot and residential units to the north are covered under one or more site closures with land use restrictions including ones associated with the Yerba Buena East Bay Bridge Center, T10000004342; RO0003093, and the Ransome Company, T0600101124, RO0000049. There are no specific offsite impacts from the subject UST case. Should off-site redevelopment occur, ACDEH recommends evaluating the redevelopment site(s) for chemicals of concern (COC) identified on this site, as established and managed under the Yerba Buena East Bay Bridge Center case (T10000004342; RO0003093). Land use restrictions for the current (subject) case do not supersede land use restrictions established for that case. Historic Land-use / Site Investigation The site was formerly used for industrial purposes consisting of railroad car repair and maintenance, automotive storage and repair, a trucking business, a railroad freight depot and passenger station, and general storage yards. Previous site investigations in the 1980s and 1990s were conducted prior to redevelopment associated with the current commercial land use. A Site Management Plan (SMP) was prepared in 1994 that provided protocols for on-going management of petroleum hydrocarbon contaminated soil that was moved to, and placed on, the greater subject site and capped by the current development. The upper approximately 4 to 5 feet of soil beneath the site is understood to be significantly contaminated by heavy-end Total Petroleum Hydrocarbons (TPH). The San Francisco Bay Regional Water Quality Control Board (RWQCB) issued a No Further Action letter on June 6, 2002 for chlorinated solvent related contamination encountered beneath the site, and adjacent sites. The ACDEH issued a No Further Action Letter on December 16, 2014 for petroleum related

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OFFICE MAX 394 (Continued) **S118235037**

contamination (Yerba Buena East Bay Bridge Center, T10000004342; RO0003093), which also established land use restrictions for the larger site. A SMP Addendum to the 1994 SMP was prepared by the Cornerstone Earth Group in February 2, 2015 due to planned landscape improvements undertaken at that time. The UST that is the subject of this case is a historic UST that was not discovered at the time of redevelopment, but was discovered at the time of the landscape improvements. Potential Exposure to Chemicals of Concern COC for this UST include Total Petroleum Hydrocarbons (TPH) as gasoline (TPHg), diesel (TPHd), heating oil (TPHho), and motor oil (TPHmo). Very limited concentrations of petroleum hydrocarbon volatile compounds (PVOCs) were detected in soil, groundwater, or soil vapor. Direct contact is the principal potential exposure route for the chemicals at the site. Land use restrictions and the SMP were developed to manage these instances. Pre-existing COC for the greater site due to past land uses included the COC listed above, and additionally include lead, benzo (a) pyrene, benzo (b) fluoranthene, and benzo (a) anthracene. As before, land use restrictions and the SMP were developed to manage subsurface incursions. Remediation Activities Limited additional soil excavation was conducted to accommodate removal of the UST. No remediation was otherwise conducted in association with this case. Case Closure & Future Site Management Requirements The subject site was evaluated to the criteria established by the State Water Boards LTCP. The site meets all eight General Criteria. Utilizing existing groundwater data generated during the current site investigation as well as from pre-re-development environmental investigations, the site meets Groundwater Criteria 1 (Groundwater plume is less than 100 feet in length, there is no free product, and the nearest existing water supply well is greater than 250 feet from the site). The site additionally meets the Vapor Intrusion to Indoor Air Criteria and the Direct Contact and Outdoor Air Exposure Criteria. Residual contamination documented beneath the subject UST is significantly less, and vertically defined, than residual contamination from the pre-existing case. Due to residual contamination at the site, the site is closed as a commercial site with site management requirements established by the Yerba Buena East Bay Bridge Center, T10000004342; RO0003093 case. 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. Refer to Attachments 1 through 5 of the closure summary for analysis details.

LUST:

Global Id:	T10000008569
Contact Type:	Regional Board Caseworker
Contact Name:	Cherie McCaulou
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY STREET, SUITE 1400
City:	OAKLAND
Email:	cherie.mccaulou@waterboards.ca.gov
Phone Number:	Not reported

Global Id: T10000008569

OFFICE MAX 394 (Continued) **S118235037**

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

LUST:

Global Id: T10000008569
Action Type: Other
Date: 09/02/2015
Action: Leak Discovery

Global Id: T10000008569
Action Type: Other
Date: 09/01/2015
Action: Leak Stopped

Global Id: T10000008569
Action Type: Other
Date: 02/04/2016
Action: Leak Reported

Global Id: T10000008569
Action Type: RESPONSE
Date: 01/20/2017
Action: Other Report / Document

Global Id: T10000008569
Action Type: ENFORCEMENT
Date: 02/23/2017
Action: Staff Letter

Global Id: T10000008569
Action Type: RESPONSE
Date: 07/22/2016
Action: Preliminary Site Assessment Workplan - Regulator Responded

Global Id: T10000008569
Action Type: RESPONSE
Date: 10/03/2016
Action: Electronic Reporting Submittal Due

Global Id: T10000008569
Action Type: ENFORCEMENT
Date: 08/31/2016
Action: Staff Letter - #2160831

Global Id: T10000008569
Action Type: ENFORCEMENT
Date: 06/08/2017
Action: Closure/No Further Action Letter

Global Id: T10000008569
Action Type: ENFORCEMENT
Date: 02/23/2017

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OFFICE MAX 394 (Continued) **S118235037**

Action: Notification - Public Participation Document

Global Id: T10000008569
Action Type: ENFORCEMENT
Date: 04/20/2016
Action: Notice of Responsibility - #20160420

Global Id: T10000008569
Action Type: ENFORCEMENT
Date: 04/21/2016
Action: Staff Letter - #20160421

Global Id: T10000008569
Action Type: ENFORCEMENT
Date: 12/06/2016
Action: Staff Letter - #20161206

Global Id: T10000008569
Action Type: RESPONSE
Date: 11/04/2016
Action: Request for Closure - Regulator Responded

LUST:
Global Id: T10000008569
Status: Open - Case Begin Date
Status Date: 09/01/2015

Global Id: T10000008569
Status: Open - Site Assessment
Status Date: 03/02/2016

Global Id: T10000008569
Status: Completed - Case Closed
Status Date: 06/08/2017

Alameda County CS:
Status: Leak Confirmation
Record Id: RO0003210
PE: 5602
Facility Status: Leak Confirmation
Latitude: Not reported
Longitude: Not reported

Status: Leak Confirmation
Record Id: RO0003210
PE: 5602
Facility Status: Leak Confirmation
Latitude: Not reported
Longitude: Not reported

HAZNET:
envid: S118235037
Year: 2016
GEPAID: CAL000408767
Contact: JEREMY HOJNICKI

DRAFT

OFFICE MAX 394 (Continued) **S118235037**

Telephone:	6302961552
Mailing Name:	Not reported
Mailing Address:	1000 REMINGTON BLVD, SUITE 120
Mailing City,St,Zip:	BOLINGBROOK, IL 60440
Gen County:	Alameda
TSD EPA ID:	NVD980895338
TSD County:	99
Waste Category:	Off-specification, aged or surplus organics
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.5305
Cat Decode:	Off-specification, aged or surplus organics
Method Decode:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Alameda

envid:	S118235037
Year:	2016
GEPAID:	CAL000408767
Contact:	JEREMY HOJNICKI
Telephone:	6302961552
Mailing Name:	Not reported
Mailing Address:	1000 REMINGTON BLVD, SUITE 120
Mailing City,St,Zip:	BOLINGBROOK, IL 60440
Gen County:	Alameda
TSD EPA ID:	NVD980895338
TSD County:	99
Waste Category:	Off-specification, aged or surplus inorganics
Disposal Method:	Solvents Recovery
Tons:	0.0085
Cat Decode:	Off-specification, aged or surplus inorganics
Method Decode:	Solvents Recovery
Facility County:	Alameda

envid:	S118235037
Year:	2016
GEPAID:	CAL000408767
Contact:	JEREMY HOJNICKI
Telephone:	6302961552
Mailing Name:	Not reported
Mailing Address:	1000 REMINGTON BLVD, SUITE 120
Mailing City,St,Zip:	BOLINGBROOK, IL 60440
Gen County:	Alameda
TSD EPA ID:	CAD980884183
TSD County:	Sacramento
Waste Category:	Off-specification, aged or surplus organics
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.6935
Cat Decode:	Off-specification, aged or surplus organics
Method Decode:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Alameda

envid:	S118235037
Year:	2016
GEPAID:	CAL000408767

DRAFT

OFFICE MAX 394 (Continued) **S118235037**

Contact:	JEREMY HOJNICKI
Telephone:	6302961552
Mailing Name:	Not reported
Mailing Address:	1000 REMINGTON BLVD, SUITE 120
Mailing City,St,Zip:	BOLINGBROOK, IL 60440
Gen County:	Alameda
TSD EPA ID:	CAD980884183
TSD County:	Sacramento
Waste Category:	Other inorganic solid waste
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.005
Cat Decode:	Other inorganic solid waste
Method Decode:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Alameda

envid:	S118235037
Year:	2016
GEPAID:	CAL000408767
Contact:	JEREMY HOJNICKI
Telephone:	6302961552
Mailing Name:	Not reported
Mailing Address:	1000 REMINGTON BLVD, SUITE 120
Mailing City,St,Zip:	BOLINGBROOK, IL 60440
Gen County:	Alameda
TSD EPA ID:	CAD980884183
TSD County:	Sacramento
Waste Category:	Not reported
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	Not reported
Cat Decode:	Not reported
Method Decode:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	Alameda

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

CERS TANKS:

Site ID:	365700
CERS ID:	T10000008569
CERS Description:	Leaking Underground Storage Tank Cleanup 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

DRAFT

OFFICE MAX 394 (Continued) **S118235037**

Entity Name:	Cherie McCaulou - 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

Q85
SSW
1/8-1/4
0.222 mi.
1171 ft.

LENNYS AUTO BODY & PAINTING
3116 ADELINE
OAKLAND, CA 94601

RCRA-SQG **1000323832**
FINDS **CAD982026486**
ECHO
HAZNET

Site 1 of 4 in cluster Q

Relative:
Lower

Actual:
21 ft.

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	LENNYS AUTO BODY & PAINTING
Facility address:	3116 ADELINE OAKLAND, CA 94601
EPA ID:	CAD982026486
Mailing address:	ADELINE OAKLAND, CA 94601
Contact:	Not reported
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	LENNY MONGUL
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

DRAFT

LENNYS AUTO BODY & PAINTING (Continued) **1000323832**

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

FINDS:

Registry ID: 110002781240

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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

ECHO:
Envid: 1000323832
Registry ID: 110002781240
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002781240

HAZNET:
envid: 1000323832
Year: 1994
GEPAID: CAD982026486
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 3116 ADELINE

DRAFT

LENNYS AUTO BODY & PAINTING (Continued) **1000323832**

Mailing City,St,Zip:	OAKLAND, CA 946010000
Gen County:	Not reported
TSD EPA ID:	CAT000613893
TSD County:	Not reported
Waste Category:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	Not reported
Tons:	.0270
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	1

envid:	1000323832
Year:	1994
GEPAID:	CAD982026486
Contact:	Not reported
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	3116 ADELINE
Mailing City,St,Zip:	OAKLAND, CA 946010000
Gen County:	Not reported
TSD EPA ID:	CAT000613893
TSD County:	Not reported
Waste Category:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	Transfer Station
Tons:	.0615
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	1

envid:	1000323832
Year:	1993
GEPAID:	CAD982026486
Contact:	Not reported
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	3116 ADELINE
Mailing City,St,Zip:	OAKLAND, CA 946010000
Gen County:	Not reported
TSD EPA ID:	CAT000613893
TSD County:	Not reported
Waste Category:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	Not reported
Tons:	6.14999999999
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	1

envid:	1000323832
Year:	1993
GEPAID:	CAD982026486
Contact:	Not reported
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	3116 ADELINE
Mailing City,St,Zip:	OAKLAND, CA 946010000
Gen County:	Not reported
TSD EPA ID:	CAT000613893

DRAFT

LENNYS AUTO BODY & PAINTING (Continued) **1000323832**

TSD County:	Not reported
Waste Category:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	Transfer Station
Tons:	0.19800000000
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	1

86
NNE
1/8-1/4
0.224 mi.
1185 ft.

PRECISION MOTORS
1054 39TH ST
EMERYVILLE, CA 94608

RCRA-SQG **1000819431**
FINDS **CAD983654138**
ECHO
HAZNET

Relative:
Higher

Actual:
44 ft.

RCRA-SQG:

Date form received by agency:	12/10/1992
Facility name:	PRECISION MOTORS
Facility address:	1054 39TH ST EMERYVILLE, CA 94608
EPA ID:	CAD983654138
Mailing address:	39TH ST EMERYVILLE, CA 94608
Contact:	BOB BOZOVIC
Contact address:	1054 39TH ST EMERYVILLE, CA 94608
Contact country:	US
Contact telephone:	510-655-2287
Contact email:	Not reported
EPA Region:	09
Classification:	Small Small Quantity Generator
Description:	Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name:	BOB BOZOVIC
Owner/operator address:	1054 39TH ST EMERYVILLE, CA 94608
Owner/operator country:	Not reported
Owner/operator telephone:	510-655-2287
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

DRAFT

PRECISION MOTORS (Continued) **1000819431**

On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

FINDS:

Registry ID: 110002888625

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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

ECHO:
Envid: 1000819431
Registry ID: 110002888625
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002888625

HAZNET:
envid: 1000819431
Year: 1994
GEPAID: CAD983654138
Contact: BOB BOZOVIC
Telephone: 5106552287
Mailing Name: Not reported
Mailing Address: 1054 39TH ST
Mailing City,St,Zip: EMERYVILLE, CA 946083817
Gen County: Not reported
TSD EPA ID: CAD009452657
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: .2293
Cat Decode: Not reported
Method Decode: Not reported
Facility County: 1

envid: 1000819431
Year: 1993
GEPAID: CAD983654138
Contact: BOB BOZOVIC
Telephone: 5106552287

DRAFT

PRECISION MOTORS (Continued) **1000819431**

Mailing Name:	Not reported
Mailing Address:	1054 39TH ST
Mailing City,St,Zip:	EMERYVILLE, CA 946083817
Gen County:	Not reported
TSD EPA ID:	CAD009452657
TSD County:	Not reported
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Recycler
Tons:	0.2293
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	1

87
SSE
1/8-1/4
0.228 mi.
1204 ft.

ABCO WATERPROOFING
3135 FILBERT
OAKLAND, CA 94608

LUST **S100849170**
Alameda County CS **N/A**
HIST CORTESE
CERS

Relative:
Lower

Actual:
28 ft.

LUST:

Lead Agency:	ALAMEDA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600102234
Global Id:	T0600102234
Latitude:	37.82269
Longitude:	-122.278276
Status:	Completed - Case Closed
Status Date:	12/17/1999
Case Worker:	Not reported
RB Case Number:	01-2425
Local Agency:	Not reported
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	RO0001024
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0600102234
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:	T0600102234
Action Type:	REMEDIATION
Date:	09/22/1993
Action:	Excavation

Global Id:	T0600102234
Action Type:	Other
Date:	10/12/1993
Action:	Leak Reported

DRAFT

ABCO WATERPROOFING (Continued) **S100849170**

LUST:

Global Id:	T0600102234
Status:	Open - Case Begin Date
Status Date:	10/12/1993
Global Id:	T0600102234
Status:	Completed - Case Closed
Status Date:	12/17/1999

LUST REG 2:

Region:	2
Facility Id:	01-2425
Facility Status:	Case Closed
Case Number:	4601
How Discovered:	Tank Closure
Leak Cause:	UNK
Leak Source:	UNK
Date Leak Confirmed:	6/24/1993
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

Alameda County CS:

Status:	Case Closed
Record Id:	RO0001024
PE:	5602
Facility Status:	Case Closed
Latitude:	37.822486989
Longitude:	-122.27818976

HIST CORTESE:

Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-2425

CERS TANKS:

Site ID:	194765
CERS ID:	T0600102234
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

DRAFT

ABCO WATERPROOFING (Continued) **S100849170**

Affiliation Phone: Not reported

R88
West
1/8-1/4
0.231 mi.
1219 ft.

Relative:
Lower

Actual:
18 ft.

GUITON CHARTER BUS SERVICE
3421 HOLLIS ST
OAKLAND, CA 94608

Site 1 of 2 in cluster R

LUST **S101624433**
Alameda County CS **N/A**
SWEEPS UST
HIST UST
CA FID UST
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=T0600100674
Global Id:	T0600100674
Latitude:	37.826795
Longitude:	-122.283588
Status:	Completed - Case Closed
Status Date:	06/07/1996
Case Worker:	Not reported
RB Case Number:	01-0731
Local Agency:	Not reported
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	RO0000856
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

LUST:

Global Id:	T0600100674
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:	T0600100674
Action Type:	REMEDIATION
Date:	12/18/1989
Action:	Excavation
Global Id:	T0600100674
Action Type:	Other
Date:	01/02/1990
Action:	Leak Reported

LUST:

Global Id:	T0600100674
Status:	Open - Case Begin Date
Status Date:	01/02/1990
Global Id:	T0600100674
Status:	Completed - Case Closed

DRAFT

GUITON CHARTER BUS SERVICE (Continued) **S101624433**

Status Date: 06/07/1996

LUST REG 2:

Region:	2
Facility Id:	01-0731
Facility Status:	Case Closed
Case Number:	1668
How Discovered:	Tank Closure
Leak Cause:	Structure Failure
Leak Source:	Tank
Date Leak Confirmed:	Not reported
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:	1/2/1990
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

Alameda County CS:

Status:	Case Closed
Record Id:	RO0000856
PE:	5602
Facility Status:	Case Closed
Latitude:	37.826889502
Longitude:	-122.2846057

SWEEPS UST:

Status:	Not reported
Comp Number:	32361
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:	01-000-032361-000001
Tank Status:	Not reported
Capacity:	10000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	DIESEL
Number Of Tanks:	7

Status:	Not reported
Comp Number:	32361
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:	01-000-032361-000002
Tank Status:	Not reported

DRAFT

GUITON CHARTER BUS SERVICE (Continued) **S101624433**

Capacity:	10000
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	PRODUCT
Content:	Not reported
Number Of Tanks:	Not reported

Status:	Not reported
Comp Number:	32361
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:	01-000-032361-000003
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:	32361
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:	01-000-032361-000004
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:	32361
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:	01-000-032361-000005
Tank Status:	Not reported
Capacity:	2000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	Not reported

DRAFT

GUITON CHARTER BUS SERVICE (Continued) **S101624433**

Status:	Not reported
Comp Number:	32361
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:	01-000-032361-000006
Tank Status:	Not reported
Capacity:	2000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	LEADED
Number Of Tanks:	Not reported

Status:	Not reported
Comp Number:	32361
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:	01-000-032361-000007
Tank Status:	Not reported
Capacity:	1000
Active Date:	Not reported
Tank Use:	OIL
STG:	WASTE
Content:	WASTE OIL
Number Of Tanks:	Not reported

HIST UST:

File Number:	0003618E
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0003618E.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

DRAFT

GUITON CHARTER BUS SERVICE (Continued) **S101624433**

Click here for Geo Tracker PDF:

CA FID UST:

Facility ID:	01000855
Regulated By:	UTNKI
Regulated ID:	00032361
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4158361005
Mail To:	Not reported
Mailing Address:	3421 HOLLIS ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	OAKLAND 94608
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:	01-0731

CERS TANKS:

Site ID:	199836
CERS ID:	T0600100674
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

S89 **CLIPPER EXXPRESS COMPANY** **SWEEPS UST** **S101624418**
North **3871 SAN PABLO AVE** **CA FID UST** **N/A**
1/8-1/4 **EMERYVILLE, CA 94608**
0.237 mi.
1251 ft. **Site 1 of 5 in cluster S**

Relative:
Higher

Actual:
39 ft.

SWEEPS UST:

Status:	Not reported
Comp Number:	11824
Number:	Not reported
Board Of Equalization:	44-000175
Referral Date:	Not reported
Action Date:	Not reported

DRAFT

CLIPPER EXXPRESS COMPANY (Continued) **S101624418**

Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	01-000-011824-000001
Tank Status:	Not reported
Capacity:	10000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	DIESEL
Number Of Tanks:	1

CA FID UST:

Facility ID:	01002119
Regulated By:	UTNKI
Regulated ID:	00011824
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4156588144
Mail To:	Not reported
Mailing Address:	SAME
Mailing Address 2:	Not reported
Mailing City,St,Zip:	EMERYVILLE 94608
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

DRAFT

S90 **CLIPPER EXXPRESS COMPANY** **HIST UST** **U001599263**
North **3871 SAN PABLO AVE** **N/A**
1/8-1/4 **EMERYVILLE, CA 94608**
0.237 mi.
1251 ft. **Site 2 of 5 in cluster S**

Relative:
Higher

Actual:
39 ft.

HIST UST:

File Number:	00035E9E
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00035E9E.pdf
Region:	STATE
Facility ID:	00000011824
Facility Type:	Other
Other Type:	FREIGHT FORWARDER
Contact Name:	MIKE CLARKE
Telephone:	4156588144
Owner Name:	CLIPPER EXXPRESS COMPANY
Owner Address:	3871 SAN PABLO AVE.
Owner City,St,Zip:	EMERYVILLE, CA 94608
Total Tanks:	0001
Tank Num:	001
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported

CLIPPER EXXPRESS COMPANY (Continued) **U001599263**

Leak Detection: Visual

Click here for Geo Tracker PDF:

Q91
SSW
1/8-1/4
0.239 mi.
1264 ft.

FORMER ADELINE FOUNDRY
3037-3101 ADELINE ST
OAKLAND, CA 94608

Alameda County CS **S120928214**
N/A

Site 2 of 4 in cluster Q

Relative:
Lower

Actual:
20 ft.

Alameda County CS:

Status:	10
Record Id:	RO0003257
PE:	5502
Facility Status:	Not reported
Latitude:	Not reported
Longitude:	Not reported

Q92
SSW
1/8-1/4
0.239 mi.
1264 ft.

ADELINE FOUNDRY
3037-3115 ADELINE STREET
OAKLAND, CA 94608

CPS-SLIC **S116741945**
Alameda County CS **N/A**
CERS

Site 3 of 4 in cluster Q

Relative:
Lower

Actual:
20 ft.

CPS-SLIC:

Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	07/31/2017
Global Id:	T10000006053
Lead Agency:	ALAMEDA COUNTY LOP
Lead Agency Case Number:	RO0003142
Latitude:	37.8230042447791
Longitude:	-122.281816422125
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:	Other Groundwater (uses other than drinking water), Soil
Potential Contaminants of Concern:	Copper, Lead, Zinc, Heating Oil / Fuel Oil
Site History:	Not all historic documents for the fuel leak 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. A bronze foundry operated at 3037 and 3101 Adeline Street from at least 1928 to 1962. Five soil borings that were advanced at the site on May 1, 2013 detected total petroleum hydrocarbons as diesel in soil at concentrations up to 1,600 milligrams per kilogram. Copper and lead were detected in soil samples at concentrations up to 1,200 and 140 milligrams per kilogram, respectively. Further site investigation was conducted to define the extent of contamination and to assess possible risks to human health. Gasoline-, diesel-, and oil-ranged hydrocarbons, naphthalene, 2-methylnaphthalene, copper, and lead residual contamination remain in soil beneath the site and each is above RWQCB ESLs. The hydrocarbon release appears to be a mid to heavy hydrocarbon feed stock for the former foundry furnace, and

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ADELINE FOUNDRY (Continued) **S116741945**

limited soil Volatile Organic Compound (VOC) data does not indicate the presence of benzene, toluene, ethylbenzene, or xylene in soil or groundwater beneath the site. Petroleum hydrocarbons in the gasoline-range up to 540 mg/kg, in the diesel-range up to 17,000 mg/kg, and in the oil-range up to 8,700 mg/kg, 5.3 naphthalene, 31.0 mg/kg 2-methylnaphthalene, 1,200 mg/kg copper, and 650 mg/kg lead were present in soil beneath the site. A limited interim remedial action source soil excavation was conducted in September 2016 and successfully removed a core portion of the hydrocarbon and metal contamination which was above commercial Environmental Screening Levels (ESLs). Residual contamination is present in areas of the site including areas that are not currently accessible. A Site Management Plan (SMP) was prepared to provide a management structure for handling and managing the residual soil contamination in the event of subsurface excavations, as well for maintaining the Vapor Mitigation System (VMS) which was installed due to the generation of methane during the biodegradation of hydrocarbon contaminants. In October September 2016 40 tons of contaminated soil was exported under hazardous waste manifests to Kettleman Hills, CA. Current Land-use at time of Closure The site consists of three parcels on the west side of Adeline Street. The northern parcel (5-463-12-1) is occupied by two warehouse buildings. The center parcel (4-463-34) is occupied by a smaller building and an asphalt paved parking lot, while the southern parcel (4-463-34) is also occupied by the asphalt paved parking lot. Commercial establishments are located in the three buildings at the site (currently Adeline Scenic Properties, LLC and Dogtown Athletic). Due to residual contamination, the site was closed with site management requirements that include notifying Alameda County Department of Environmental Health (ACDEH) of a proposed change in land use to any residential or conservative land use, or if any redevelopment or building alteration is proposed that affect or disturb the existing subsurface conditions at the site. Adjacent Property(ies) Land-use at Time of Closure Based on data from site investigations, there does not appear to be offsite contamination from former site operations. Should off-site redevelopment occur, ACDEH recommends evaluating the redevelopment site(s) for chemicals of concern identified on this site. Historic Land-use / Site Investigation This case was opened in 2014 to address Total Petroleum Hydrocarbons as gasoline (TPHg), TPH as diesel (TPHd), TPH motor oil (TPHmo), copper, and lead contamination in the vicinity of a former bronze foundry located at the site. The contamination was discovered due to a property transaction Phase 1 and associated recommendations for a Phase 2 follow up investigation. Several phases of investigation followed. Due to residual TPH contamination that extended beneath the smaller southern building, a methane vapor mitigation system consisting of a vapor collection trench was installed immediately adjacent to the south side of the smaller building. A remedial excavation was additionally conducted and removed a portion of the TPH and metal contamination in an effort to reduce residual contamination at the site. Due to the remaining residual contamination, a Site Management Plan was generated and a Land Use Covenant (LUC) was entered. The LUC requires annual inspections and reporting, and communication with ACDEH should site redevelopment, including utility repair (to be protective of the vapor mitigation system), be undertaken. The annual reports will be uploaded to ACDEH and Geotracker under RO0003257 with the site name. Potential Exposure to Chemicals of Concern The chemicals of concern

ADELINE FOUNDRY (Continued) **S116741945**

include TPHg, TPHd, TPHmo, copper, lead, and methane vapor. Potential exposure routes are, except for methane, direct contact, and inhalation for methane vapor. Remediation Activities As noted above, a remedial excavation was additionally conducted and removed a portion of the TPH and metal contamination in an effort to reduce residual contamination at the site. Case Closure & Future Site Management Requirements Although the site is not documented to have contained an underground storage tank (UST), this case has been evaluated for closure consistent with the State Water Boards Low-Threat Underground Storage Tank Closure Policy (LTCP) for petroleum related contaminants. The LTCP states that it is appropriate to apply the policy to other petroleum releases. Closure of the case under the LTCP for petroleum compounds appears appropriate with a Land Use Covenant (LUC), restricting the contaminated parcels to commercial land use, providing a management structure for handling and managing residual soil contamination in the event of subsurface excavations, and providing procedures for maintaining the Vapor Mitigation System (VMS), which was installed along the south side of the smaller southern building due to the generation of methane during the biodegradation of hydrocarbon contaminants, and periodic reporting. The non-petroleum contamination was evaluated consistent with criteria described in the Regional Water Boards Environmental Screening Level Tables, in conjunction with Users Guide: Derivation and Application of Environmental Screening Levels, revised in March 2016. Closure of the case appears appropriate with the use of the LUC, restricting the contaminated parcels to commercial land use, providing a management structure for handling and managing residual soil contamination in the event of subsurface excavations, and implementation of institutional and engineering controls consisting of a vapor mitigation system. Due to residual contamination at the site, the site is closed as a commercial site 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.

Click here to access the California GeoTracker records for this facility:

Alameda County CS:

Status:	Pollution Characterization
Record Id:	RO0003142
PE:	5502
Facility Status:	Pollution Charaterization
Latitude:	Not reported
Longitude:	Not reported

Status:	Pollution Characterization
Record Id:	RO0003142
PE:	5502
Facility Status:	Pollution Charaterization
Latitude:	Not reported
Longitude:	Not reported

ADELINE FOUNDRY (Continued) **S116741945**

CERS TANKS:

Site ID:	259296
CERS ID:	T10000006053
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

R93 **GUITON CHARTER BUS SERVICE** **HIST UST** **U001599283**
West **3421 HOLLIS ST** **N/A**
1/8-1/4 **OAKLAND, CA 94608**
0.248 mi.
1307 ft. **Site 2 of 2 in cluster R**

Relative:
Lower

Actual:
18 ft.

HIST UST:

File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000032361
Facility Type:	Other
Other Type:	CHARTER BUS CO.
Contact Name:	MR JOSEPH GUITON
Telephone:	4158361005
Owner Name:	MRS ELMERREAN GUITON
Owner Address:	754 CALMAR AVE
Owner City,St,Zip:	OAKLAND, CA 94610
Total Tanks:	0007

Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Tank Num:	002
Container Num:	2

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GUITON CHARTER BUS SERVICE (Continued) **U001599283**

Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Tank Num:	003
Container Num:	3
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Tank Num:	004
Container Num:	4
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Tank Num:	005
Container Num:	5
Year Installed:	Not reported
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Tank Num:	006
Container Num:	6
Year Installed:	Not reported
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Tank Num:	007
Container Num:	7
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	WASTE OIL
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

DRAFT

S94 **PERALTA STREET RIGHT OF WAY** **LUST** **S113804509**
North **3889 SAN PABLO AVE** **CERS** **N/A**
1/4-1/2 **EMERYVILLE, CA 94608**
0.252 mi.
1329 ft. **Site 3 of 5 in cluster S**

Relative:
Higher

Actual:
39 ft.

LUST:

Lead Agency:	ALAMEDA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000004673
Global Id:	T10000004673
Latitude:	37.8293151743008
Longitude:	-122.279693188361
Status:	Completed - Case Closed
Status Date:	06/28/2013
Case Worker:	KEN
RB Case Number:	Not reported
Local Agency:	ALAMEDA COUNTY LOP
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	RO0003111
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Heating Oil / Fuel Oil
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. Site History and Description of Corrective Actions: The former Peralta Street Right Of Way (ROW) is a one-block-long northeast trending alley bounded by Emery Street to the southwest and by San Pablo Avenue to the northeast. The approximately 570-foot long private drive is approximately]%-acre in area and is situated at the southeastern corner of the 51-acre retail and residential redevelopment project named the East Baybridge Center (EBC). Due to the size and history of the EBC property, Catellus Land Development Corporation (Catellus), the EBC developer, used three areas transected by Yerba Buena Avenue and Hollis Street to aid with the geographic distinction during the environmental characterization of the EBC development. The portion of the EBC property east of Hollis Street and south of Yerba Buena Avenue was designated Area A; the area east of Hollis Street and north of Yerba Buena Avenue was designated Area B; and the area west of Hollis Street was designated Area C. These area designations were used throughout EBC site redevelopment. Area A of the EBC project consisted of Santa Fe Terminal Services (SFTS)-Area A, Clipper Exxpress warehouse, LDS warehouse, and the segment of Peralta Street between San Pablo Avenue and Emery Street. The ownership of the Peralta Street ROW was transferred to Catellus by the City of Emeryville on April 14, 1992. Area B of the EBC project consisted of SFTS-Area B, and the Ransome Construction Company. Area C of the EBC project consisted of SFTS-Area C, Bashland, Bay Area Warehouse, and M and N Trucking Warehouse. The SFTS areas were operated by the railroad company and consisted of railroad tracks and sidings and open areas for the storage of rolling stock. Except for Peralta Street and Ransome, the facilities in areas A, B and C consisted of warehouse structures serviced by rail sidings alongside the buildings. Ransome was also serviced by a rail siding but lacked a large warehouse structure. Unimproved access roads typically paralleled the rail road tracks. ACEH case files for the sites within the EBC development consist of RO0000049 (Ransome), RO0000326 (Bashland), RO0000369 (Bay Area Warehouse and SFTS-Area C), RO0003092

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PERALTA STREET RIGHT OF WAY (Continued) **S113804509**

(M and N Trucking Warehouse), RO0003093 (Clipper Exxpress, LDS, and SFTS Areas A and B), and RO0003111 (Peralta Street ROW). The Peralta Street ROW is currently owned by East Bay Bridge Retail LLC and occupies a portion of the EBC development having Assessors Parcel Number APN 49-619-6 in the City of Emeryville, California. Current development consists of paved private alley. The Peralta Street ROW was owned by the City of Emeryville and transferred to the Catellus Development Corporation (Catellus) in 1990. Catellus developed the Peralta Street ROW as part of the 51-acre EBC redevelopment project. Catellus merged with Prologis in 2005. The project at the time of the Prologis merger was identified as the East Bay Bridge Shopping Center. Catellus was subsequently renamed PAC Operating Limited Partnership, as subsidiary of Prologis. The ownership of the property was transferred to East Bay Bridge Retail LLC in 2011. Historical documentation indicates Peralta Street was in existence since before 1931. The land to the west of Peralta street was occupied in 1931 and 1940 by a vehicle storage and wrecking yard. A heating oil underground storage tank (UST) on the Peralta Street ROW was encountered in June, 1993 during preparation for site redevelopment. The tank was situated beneath the sidewalk within the EBC project area. On June 7, 1993, a sample of the tank contents was profiled and the tank contents were consistent with diesel fuel or fuel oil. The tank, a 1,500-gallon heating oil USTwhich serviced the commercial/residential 3-story building at 3819 San Pablo Avenue, was removed on September 22, 1993. Five tank pit confirmation soil samples were analyzed and 120 mg/kg total oil and grease (TOG) was detected. The profile sample of the 20 cubic-yards of excavated soil analyzed and 17 mg/kg TPHd and 93 mg/kg TOG was detected. Groundwater was not encountered in the excavation pit. No additional remedial work was performed along the Peralta Street ROW. No monitoring wells were installed at the Peralta Street ROW and no groundwater samples were collected. Data from two off-site groundwater monitoring wells, designated LF-1 and LF-2, installed in January 1991 in the vicinity of and down gradient of Peralta Street. Groundwater concentrations of TPHg, TPHd, TPHo, and BTEX were reported below the laboratory reporting limits. Groundwater monitoring wells LF-1 and LF-2 were decommissioned in July 1993 in preparation of redevelopment activities east of Hollis Street. 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.

LUST:

Global Id:	T10000004673
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

LUST:

Global Id:	T10000004673
Action Type:	REMEDIATION
Date:	09/22/1993

PERALTA STREET RIGHT OF WAY (Continued) **S113804509**

Action: Excavation

Global Id: T10000004673
Action Type: Other
Date: 09/22/1993
Action: Leak Stopped

Global Id: T10000004673
Action Type: Other
Date: 04/04/2013
Action: Leak Discovery

Global Id: T10000004673
Action Type: ENFORCEMENT
Date: 04/18/2013
Action: Staff Letter - #20130418

Global Id: T10000004673
Action Type: ENFORCEMENT
Date: 06/10/1994
Action: Staff Letter - #19940610

Global Id: T10000004673
Action Type: ENFORCEMENT
Date: 04/18/1990
Action: Staff Letter - #19900418

Global Id: T10000004673
Action Type: RESPONSE
Date: 11/19/1993
Action: Tank Removal Report / UST Sampling Report

Global Id: T10000004673
Action Type: RESPONSE
Date: 10/26/1990
Action: Soil and Water Investigation Report

Global Id: T10000004673
Action Type: RESPONSE
Date: 10/29/1993
Action: Monitoring Report - Quarterly

Global Id: T10000004673
Action Type: RESPONSE
Date: 08/15/1990
Action: Soil and Water Investigation Report

Global Id: T10000004673
Action Type: RESPONSE
Date: 08/15/1990
Action: Soil and Water Investigation Report

Global Id: T10000004673
Action Type: RESPONSE
Date: 08/15/1990
Action: Soil and Water Investigation Report

DRAFT

PERALTA STREET RIGHT OF WAY (Continued) **S113804509**

Global Id: T10000004673
Action Type: RESPONSE
Date: 04/28/1993
Action: Monitoring Report - Quarterly

Global Id: T10000004673
Action Type: RESPONSE
Date: 08/15/1990
Action: Soil and Water Investigation Report

Global Id: T10000004673
Action Type: RESPONSE
Date: 07/03/1991
Action: Other Report / Document

Global Id: T10000004673
Action Type: ENFORCEMENT
Date: 04/18/2013
Action: Notification - Public Notice of Case Closure - #20130418

Global Id: T10000004673
Action Type: ENFORCEMENT
Date: 06/28/2013
Action: Closure/No Further Action Letter - #20130628

Global Id: T10000004673
Action Type: ENFORCEMENT
Date: 08/04/1993
Action: Staff Letter - #19930804

Global Id: T10000004673
Action Type: ENFORCEMENT
Date: 07/05/1994
Action: Staff Letter - #19940705

Global Id: T10000004673
Action Type: ENFORCEMENT
Date: 03/05/1991
Action: Staff Letter - #19910305

Global Id: T10000004673
Action Type: Other
Date: 07/05/1994
Action: Leak Reported

LUST:
Global Id: T10000004673
Status: Open - Case Begin Date
Status Date: 04/04/2013

Global Id: T10000004673
Status: Open - Eligible for Closure
Status Date: 04/04/2013

Global Id: T10000004673
Status: Open - Site Assessment
Status Date: 04/04/2013

DRAFT

PERALTA STREET RIGHT OF WAY (Continued) **S113804509**

Global Id: T10000004673
Status: Completed - Case Closed
Status Date: 06/28/2013

CERS TANKS:
Site ID: 192777
CERS ID: T10000004673
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
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

S95 **PERALTA STREET RIGHT OF WAY** **Alameda County CS** **S113482332**
North **3889 SAN PABLO AVE** **N/A**
1/4-1/2 **EMERYVILLE, CA 94608**
0.252 mi.
1329 ft. **Site 4 of 5 in cluster S**

Relative:
Higher

Actual:
39 ft.

Alameda County CS:
Status: Case Closed
Record Id: RO0003111
PE: 5602
Facility Status: Case Closed
Latitude: Not reported
Longitude: Not reported

Status: Case Closed
Record Id: RO0003111
PE: 5602
Facility Status: Case Closed
Latitude: Not reported
Longitude: Not reported

T96 **CHEVRON #9-2029** **LUST** **S120761086**
ENE **890 W. MACARTHUR BLVD** **CERS** **N/A**
1/4-1/2 **OAKLAND, CA 94608**
0.258 mi.
1361 ft. **Site 1 of 2 in cluster T**

Relative:
Higher

Actual:
51 ft.

LUST:
Lead Agency: ALAMEDA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600173887
Global Id: T0600173887
Latitude: 37.8282727309058
Longitude: -122.274194955826

DRAFT

CHEVRON #9-2029 (Continued) **S120761086**

Status: Open - Assessment & Interim Remedial Action
Status Date: 10/26/2005
Case Worker: MD
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: RO0002438
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 complete case file for this site is located on the Alameda County Environmental Health website at: http://ehgis.acgov.org/dehpublic/dehpublic.jsp. In February 1997 five dispenser islands were removed and replaced; associated excavations detected concentrations of hydrocarbons significantly below the current day ESLs. In October 2000 soil bores B-1 to B-10 were installed and grab groundwater concentrations of concern were encountered. In March 2002 wells MW-1 to MW-4 were installed. In April 2005 the station was demolished and all USTs and associated piping were removed. Also beginning in April 2005, a remedial excavation was conducted and removed 5,134 tons of soil, and 25,486 gallons of groundwater were pumped. In March 2006 soil bores SB-1 to SB-7 were installed. In September 2006 wells MW-1 to MW-4 were decommissioned to facilitate site redevelopment; including a residential option. In July 2008 wells MW-5 to MW-8 were installed offsite. Two additional soil bores are currently proposed to define the downgradient extent of dissolved phase impacts; downgradient well MW-7 has a strong increasing concentration trend.

LUST:
Global Id: T0600173887
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: T0600173887
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: T0600173887
Action Type: ENFORCEMENT
Date: 05/21/2013
Action: Staff Letter - #20130521

Global Id: T0600173887
Action Type: ENFORCEMENT
Date: 07/24/2009

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CHEVRON #9-2029 (Continued) **S120761086**

Action: Staff Letter - #20090724

Global Id: T0600173887
Action Type: RESPONSE
Date: 08/15/2018
Action: CAP/RAP - Other Report

Global Id: T0600173887
Action Type: ENFORCEMENT
Date: 11/07/2014
Action: Email Correspondence - #20141107

Global Id: T0600173887
Action Type: Other
Date: 02/26/1997
Action: Leak Stopped

Global Id: T0600173887
Action Type: RESPONSE
Date: 06/13/2017
Action: Phase I Assessment Report

Global Id: T0600173887
Action Type: ENFORCEMENT
Date: 07/01/2017
Action: Staff Letter

Global Id: T0600173887
Action Type: RESPONSE
Date: 03/27/2017
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0600173887
Action Type: RESPONSE
Date: 06/05/2017
Action: Correspondence

Global Id: T0600173887
Action Type: Other
Date: 02/26/1997
Action: Leak Discovery

Global Id: T0600173887
Action Type: RESPONSE
Date: 07/26/2013
Action: Electronic Reporting Submittal Due

Global Id: T0600173887
Action Type: RESPONSE
Date: 08/09/2013
Action: Other Workplan

Global Id: T0600173887
Action Type: RESPONSE
Date: 05/08/2018
Action: Correspondence

DRAFT

CHEVRON #9-2029 (Continued) **S120761086**

Global Id: T0600173887
Action Type: RESPONSE
Date: 06/30/2018
Action: Correspondence

Global Id: T0600173887
Action Type: RESPONSE
Date: 02/17/2017
Action: Monitoring Report - Annually

Global Id: T0600173887
Action Type: RESPONSE
Date: 07/12/2013
Action: Monitoring Report - Semi-Annually

Global Id: T0600173887
Action Type: RESPONSE
Date: 08/11/2017
Action: Monitoring Report - Semi-Annually

Global Id: T0600173887
Action Type: RESPONSE
Date: 08/25/2017
Action: Soil Vapor Intrusion Investigation Report

Global Id: T0600173887
Action Type: RESPONSE
Date: 08/16/2013
Action: Soil and Water Investigation Workplan

Global Id: T0600173887
Action Type: RESPONSE
Date: 02/12/2016
Action: Monitoring Report - Semi-Annually

Global Id: T0600173887
Action Type: RESPONSE
Date: 07/15/2016
Action: Monitoring Report - Semi-Annually

Global Id: T0600173887
Action Type: RESPONSE
Date: 01/10/2014
Action: Electronic Reporting Submittal Due

Global Id: T0600173887
Action Type: RESPONSE
Date: 05/30/2014
Action: Soil and Water Investigation Workplan - Addendum - Regulator Responded

Global Id: T0600173887
Action Type: RESPONSE
Date: 06/29/2015
Action: Site Assessment Report

Global Id: T0600173887
Action Type: RESPONSE

DRAFT

CHEVRON #9-2029 (Continued) **S120761086**

Date: 01/16/2014
Action: Monitoring Report - Semi-Annually

Global Id: T0600173887
Action Type: ENFORCEMENT
Date: 04/22/2015
Action: Meeting - #20150422

Global Id: T0600173887
Action Type: ENFORCEMENT
Date: 07/09/2014
Action: Staff Letter - #20140709

Global Id: T0600173887
Action Type: ENFORCEMENT
Date: 06/22/2015
Action: Staff Letter - #20150622

Global Id: T0600173887
Action Type: ENFORCEMENT
Date: 10/29/2015
Action: Staff Letter - #20151029

Global Id: T0600173887
Action Type: RESPONSE
Date: 08/31/2015
Action: Site Assessment Report

Global Id: T0600173887
Action Type: RESPONSE
Date: 08/15/2011
Action: Monitoring Report - Semi-Annually

Global Id: T0600173887
Action Type: RESPONSE
Date: 01/30/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0600173887
Action Type: RESPONSE
Date: 08/04/2017
Action: Correspondence

Global Id: T0600173887
Action Type: ENFORCEMENT
Date: 04/03/2018
Action: Meeting

Global Id: T0600173887
Action Type: ENFORCEMENT
Date: 05/22/2017
Action: Staff Letter

Global Id: T0600173887
Action Type: RESPONSE
Date: 07/08/2016
Action: Request for Closure - Regulator Responded

DRAFT

CHEVRON #9-2029 (Continued) **S120761086**

Global Id: T0600173887
Action Type: RESPONSE
Date: 12/27/2013
Action: Electronic Reporting Submittal Due

Global Id: T0600173887
Action Type: RESPONSE
Date: 02/23/2018
Action: Monitoring Report - Semi-Annually

Global Id: T0600173887
Action Type: ENFORCEMENT
Date: 12/18/2013
Action: Staff Letter - #20131218

Global Id: T0600173887
Action Type: Other
Date: 02/26/1997
Action: Leak Reported

Global Id: T0600173887
Action Type: ENFORCEMENT
Date: 04/12/2016
Action: Staff Letter - #20160412

Global Id: T0600173887
Action Type: ENFORCEMENT
Date: 08/26/2016
Action: Staff Letter - #20160826

Global Id: T0600173887
Action Type: ENFORCEMENT
Date: 05/21/2013
Action: Notice of Responsibility - #20130521

Global Id: T0600173887
Action Type: ENFORCEMENT
Date: 04/22/2015
Action: Staff Letter - #20150422

Global Id: T0600173887
Action Type: ENFORCEMENT
Date: 04/27/2018
Action: Staff Letter

Global Id: T0600173887
Action Type: RESPONSE
Date: 10/21/2016
Action: Request for Closure - Regulator Responded

Global Id: T0600173887
Action Type: RESPONSE
Date: 07/14/2014
Action: Monitoring Report - Semi-Annually

LUST:
Global Id: T0600173887

DRAFT

CHEVRON #9-2029 (Continued) **S120761086**

Status: Open - Case Begin Date
Status Date: 02/26/1997

Global Id: T0600173887
Status: Open - Site Assessment
Status Date: 02/26/1997

Global Id: T0600173887
Status: Open - Site Assessment
Status Date: 10/06/2000

Global Id: T0600173887
Status: Open - Site Assessment
Status Date: 10/26/2001

Global Id: T0600173887
Status: Open - Remediation
Status Date: 04/27/2005

Global Id: T0600173887
Status: Open - Assessment & Interim Remedial Action
Status Date: 10/26/2005

CERS TANKS:
Site ID: 229200
CERS ID: T0600173887
CERS Description: Leaking Underground Storage Tank Cleanup 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

DRAFT

T97 **92029** **Alameda County CS** **U001599246**
ENE **890 W MACARTHUR BLVD** **SWEEPS UST** **N/A**
1/4-1/2 **OAKLAND, CA 94608** **HIST UST**
0.258 mi.
1361 ft. **Site 2 of 2 in cluster T**

Relative:
Higher

Actual:
51 ft.

Alameda County CS:

Status:	Preliminary Site Assessment Workplan Submitted
Record Id:	RO0002438
PE:	5602
Facility Status:	Preliminary Site Assessment Workplan Submitted
Latitude:	37.828125616
Longitude:	-122.27423251

Status:	Preliminary Site Assessment Workplan Submitted
Record Id:	RO0002438
PE:	5602
Facility Status:	Preliminary Site Assessment Workplan Submitted
Latitude:	37.828125616
Longitude:	-122.27423251

Status:	Preliminary Site Assessment Workplan Submitted
Record Id:	RO0002438
PE:	5602
Facility Status:	Preliminary Site Assessment Workplan Submitted
Latitude:	37.828125616
Longitude:	-122.27423251

SWEEPS UST:

Status:	Active
Comp Number:	62185
Number:	1
Board Of Equalization:	44-031913
Referral Date:	12-22-92
Action Date:	04-14-93
Created Date:	02-29-88
Owner Tank Id:	1
SWRCB Tank Id:	01-000-062185-000001
Tank Status:	A
Capacity:	1000
Active Date:	07-01-85
Tank Use:	UNKNOWN
STG:	W
Content:	Not reported
Number Of Tanks:	4

Status:	Active
Comp Number:	62185
Number:	1
Board Of Equalization:	44-031913
Referral Date:	12-22-92
Action Date:	04-14-93
Created Date:	02-29-88
Owner Tank Id:	1
SWRCB Tank Id:	01-000-062185-000002
Tank Status:	A
Capacity:	10000
Active Date:	12-22-92
Tank Use:	M.V. FUEL

DRAFT

92029 (Continued) **U001599246**

STG:	P
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	62185
Number:	1
Board Of Equalization:	44-031913
Referral Date:	12-22-92
Action Date:	04-14-93
Created Date:	02-29-88
Owner Tank Id:	2
SWRCB Tank Id:	01-000-062185-000003
Tank Status:	A
Capacity:	10000
Active Date:	12-22-92
Tank Use:	M.V. FUEL
STG:	P
Content:	PRM UNLEADED
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	62185
Number:	1
Board Of Equalization:	44-031913
Referral Date:	12-22-92
Action Date:	04-14-93
Created Date:	02-29-88
Owner Tank Id:	3
SWRCB Tank Id:	01-000-062185-000004
Tank Status:	A
Capacity:	10000
Active Date:	12-22-92
Tank Use:	M.V. FUEL
STG:	P
Content:	PRM UNLEADED
Number Of Tanks:	Not reported

HIST UST:

File Number:	00035E24
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00035E24.pdf
Region:	STATE
Facility ID:	00000062185
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	THOMAS, MELVIN
Telephone:	4156544379
Owner Name:	CHEVRON U.S.A. INC.
Owner Address:	575 MARKET
Owner City,St,Zip:	SAN FRANCISCO, CA 94105
Total Tanks:	0004

Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00001000
Tank Used for:	WASTE

DRAFT

92029 (Continued) **U001599246**

Type of Fuel:	Not reported
Container Construction Thickness:	0000250
Leak Detection:	Stock Inventor

Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	0000250
Leak Detection:	Stock Inventor

Tank Num:	003
Container Num:	3
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	0000250
Leak Detection:	Stock Inventor

Tank Num:	004
Container Num:	4
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	0000250
Leak Detection:	Stock Inventor

Click here for Geo Tracker PDF:

Q98 **CALIFORNIA ELECTRIC CO** **RCRA-SQG** **1000473018**
SSW **3015 ADELINE ST** **ENVIROSTOR** **CAD982438343**
1/4-1/2 **OAKLAND, CA 94608** **LUST**
0.270 mi. **Alameda County CS**
1423 ft. **Site 4 of 4 in cluster Q** **SWEEPS UST**
HIST UST
Relative: **CA FID UST**
Lower **FINDS**
ECHO
Actual: **HAZNET**
19 ft. **HIST CORTESE**
CERS

RCRA-SQG:

Date form received by agency:	02/11/1991
Facility name:	CALIFORNIA ELECTRIC CO
Facility address:	3015 ADELINE ST OAKLAND, CA 94608
EPA ID:	CAD982438343
Mailing address:	P O BOX 8065 OAKLAND, CA 94662
Contact:	ENVIRONMENTAL MANAGER
Contact address:	3015 ADELINE ST OAKLAND, CA 94608
Contact country:	US

DRAFT

CALIFORNIA ELECTRIC CO (Continued) **1000473018**

Contact telephone: 415-655-6100
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: CALIFORNIA ELECTRIC CO
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

DRAFT

CALIFORNIA ELECTRIC CO (Continued) **1000473018**

ENVIROSTOR:

Facility ID:	60000372
Status:	Inactive - Needs Evaluation
Status Date:	06/30/2006
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	0.73
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:	EPA Grant
Latitude:	37.82242
Longitude:	-122.2819
APN:	5-463-14-3
Past Use:	MANUFACTURING - INDUSTRIAL MACHINERY
Potential COC:	Polychlorinated biphenyls (PCBs
Confirmed COC:	Polychlorinated biphenyls (PCBs
Potential Description:	SED
Alias Name:	5-463-14-3
Alias Type:	APN
Alias Name:	T0600101629
Alias Type:	GeoTracker Global ID
Alias Name:	60000372
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:	06/30/2006
Comments:	Further action required because sediments contaminated with polychlorinated biphenyls were found at 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

LUST:

Lead Agency:	ALAMEDA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101629
Global Id:	T0600101629

DRAFT

CALIFORNIA ELECTRIC CO (Continued) **1000473018**

Latitude:	37.8224609
Longitude:	-122.281951
Status:	Completed - Case Closed
Status Date:	07/08/1997
Case Worker:	Not reported
RB Case Number:	01-1761
Local Agency:	Not reported
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	RO0001136
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0600101629
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:	T0600101629
Action Type:	REMEDIATION
Date:	09/09/9999
Action:	Excavation
Global Id:	T0600101629
Action Type:	Other
Date:	10/10/1990
Action:	Leak Reported

LUST:

Global Id:	T0600101629
Status:	Open - Case Begin Date
Status Date:	10/10/1990
Global Id:	T0600101629
Status:	Completed - Case Closed
Status Date:	07/08/1997

LUST REG 2:

Region:	2
Facility Id:	01-1761
Facility Status:	Case Closed
Case Number:	3702
How Discovered:	Tank Closure
Leak Cause:	UNK
Leak Source:	Tank
Date Leak Confirmed:	3/6/1992
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported

DRAFT

CALIFORNIA ELECTRIC CO (Continued) **1000473018**

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: RO0001136
PE: 5602
Facility Status: Case Closed
Latitude: 37.822221209
Longitude: -122.28173433

SWEEPS UST:
Status: Not reported
Comp Number: 10487
Number: Not reported
Board Of Equalization: 44-000153
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-000-010487-000001
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 1

HIST UST:
File Number: 00035DCD
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00035DCD.pdf
Region: STATE
Facility ID: 00000010487
Facility Type: Other
Other Type: ELECTRO-MECH REP
Contact Name: JAMES D. VANCE
Telephone: 4156556100
Owner Name: CALIFORNIA ELECTRIC CO.
Owner Address: 3015 ADELINE ST
Owner City,St,Zip: OAKLAND, CA 94608
Total Tanks: 0001

Tank Num: 001
Container Num: 62184
Year Installed: 1976
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: 10
Leak Detection: None

DRAFT

CALIFORNIA ELECTRIC CO (Continued) **1000473018**

Click here for Geo Tracker PDF:

CA FID UST:

Facility ID:	01000396
Regulated By:	UTNKI
Regulated ID:	00010487
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4156556100
Mail To:	Not reported
Mailing Address:	P O BOX
Mailing Address 2:	Not reported
Mailing City,St,Zip:	OAKLAND 94608
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

FINDS:

Registry ID: 110002812412

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:	1000473018
Registry ID:	110002812412
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002812412

HAZNET:

envid:	1000473018
Year:	2010
GEPAID:	CAD982438343
Contact:	JIM VANCE-PRESIDENT
Telephone:	5106556100

DRAFT

CALIFORNIA ELECTRIC CO (Continued) **1000473018**

Mailing Name:	Not reported
Mailing Address:	864 SPRING BROOK DR
Mailing City,St,Zip:	SAN RAMON, CA 945825632
Gen County:	Not reported
TSD EPA ID:	CAD980887418
TSD County:	Not reported
Waste Category:	Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.10425
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Alameda

envid:	1000473018
Year:	2010
GEPAID:	CAD982438343
Contact:	JIM VANCE-PRESIDENT
Telephone:	5106556100
Mailing Name:	Not reported
Mailing Address:	864 SPRING BROOK DR
Mailing City,St,Zip:	SAN RAMON, CA 945825632
Gen County:	Not reported
TSD EPA ID:	CAD980887418
TSD County:	Not reported
Waste Category:	Off-specification, aged or surplus organics
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	1.617
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Alameda

envid:	1000473018
Year:	2010
GEPAID:	CAD982438343
Contact:	JIM VANCE-PRESIDENT
Telephone:	5106556100
Mailing Name:	Not reported
Mailing Address:	864 SPRING BROOK DR
Mailing City,St,Zip:	SAN RAMON, CA 945825632
Gen County:	Not reported
TSD EPA ID:	CAD980887418
TSD County:	Not reported
Waste Category:	Liquids with pH <= 2
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.00417
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Alameda

envid:	1000473018
Year:	2010
GEPAID:	CAD982438343
Contact:	JIM VANCE-PRESIDENT
Telephone:	5106556100

DRAFT

CALIFORNIA ELECTRIC CO (Continued) **1000473018**

Mailing Name:	Not reported
Mailing Address:	864 SPRING BROOK DR
Mailing City,St,Zip:	SAN RAMON, CA 945825632
Gen County:	Not reported
TSD EPA ID:	CAD980887418
TSD County:	Not reported
Waste Category:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.462
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Alameda

envid:	1000473018
Year:	2005
GEPAID:	CAD982438343
Contact:	JIM VANCE-PRESIDENT
Telephone:	5106556100
Mailing Name:	Not reported
Mailing Address:	PO BOX 8065
Mailing City,St,Zip:	EMERYVILLE, CA 946620065
Gen County:	Not reported
TSD EPA ID:	CAD009452657
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
Method Decode:	Not reported
Facility County:	Alameda

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

HIST CORTESE:

Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-1761

CERS TANKS:

Site ID:	232070
CERS ID:	T0600101629
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

DRAFT

U99 NW 1/4-1/2 0.270 mi. 1425 ft. | **YERBA BUENA - EAST BAY BRIDGE CENTER**
3838 HOLLIS ST
EMERYVILLE, CA 94608

Site 1 of 2 in cluster U

DEED **S113084559**
HAZNET **N/A**
CERS

Relative: Lower

Actual: 25 ft.

DEED:

Envirostor ID:	T10000004342
Area:	Not reported
Sub Area:	Not reported
Site Type:	LUFT
Status:	COMPLETED - CASE CLOSED
Agency:	SWRCB
Covenant Uploaded:	Y
Deed Date(s):	07/29/1994
File Name:	Geotracker Land Use/Deed Restrictions

HAZNET:

envid:	S113084559
Year:	2016
GEPAID:	CAL000158905
Contact:	MELANIE KOSKE/WASTE SPECIALIST
Telephone:	7606028700
Mailing Name:	Not reported
Mailing Address:	1905 ASTON AVE
Mailing City,St,Zip:	CARLSBAD, CA 920080000
Gen County:	Alameda
TSD EPA ID:	CAD008252405
TSD County:	Los Angeles
Waste Category:	Aqueous solution with total organic residues 10 percent or more
Disposal Method:	Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.22935
Cat Decode:	Aqueous solution with total organic residues 10 percent or more
Method Decode:	Fuel Blending Prior To Energy Recovery At Another Site
Facility County:	Alameda

envid:	S113084559
Year:	2007
GEPAID:	CAL000158905
Contact:	MELANIE KOSKE/WASTE SPECIALIST
Telephone:	7606028700
Mailing Name:	Not reported
Mailing Address:	1905 ASTON AVE
Mailing City,St,Zip:	CARLSBAD, CA 920080000
Gen County:	Not reported
TSD EPA ID:	WAD991281767
TSD County:	Not reported
Waste Category:	Pesticides and other waste associated with pesticide production
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.42
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Alameda

envid:	S113084559
Year:	2007
GEPAID:	CAL000158905
Contact:	MELANIE KOSKE/WASTE SPECIALIST

DRAFT

YERBA BUENA - EAST BAY BRIDGE CENTER (Continued) **S113084559**

Telephone:	7606028700
Mailing Name:	Not reported
Mailing Address:	1905 ASTON AVE
Mailing City,St,Zip:	CARLSBAD, CA 920080000
Gen County:	Not reported
TSD EPA ID:	WAD991281767
TSD County:	Not reported
Waste Category:	Alkaline solution without metals pH >= 12.5
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.58
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Alameda

envid:	S113084559
Year:	2007
GEPAID:	CAL000158905
Contact:	MELANIE KOSKE/WASTE SPECIALIST
Telephone:	7606028700
Mailing Name:	Not reported
Mailing Address:	1905 ASTON AVE
Mailing City,St,Zip:	CARLSBAD, CA 920080000
Gen County:	Not reported
TSD EPA ID:	WAD991281767
TSD County:	Not reported
Waste Category:	Off-specification, aged or surplus organics
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	7.3
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Alameda

envid:	S113084559
Year:	2006
GEPAID:	CAL000158905
Contact:	DONNA SOUTHARD / ENV. COORD
Telephone:	7606028700
Mailing Name:	Not reported
Mailing Address:	1905 ASTON AVE
Mailing City,St,Zip:	CARLSBAD, CA 920080000
Gen County:	Not reported
TSD EPA ID:	WAD991281767
TSD County:	Not reported
Waste Category:	Off-specification, aged or surplus organics
Disposal Method:	Not reported
Tons:	0.01
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Alameda

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

CERS TANKS:
Site ID: 248207

DRAFT

YERBA BUENA - EAST BAY BRIDGE CENTER (Continued) **S113084559**

CERS ID: T10000004342
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
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

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

U100 **YERBA BUENA - EAST BAY BRIDGE CENTER** **LUST** **S112882711**
NW **3838 HOLLIS ST** **Alameda County CS** **N/A**
1/4-1/2 **EMERYVILLE, CA 94608** **EMI**
0.270 mi. **HAZNET**
1425 ft. **Site 2 of 2 in cluster U**

Relative:
Lower

Actual:
25 ft.

LUST:
Lead Agency: ALAMEDA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000004342
Global Id: T10000004342
Latitude: 37.82925108836
Longitude: -122.283872285706
Status: Completed - Case Closed
Status Date: 12/16/2014
Case Worker: KEN
RB Case Number: Not reported
Local Agency: ALAMEDA COUNTY LOP
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: RO0003093
Potential Media Affect: Soil
Potential Contaminants of Concern: Lead, Benzene, Crude Oil, Diesel, Ethylbenzene, Gasoline, Toluene, Total Petroleum Hydrocarbons
Site History: The 17-acre Yerba Buena/ East Bay Bridge Center (YB/EBBC) fuel leak case was opened on October 9, 2012 by Alameda County Environmental Health (ACEH) to address impacts associated with this project. Documents historically associated with this fuel leak case were originally place in fuel leak case RO0000049 -Ransome Company. The Ransome Company fuel leak case was used as the sole repository for all documents for the greater 52-acre redevelopment project named the East Baybridge Center (EBC). The YB/EBBC property was owned by the Atchison, Topeka and Santa Fe (AT&SF) Railway Company. Through mergers, acquisitions, and spinoffs, the AT&SF transferred land holdings to a subsidiary, the Santa Fe Pacific Realty Corporation

DRAFT

YERBA BUENA - EAST BAY BRIDGE CENTER (Continued) **S112882711**

(SFPRC), and then to Catellus Development Corporation (Catellus), a SFPRC subsidiary. Catellus became independent from SFPRC in 1990. Catellus developed the approximate 17-acre YB/EBBC property as part of a larger 52-acre EBC redevelopment project. Catellus merged with ProLogis in 2005. The project at the time of the ProLogis merger was identified as the East Bay Bridge Shopping Center. The current owner is Federal Reality Investment Trust, dba East Bay Bridge Retail LLC. The portion of the EBC comprising the Yerba Buena/ East bay Bridge Center consists of three parcels having APNs 49-619-2, 49-619-3, and 49-619-5. The YB/EBBC site is bounded by West MacArthur Boulevard to the south, Emery Street to the east and Hollis Street to the west and the Bridecourt apartment complex, which fronts 40th Street, to the north. The YB/EBBC property is commercially developed with approximately 215,000 sq ft of tilt-up single-story retail space and about 380,000 sq. ft. of paved parking. The YB/EBBC consists of three parcels and occupies pre-development regions known as former Area A and the southwestern portion of Area B. The separation of the former Areas A and B was the east-west trending Yerba Buena Avenue. The YB/EBBC site does not include the portions of Area A and Area B east of Emery Street or the portion off Area B fronting 40th Street occupied by the Bridgecourt Apartments. Records indicate that prior to the current development, the most recent tenants of the YB/EBBC property were Santa Fe Terminal Services (SFTS), operating on the western portion of Area A, Clipper Exxpress Company (Clipper), which operated an approximately 60,000 sq-ft warehouse located in the south eastern portion of the site, and LDS warehouse located on the southern portion of Area B. The Clipper and LDS warehouses were leased from the SFPRC and were serviced by railroad spurs along the northern side of their respective warehouses. Clipper operated from the 1960s and LDS operated from about 1980. Operations continued until about 1990 when the warehouses were demolished. Operations at Clipper included carloading, material storage (including quantities of oxides, acid rinse, and chlorinated alkaline cleaner) and freight transfer. Clipper operated a diesel 10,000-gallon UST. Operations at LDS included carloading, material storage and freight transfer, and truck rental. SFTS occupied the western portion of the property by the 1970s and used it for storage of truck trailers on un-paved ground. Though no documentation of tank operations were reported, two heating oil USTs were encountered on the SFTS portion of the property during preparation for site redevelopment. Historical documentation indicates that from at least 1911 to 1925, the Area A portion of the YB/EBBC property was the site of railcar repair and maintenance shops associated with the Oakland Traction Company, the Key System Limited, the Key System Transit lines, and the East Bay Transit Company. During this period Area A contained a number of buildings that housed a variety of operations, including foundries, car repair and painting, paint and oil storage, a blacksmith shop and engine room, auto and bus repair, and a sheet metal workshop. The eastern portion of Area A was occupied in 1931 and 1940 by an auto storage and wrecking yard, a print shop and a hay and grain warehouse. By 1959 all the buildings had been destroyed. The LDS warehouse was constructed circa 1910 while the Clipper warehouse was built in the in the late 1960s. The LDS and Clipper buildings were demolished 1990 in preparation for future site redevelopment. Environmental investigations were conducted from 1989 through 1991 and included a review of recent and historical usage of the site, a review of previous investigations, several rounds of intrusive investigations

YERBA BUENA - EAST BAY BRIDGE CENTER (Continued) **S112882711**

for the recovery of soil and water samples for laboratory analysis, a soil gas survey, and water sampling that included grab-groundwater samples recovered from soil borings, samples collected from groundwater monitoring wells, and samples collected from open excavations. In addition, three underground storage tanks were removed from the site. The Clipper diesel 10,000-gallon UST was removed in November 1990 by a contractor working on Clippers behalf. Analysis of excavation floor and sidewall samples indicated concentrations less than 18 ppm TPHd and total petroleum hydrocarbons as oil (TPHo) and ND for BTEX. ACHA letter (January 24, 1991) approved excavation backfilling and did not request further investigation or cleanup. SFTS occupied the western portion of the property by the 1970s and used it for storage of truck trailers on un-paved ground. Site characterization studies were conducted from 1989 through 1991. The results of the soils investigations revealed the presence of concentrations of up to 14,000 mg/kg TPHo. Toluene and ethyl benzene were reported at concentrations up to 0.29 mg/kg and 0.019 mg/kg, respectively. Pyrene was reported in one sample at a concentration of 0.39 mg/kg. Concentrations of TPHg, TPHd, benzene, and xylenes were documented below the laboratory reporting limit for the site soils. Maximum metals concentrations included As up to 26 mg/kg, Cd 2.8 mg/kg, Cr to 58 mg/kg, Ni to 68 mg/kg, Cu to 640 mg/kg, Pb to 1,400 mg/kg, and Zn to 410 mg/kg. Delineation of the lead impacted area indicated it was localized, and in June 1991, approximately 360 cubic yards of lead-impacted soil was excavated and transported to a US Ecology facility near Beatty, Nevada for disposal. Confirmation samples contained residual lead concentrations of up to 150 mg/kg. The excavation was backfilled with clean aggregate base import material. Subsequent mass grading resulted in dispersing the residual pockets of elevated metals. Site cleanup criteria were established with Alameda County Health Care Services Agency (ACHA), predecessor to the Alameda County Department of Environmental Health (ACDEH) in January 1991. The cleanup criteria consisted of 1,000 mg/kg total oil and grease (TOG), 100 mg/kg total petroleum hydrocarbons as diesel (TPHd), 10 mg/kg total petroleum hydrocarbons as gasoline (TPHg), and 1 mg/kg benzene, toluene, ethyl benzene, and xylenes (BTEX) (combined). A 1992 revision to the clean up levels reduce the benzene concentration to non-detect. Clean up levels for metals were their respective Total Threshold Limit Concentrations (TTLCs). Grab groundwater samples recovered during the site characterization studies documented up to 200 ug/l TPHg. The grab groundwater samples tested below the laboratory reporting limits for TPHd, TPHo, benzene, toluene, ethylbenzene, and xylenes (BTEX) compounds. Metals in the grab groundwater samples were to contain up to 3 ug/L arsenic (As), 1,000 ug/L nickel (Ni), selenium (Se) to 3 ug/L, and zinc (Zn) up to 26 ug/L. Three shallow (screened to or above 25 feet below the ground surface- bgs) on-site groundwater monitoring wells, LF-3, LF-4, and LF-6, were installed during January 1990. Three additional shallow monitoring wells were installed in April 1990 (LF-17, LF-18, and LF-19) in the down gradient direction of LF-4. Two wells were installed to monitor deeper (intermediate) groundwater and establish vertical hydraulic gradients, were installed in the vicinity of LF-4 and LF-5, and designated LF-4D and LF-5D, respectively. LF-4D and LF-5D were screened in the interval of 29-feet to 39 feet bgs and 44 feet to 34 feet bgs, respectively. A third well, LF-4Z, was installed in the vicinity of LF-4 for the purpose of monitoring groundwater underlying LF-4D. Well LF-4Z was

YERBA BUENA - EAST BAY BRIDGE CENTER (Continued) **S112882711**

screened at the interval of 52 feet to 62 feet bgs. One intermediate (19D) well was installed in July 1991. LF-19D was installed adjacent to LF-19, but screened deeper (between 31 feet and 45 feet bgs). The two shallow wells were installed down gradient of the LF-19, just west of former Area A. TPH compound analysis was limited to a few wells (LF-3, LF-4, LF-5, and LF-19) and performed for extractable range hydrocarbons only on a semiannual basis. Maximum concentrations of TPHd and TPHo reported in the pre-grading wells were 334 ug/L and 380 ug/L, respectively. TPHg concentrations were not reported above the laboratory reporting limits in any of the pre-grading monitoring wells. Pre-grading groundwater levels at YB/EBBC ranged from 4.41 feet bgs to 19.83 feet bgs. The on-site LF-designated groundwater monitoring wells were destroyed in July 1993 in preparation of grading activities. In accordance with the Soil Containment Plan, stockpiled TPH-impacted soil from the greater 52-acre EBC project was placed as engineered fill throughout the YB/EBBC property. Other than the heavier ranged petroleum hydrocarbons, the stockpiled soil met the 10 mg/kg TPHg, 1 mg/kg toluene, ethylbenzene, and xylenes (TEX) (combined), and the non-detect benzene concentration criteria. After placement, the soil would be capped by impermeable asphaltic concrete pavement or be covered by building pads. Residual concentrations of TPHd, TPHo, and TOG, documented up to 260 mg/kg, 4,400 mg/kg, and 18,000 mg/kg, respectively, were left in place at the site. In July 1994, replacement shallow wells MW -3 through MW-9, intermediate wells MW-6D, MW-7D and MW-9D, and deeper well MW-7Z were installed in the approximate locations of the LF-designated wells to monitor effects to groundwater due to the placement of TPH-impacted soil. Post-grading groundwater levels ranging from 8.51 feet bgs to 17.15 feet bgs. Maximum concentrations of TPHg, TPHd, and TPHo reported during the final year (2001) for the post-grading monitoring wells were <50 ug/L, 88 ug/L and <200 ug/L, respectively. TPHg/d/o and BTEX concentrations were not reported above the laboratory reporting limits in any intermediate or deep of the pre- or post-grading monitoring wells. Based on the groundwater investigations it was determined the groundwater quality was not significantly affected by the presence of the heavy TPH fraction in the soil in spite of the relatively shallow groundwater. A review of the data trend over the seven years of groundwater monitoring revealed decreasing TPHg concentrations reported as high as 200 ug/L in B-4 on January 26, 1990 to <50 ug/L (in well MW-3) for the final groundwater monitoring event conducted on December 7, 2001, and a stable- to decreasing TPHd concentrations reported as high as 334 ug/L in EX-4 on December 17, 1996 to 88 ug/L in MW-7 during the final year of groundwater monitoring (August 15, 2001). Concentrations of benzene, ethyl benzene, and naphthalene were not reported above laboratory reporting limits in any of the groundwater samples recovered at the site during the eleven years of groundwater sampling. The RWQCB was the lead agency for a separate case at the YB-EBB site, which was open between 1992 and 2002. Volatile organic compound (VOC) -affected groundwater was identified in former Area A and southern portion of former Area B. The RWQCB case for the VOCs is not associated with Alameda Countys LUST case. The RWQCB listed the site as the East Baybridge Center, Yerba Buena and Hollis, Emeryville, Alameda County, RWQCB file number is 01S0226, and Global ID of T0600191518. The RWQCB issued a No Further Action letter in June 2002.

LUST:
Global Id: T10000004342

YERBA BUENA - EAST BAY BRIDGE CENTER (Continued) **S112882711**

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: T10000004342
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: T10000004342
Action Type: ENFORCEMENT
Date: 06/26/1998
Action: Technical Correspondence / Assistance / Other - #19980626

Global Id: T10000004342
Action Type: ENFORCEMENT
Date: 08/29/2014
Action: Notice of Responsibility - #08/29/2014

Global Id: T10000004342
Action Type: ENFORCEMENT
Date: 12/16/2014
Action: Closure/No Further Action Letter - #20141216

Global Id: T10000004342
Action Type: RESPONSE
Date: 01/31/2002
Action: Monitoring Report - Quarterly

Global Id: T10000004342
Action Type: RESPONSE
Date: 02/11/1991
Action: Interim Remedial Action Report

Global Id: T10000004342
Action Type: RESPONSE
Date: 09/27/2000
Action: Risk Assessment Report

Global Id: T10000004342
Action Type: RESPONSE
Date: 11/30/1994
Action: Final Remedial Action Report / Corrective Action Report

Global Id: T10000004342
Action Type: RESPONSE
Date: 06/28/2004
Action: Well Destruction Report

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YERBA BUENA - EAST BAY BRIDGE CENTER (Continued) **S112882711**

Global Id: T10000004342
Action Type: RESPONSE
Date: 10/29/1993
Action: Tank Removal Report / UST Sampling Report

Global Id: T10000004342
Action Type: Other
Date: 08/01/1993
Action: Leak Discovery

Global Id: T10000004342
Action Type: ENFORCEMENT
Date: 07/29/1994
Action: Deed Restriction / Land Use Restriction / Covenant - #19940729

Global Id: T10000004342
Action Type: RESPONSE
Date: 11/08/1990
Action: CAP/RAP - Other Report

Global Id: T10000004342
Action Type: RESPONSE
Date: 05/08/1991
Action: Other Report / Document

Global Id: T10000004342
Action Type: RESPONSE
Date: 10/29/1993
Action: Tank Removal Report / UST Sampling Report

Global Id: T10000004342
Action Type: RESPONSE
Date: 12/06/1991
Action: Other Report / Document

Global Id: T10000004342
Action Type: RESPONSE
Date: 01/31/1995
Action: Monitoring Report - Quarterly

Global Id: T10000004342
Action Type: RESPONSE
Date: 03/09/1994
Action: Other Report / Document

Global Id: T10000004342
Action Type: RESPONSE
Date: 10/30/1997
Action: Monitoring Report - Quarterly

Global Id: T10000004342
Action Type: RESPONSE
Date: 04/30/2001
Action: Monitoring Report - Quarterly

Global Id: T10000004342
Action Type: RESPONSE

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YERBA BUENA - EAST BAY BRIDGE CENTER (Continued) **S112882711**

Date: 07/31/2001
Action: Monitoring Report - Quarterly

Global Id: T10000004342
Action Type: RESPONSE
Date: 01/29/1993
Action: Well Installation Report

Global Id: T10000004342
Action Type: RESPONSE
Date: 05/06/1991
Action: Other Report / Document

Global Id: T10000004342
Action Type: RESPONSE
Date: 04/28/1995
Action: Monitoring Report - Quarterly

Global Id: T10000004342
Action Type: RESPONSE
Date: 05/06/1991
Action: Other Report / Document

Global Id: T10000004342
Action Type: RESPONSE
Date: 02/12/1997
Action: Monitoring Report - Quarterly

Global Id: T10000004342
Action Type: RESPONSE
Date: 02/01/1999
Action: Monitoring Report - Semi-Annually

Global Id: T10000004342
Action Type: RESPONSE
Date: 01/31/2001
Action: Monitoring Report - Semi-Annually

Global Id: T10000004342
Action Type: RESPONSE
Date: 10/31/2001
Action: Monitoring Report - Quarterly

Global Id: T10000004342
Action Type: RESPONSE
Date: 07/03/1991
Action: Other Report / Document

Global Id: T10000004342
Action Type: RESPONSE
Date: 04/30/1997
Action: Monitoring Report - Quarterly

Global Id: T10000004342
Action Type: RESPONSE
Date: 07/31/1995
Action: Monitoring Report - Quarterly

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YERBA BUENA - EAST BAY BRIDGE CENTER (Continued) **S112882711**

Global Id: T10000004342
Action Type: RESPONSE
Date: 07/31/1997
Action: Monitoring Report - Quarterly

Global Id: T10000004342
Action Type: RESPONSE
Date: 06/21/1993
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T10000004342
Action Type: RESPONSE
Date: 07/31/1992
Action: Monitoring Report - Quarterly

Global Id: T10000004342
Action Type: RESPONSE
Date: 10/31/1995
Action: Monitoring Report - Quarterly

Global Id: T10000004342
Action Type: RESPONSE
Date: 10/31/1996
Action: Monitoring Report - Quarterly

Global Id: T10000004342
Action Type: RESPONSE
Date: 01/29/1993
Action: Well Installation Report

Global Id: T10000004342
Action Type: RESPONSE
Date: 10/27/1994
Action: Well Installation Report

Global Id: T10000004342
Action Type: RESPONSE
Date: 10/04/1994
Action: Interim Remedial Action Plan

Global Id: T10000004342
Action Type: RESPONSE
Date: 04/30/1998
Action: Monitoring Report - Quarterly

Global Id: T10000004342
Action Type: RESPONSE
Date: 07/31/2000
Action: Monitoring Report - Semi-Annually

Global Id: T10000004342
Action Type: RESPONSE
Date: 04/28/1993
Action: Soil and Water Investigation Workplan

Global Id: T10000004342
Action Type: RESPONSE

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YERBA BUENA - EAST BAY BRIDGE CENTER (Continued) **S112882711**

Date: 01/30/1998
Action: Monitoring Report - Quarterly

Global Id: T10000004342
Action Type: RESPONSE
Date: 01/25/2000
Action: Monitoring Report - Semi-Annually

Global Id: T10000004342
Action Type: RESPONSE
Date: 08/15/1990
Action: Soil and Water Investigation Report

Global Id: T10000004342
Action Type: RESPONSE
Date: 08/15/1990
Action: Soil and Water Investigation Report

Global Id: T10000004342
Action Type: RESPONSE
Date: 03/10/1992
Action: CAP/RAP - Final Remediation / Design Plan

Global Id: T10000004342
Action Type: ENFORCEMENT
Date: 06/10/1994
Action: Staff Letter - #19940610

Global Id: T10000004342
Action Type: RESPONSE
Date: 08/15/1990
Action: Soil and Water Investigation Report

Global Id: T10000004342
Action Type: ENFORCEMENT
Date: 05/09/1990
Action: Technical Correspondence / Assistance / Other - #19900509

Global Id: T10000004342
Action Type: ENFORCEMENT
Date: 08/04/1993
Action: Staff Letter - #19930804

Global Id: T10000004342
Action Type: ENFORCEMENT
Date: 09/26/2014
Action: Verbal Communication - #20140926

Global Id: T10000004342
Action Type: ENFORCEMENT
Date: 10/16/2014
Action: Email Correspondence - #2014-10-16

Global Id: T10000004342
Action Type: ENFORCEMENT
Date: 09/17/2014
Action: Notification - Public Notice of Case Closure - #2014-09-17

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YERBA BUENA - EAST BAY BRIDGE CENTER (Continued) **S112882711**

Global Id: T10000004342
Action Type: RESPONSE
Date: 08/25/2014
Action: Correspondence

Global Id: T10000004342
Action Type: RESPONSE
Date: 11/30/1994
Action: Other Report / Document

Global Id: T10000004342
Action Type: RESPONSE
Date: 08/15/1990
Action: Soil and Water Investigation Report

Global Id: T10000004342
Action Type: RESPONSE
Date: 11/19/1991
Action: Interim Remedial Action Report

Global Id: T10000004342
Action Type: ENFORCEMENT
Date: 06/24/2014
Action: Staff Letter - #20140624

Global Id: T10000004342
Action Type: Other
Date: 04/08/1996
Action: Leak Reported

LUST:
Global Id: T10000004342
Status: Open - Case Begin Date
Status Date: 10/03/2012

Global Id: T10000004342
Status: Open - Site Assessment
Status Date: 10/03/2012

Global Id: T10000004342
Status: Open - Verification Monitoring
Status Date: 12/12/2012

Global Id: T10000004342
Status: Open - Eligible for Closure
Status Date: 08/02/2013

Global Id: T10000004342
Status: Completed - Case Closed
Status Date: 12/16/2014

Alameda County CS:
Status: Leak Confirmation
Record Id: RO0003093
PE: 5602

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YERBA BUENA - EAST BAY BRIDGE CENTER (Continued) **S112882711**

Facility Status: Leak Confirmation
Latitude: Not reported
Longitude: Not reported

Status: Leak Confirmation
Record Id: RO0003093
PE: 5602
Facility Status: Leak Confirmation
Latitude: Not reported
Longitude: Not reported

EMI:

Year:	2012
County Code:	1
Air Basin:	SF
Facility ID:	17703
Air District Name:	BA
SIC Code:	5311
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:	0.001
Reactive Organic Gases Tons/Yr:	0.0008367
Carbon Monoxide Emissions Tons/Yr:	0.006
NOX - Oxides of Nitrogen Tons/Yr:	0.015
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.00102459016 39
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.001

Year:	2013
County Code:	1
Air Basin:	SF
Facility ID:	17703
Air District Name:	BA
SIC Code:	5311
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:	0.001
Reactive Organic Gases Tons/Yr:	0.0008367
Carbon Monoxide Emissions Tons/Yr:	0.005
NOX - Oxides of Nitrogen Tons/Yr:	0.013
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0.001
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.001

Year:	2014
County Code:	1
Air Basin:	SF
Facility ID:	17703
Air District Name:	BA
SIC Code:	5311
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:	0.000764576
Reactive Organic Gases Tons/Yr:	0

DRAFT

YERBA BUENA - EAST BAY BRIDGE CENTER (Continued) **S112882711**

Carbon Monoxide Emissions Tons/Yr:	0.004790689
NOX - Oxides of Nitrogen Tons/Yr:	0.012623453
SOX - Oxides of Sulphur Tons/Yr:	2.4686e-005
Particulate Matter Tons/Yr:	0.000694806
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.000667014

Year:	2015
County Code:	1
Air Basin:	SF
Facility ID:	17703
Air District Name:	BA
SIC Code:	5311
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:	0.000448641
Reactive Organic Gases Tons/Yr:	0.000389229
Carbon Monoxide Emissions Tons/Yr:	0.0028111
NOX - Oxides of Nitrogen Tons/Yr:	0.00740724
SOX - Oxides of Sulphur Tons/Yr:	1.4485e-005
Particulate Matter Tons/Yr:	0.000407701
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0.000391393

HAZNET:

envid:	S112882711
Year:	2015
GEPAID:	CAC002814091
Contact:	CJ CARTEM
Telephone:	6028508235
Mailing Name:	Not reported
Mailing Address:	2015 W MOUNTAIN VIEW RD
Mailing City,St,Zip:	PHOENIX, AZ 85021
Gen County:	Alameda
TSD EPA ID:	CAD044003556
TSD County:	Yolo
Waste Category:	Unspecified oil-containing waste
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	10.008
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Alameda

envid:	S112882711
Year:	2000
GEPAID:	CAC001327224
Contact:	ANNI FONSECA - SR REAL EST MGR
Telephone:	5105473187
Mailing Name:	Not reported
Mailing Address:	201 MISSION ST 2ND FL
Mailing City,St,Zip:	SAN FRANCISCO, CA 941050000
Gen County:	Not reported
TSD EPA ID:	CAD980887418
TSD County:	Not reported
Waste Category:	Waste oil and mixed oil
Disposal Method:	Recycler
Tons:	2.08

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YERBA BUENA - EAST BAY BRIDGE CENTER (Continued) **S112882711**

Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

S101 **SNK ANDANTE PROJECT** **CPS-SLIC** **S109286064**
North **3992 SAN PABLO** **Alameda County CS** **N/A**
1/4-1/2 **EMERYVILLE, CA 94608** **CERS**
0.275 mi.
1452 ft. **Site 5 of 5 in cluster S**

Relative:
Higher

Actual:
41 ft.

CPS-SLIC:

Region:	STATE
Facility Status:	**Open - Inactive**
Status Date:	11/13/2015
Global Id:	T06019738255
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number:	RO0002530
Latitude:	37.8307768138433
Longitude:	-122.279098033905
Case Type:	Cleanup Program Site
Case Worker:	UUU
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:	Heating Oil / Fuel Oil, Stoddard solvent / Mineral Spriits / Distillates
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. The subject site is one of seven sites with a co-mingled soil and groundwater contaminant plumes sites (Oakland National Engravers; RO0000079; Dunne Quality Paints; RO0000073; San Francisco French Bread Company; RO0000171; Celis Service Station; RO0000453; SNK Andante; RO0002530; Oak Walk; RO0002733, and Magnolia Terrace; RO0003004). The groundwater contaminant plume extends a minimum distance of approximately 1,200 feet in length (see paleochannel figure). The soil and groundwater plumes appear to have moved through a series of granular paleochannels (with significant interconnectivity) that is present beneath the sites. At least three USTs were discovered during site redevelopment at this site; however, existing data indicates the extent of contamination from these USTs was limited. While these USTs were found during redevelopment, the site appears to have been primarily impacted by contamination sourced largely from the San Francisco French Bread Company site (RO0000171), by the Celis Service Station (RO0000453), and two former paint manufacturing sites (Oakland National Engravers; RO0000079 and Dunne Quality Paints; RO0000073). The extent of contaminant migration from the Celis Service Station site on to the subject site appears to have been partly controlled by very old abandoned foundational elements that apparently allowed free-phase and groundwater with elevated concentrations to migrate into and beneath the subject site significantly further than anticipated during redevelopment planning. At present, despite multiple requests, an agency deed restriction has not been recorded.

DRAFT

SNK ANDANTE PROJECT (Continued) **S109286064**

Click here to access the California GeoTracker records for this facility:

Alameda County CS:

Status: Leak Confirmation
Record Id: RO0002530
PE: 5502
Facility Status: Leak Confirmation
Latitude: 37.83087504
Longitude: -122.27962523

Status: Leak Confirmation
Record Id: RO0002530
PE: 5502
Facility Status: Leak Confirmation
Latitude: 37.83087504
Longitude: -122.27962523

Status: Leak Confirmation
Record Id: RO0002530
PE: 5502
Facility Status: Leak Confirmation
Latitude: 37.83087504
Longitude: -122.27962523

Status: Leak Confirmation
Record Id: RO0002530
PE: 5502
Facility Status: Leak Confirmation
Latitude: 37.83087504
Longitude: -122.27962523

Status: Leak Confirmation
Record Id: RO0002530
PE: 5502
Facility Status: Leak Confirmation
Latitude: 37.83087504
Longitude: -122.27962523

Status: Leak Confirmation
Record Id: RO0002530
PE: 5502
Facility Status: Leak Confirmation
Latitude: 37.83087504
Longitude: -122.27962523

Status: Leak Confirmation
Record Id: RO0002530
PE: 5502
Facility Status: Leak Confirmation
Latitude: 37.83087504
Longitude: -122.27962523

CERS TANKS:

Site ID: 234581
CERS ID: T06019738255

DRAFT

SNK ANDANTE PROJECT (Continued) **S109286064**

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

V102 **ZERO WASTE SYSTEMS INC** **HIST CORTESE** **S102008168**
WSW **1450 32ND** **N/A**
1/4-1/2 **OAKLAND, CA 94609**
0.295 mi.
1558 ft. **Site 1 of 4 in cluster V**

Relative:
Lower

Actual:
15 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	1
Reg By:	CALSI
Reg Id:	01280073

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103 **CROWLEY, KENT** **LUST** **S103472346**
SSE **3016 FILBERT** **Alameda County CS** **N/A**
1/4-1/2 **OAKLAND, CA 94608** **HIST CORTESE**
0.297 mi. **CERS**
1567 ft.

Relative:
Lower

Actual:
27 ft.

LUST:

Lead Agency:	ALAMEDA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101569
Global Id:	T0600101569
Latitude:	37.8214046
Longitude:	-122.2783885
Status:	Completed - Case Closed
Status Date:	10/14/1994
Case Worker:	Not reported
RB Case Number:	01-1698
Local Agency:	Not reported
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	RO0000790
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0600101569
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

DRAFT

CROWLEY, KENT (Continued) **S103472346**

Email: Not reported
Phone Number: Not reported

LUST:
Global Id: T0600101569
Action Type: REMEDIATION
Date: 09/09/9999
Action: Excavation

Global Id: T0600101569
Action Type: Other
Date: 05/12/1992
Action: Leak Reported

LUST:
Global Id: T0600101569
Status: Open - Case Begin Date
Status Date: 05/12/1992

Global Id: T0600101569
Status: Completed - Case Closed
Status Date: 10/14/1994

LUST REG 2:
Region: 2
Facility Id: 01-1698
Facility Status: Case Closed
Case Number: 4156
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: 6/17/1992
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

Alameda County CS:
Status: Case Closed
Record Id: RO0000790
PE: 5602
Facility Status: Case Closed
Latitude: 37.821431863
Longitude: -122.27820999

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-1698

DRAFT

CROWLEY, KENT (Continued) **S103472346**

CERS TANKS:

Site ID:	235361
CERS ID:	T0600101569
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

V104 **M SQUARED DEVELOPMENT** **CPS-SLIC** **S117338915**
WSW **1450 32ND STREET** **BROWNFIELDS** **N/A**
1/4-1/2 **OAKLAND, CA 94608** **HAZNET**
0.308 mi. **CERS**
1626 ft. **Site 2 of 4 in cluster V**

Relative:
Lower

Actual:
15 ft.

CPS-SLIC:

Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	04/07/2017
Global Id:	T10000006297
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number:	Not reported
Latitude:	37.824147
Longitude:	-122.285055
Case Type:	Cleanup Program Site
Case Worker:	UUU
Local Agency:	Not reported
RB Case Number:	01S0760
File Location:	Regional Board
Potential Media Affected:	Other Groundwater (uses other than drinking water), Soil, Soil Vapor
Potential Contaminants of Concern:	Freon, Lead
Site History:	Interim remedial action taken in 2016 to address source areas. Proposed soil vapor mitigation (vapor barrio and sub-slab ventilation system) for future residential buildings.

Click here to access the California GeoTracker records for this facility:

BROWNFIELDS:

Global ID:	T10000006297
Latitude:	37.824147
Longitude:	-122.285055
Project Type:	Cleanup Program Site
Status:	Completed - Case Closed
Status Date:	04/07/2017
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Last Correspondence Date:	04/07/2017
Release Type:	Surface Discharge
Contaminant(s) of Concern:	Freon, Lead
Media of Concern:	Other Groundwater (uses other than drinking water), Soil, Soil Vapor

DRAFT

M SQUARED DEVELOPMENT (Continued) **S117338915**

Past Use(s) that Caused Contamination: UNKNOWN
Human Health Exposure Controlled: YES
Human Health Exposure Controlled Date: 08/04/2016
Groundwater Migration Controlled: NOT APPLICABLE
Groundwater Migration Controlled Date: 06/09/2016
Primary Caseworker Name: Regional Water Board
Primary Caseworker Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Primary Caseworker Phone Number: 510-622-3277
Primary Caseworker Address: 1515 CLAY ST SUITE 1400
Primary Caseworker Address: OAKLAND
Primary Caseworker Address: C
Primary Caseworker Email: Not reported

HAZNET:

envid: S117338915
Year: 2015
GEPAID: CAC002827403
Contact: RICHARD MILLIKAN
Telephone: 5105516507
Mailing Name: Not reported
Mailing Address: 1331 WALNUT ST
Mailing City,St,Zip: BERKELEY, CA 947091408
Gen County: Alameda
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Unspecified oil-containing waste
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.1251
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

envid: S117338915
Year: 2015
GEPAID: CAC002827403
Contact: RICHARD MILLIKAN
Telephone: 5105516507
Mailing Name: Not reported
Mailing Address: 1331 WALNUT ST
Mailing City,St,Zip: BERKELEY, CA 947091408
Gen County: Alameda
TSD EPA ID: CAD980675276
TSD County: Kern
Waste Category: Contaminated soil from site clean-up
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 31.02
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

CERS TANKS:

Site ID: 240607
CERS ID: T10000006297
CERS Description: Cleanup Program Site

DRAFT

M SQUARED DEVELOPMENT (Continued) **S117338915**

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

V105 **ZERO WASTE SYSTS INC** **SEMS-ARCHIVE** **1003878533**
WSW **1450 32ND ST** **CAD980637185**
1/4-1/2 **OAKLAND, CA 94608**
0.308 mi.
1626 ft. **Site 3 of 4 in cluster V**

Relative:
Lower

Actual:
15 ft.

SEMS Archive:

Site ID:	901881
EPA ID:	CAD980637185
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

SEMS Archive Detail:

Region:	9
Site ID:	901881
EPA ID:	CAD980637185
Site Name:	ZERO WASTE SYSTS INC
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:	901881
EPA ID:	CAD980637185
Site Name:	ZERO WASTE SYSTS INC
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
Qual:	N
Current Action Lead:	EPA Perf

DRAFT

ZERO WASTE SYSTS INC (Continued) **1003878533**

Region:	9
Site ID:	901881
EPA ID:	CAD980637185
Site Name:	ZERO WASTE SYSTS INC
NPL:	N
FF:	N
OU:	0
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1981-04-01 00:00:00
Finish Date:	1981-04-01 00:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	9
Site ID:	901881
EPA ID:	CAD980637185
Site Name:	ZERO WASTE SYSTS INC
NPL:	N
FF:	N
OU:	0
Action Code:	PA
Action Name:	PA
SEQ:	2
Start Date:	1984-03-01 00:00:00
Finish Date:	1984-07-01 00:00:00
Qual:	L
Current Action Lead:	St Perf

V106 **ATLAS HEATING & AIR CONDITIONING CO** **LUST** **S106661075**
WSW **1451 32ND AVE** **Alameda County CS** **N/A**
1/4-1/2 **OAKLAND, CA 94608** **CERS**
0.312 mi.
1647 ft. **Site 4 of 4 in cluster V**

Relative:
Lower

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=T0600105911
Global Id:	T0600105911
Latitude:	37.8232515979338
Longitude:	-122.284762859344
Status:	Open - Site Assessment
Status Date:	04/13/2004
Case Worker:	KLD
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:	RO0002592
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Four USTs were removed from the site in 2001. However, no reports were submitted due to bankruptcy of the removal company. Confirmation soil samples collected from beneath the USTs indicated that petroleum hydrocarbons were present in soil. However, no map is available to show where the samples were collected. A water sample collected from

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ATLAS HEATING & AIR CONDITIONING CO (Continued) **S106661075**

the tank pit contained 400 a%g/L TVHg, 6.3 a%g/L benzene and 11,000 a%g/L MTBE. An investigation was performed in 2004 to determine the extent of contamination. The maximum contamination was detected off-site and subsequent investigation was proposed and approved by ACEH. However, no report was submitted.

LUST:

Global Id:	T0600105911
Contact Type:	Local Agency Caseworker
Contact Name:	KAREL DETTERMAN
Organization Name:	ALAMEDA COUNTY LOP
Address:	1131 Harbor Bay Parkway
City:	ALAMEDA
Email:	karel.detterman@acgov.org
Phone Number:	5105676708

Global Id:	T0600105911
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:	T0600105911
Action Type:	ENFORCEMENT
Date:	02/27/2012
Action:	File review

Global Id:	T0600105911
Action Type:	ENFORCEMENT
Date:	01/13/2004
Action:	Notice of Responsibility - #20040113

Global Id:	T0600105911
Action Type:	ENFORCEMENT
Date:	02/26/2004
Action:	* Historical Enforcement - #20040226

Global Id:	T0600105911
Action Type:	ENFORCEMENT
Date:	07/13/2004
Action:	* Historical Enforcement - #20040713

Global Id:	T0600105911
Action Type:	ENFORCEMENT
Date:	06/09/2008
Action:	File review - #20080609

Global Id:	T0600105911
Action Type:	Other
Date:	12/01/2000
Action:	Leak Stopped

Global Id:	T0600105911

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ATLAS HEATING & AIR CONDITIONING CO (Continued) **S106661075**

Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Staff Letter - #20090724

Global Id: T0600105911
Action Type: ENFORCEMENT
Date: 06/29/2014
Action: Staff Letter - #20140629

Global Id: T0600105911
Action Type: ENFORCEMENT
Date: 06/07/2016
Action: Staff Letter - #20160607

Global Id: T0600105911
Action Type: RESPONSE
Date: 04/26/2004
Action: Soil and Water Investigation Report

Global Id: T0600105911
Action Type: RESPONSE
Date: 10/13/2004
Action: Soil and Water Investigation Report

Global Id: T0600105911
Action Type: RESPONSE
Date: 07/11/2016
Action: Email Correspondence

Global Id: T0600105911
Action Type: RESPONSE
Date: 07/27/2003
Action: Tank Removal Report / UST Sampling Report

Global Id: T0600105911
Action Type: RESPONSE
Date: 03/17/2017
Action: Soil and Water Investigation Workplan

Global Id: T0600105911
Action Type: ENFORCEMENT
Date: 01/11/2017
Action: Staff Letter - #20170111

Global Id: T0600105911
Action Type: ENFORCEMENT
Date: 06/13/2012
Action: Technical Correspondence / Assistance / Other

Global Id: T0600105911
Action Type: ENFORCEMENT
Date: 01/28/2004
Action: Unauthorized Release Form - #20040128

Global Id: T0600105911
Action Type: Other
Date: 12/01/2000

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ATLAS HEATING & AIR CONDITIONING CO (Continued) **S106661075**

Action: Leak Discovery

Global Id: T0600105911
Action Type: ENFORCEMENT
Date: 07/14/2016
Action: Meeting - #20160714

Global Id: T0600105911
Action Type: RESPONSE
Date: 06/29/2012
Action: Soil and Water Investigation Report

Global Id: T0600105911
Action Type: Other
Date: 01/28/2004
Action: Leak Reported

Global Id: T0600105911
Action Type: ENFORCEMENT
Date: 06/26/2015
Action: Staff Letter - #20150626

Global Id: T0600105911
Action Type: ENFORCEMENT
Date: 04/06/2012
Action: Notice to Comply - #20120406

LUST:
Global Id: T0600105911
Status: Open - Case Begin Date
Status Date: 12/01/2000

Global Id: T0600105911
Status: Open - Site Assessment
Status Date: 02/19/2004

Global Id: T0600105911
Status: Open - Site Assessment
Status Date: 04/13/2004

Alameda County CS:
Status: Preliminary Site Assessment Underway
Record Id: RO0002592
PE: 5602
Facility Status: Preliminary Site Assessment Underway
Latitude: 37.823781122
Longitude: -122.28462746

Status: Preliminary Site Assessment Underway
Record Id: RO0002592
PE: 5602
Facility Status: Preliminary Site Assessment Underway
Latitude: 37.823781122
Longitude: -122.28462746

DRAFT

ATLAS HEATING & AIR CONDITIONING CO (Continued) **S106661075**

Status: Preliminary Site Assessment Underway
Record Id: RO0002592
PE: 5602
Facility Status: Preliminary Site Assessment Underway
Latitude: 37.823781122
Longitude: -122.28462746

Status: Preliminary Site Assessment Underway
Record Id: RO0002592
PE: 5602
Facility Status: Preliminary Site Assessment Underway
Latitude: 37.823781122
Longitude: -122.28462746

CERS TANKS:
Site ID: 251868
CERS ID: T0600105911
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: KAREL 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: 5105676708

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

107
NNE
1/4-1/2
0.317 mi.
1676 ft.

Relative:
Higher

Actual:
50 ft.

FIDELITY ROOF CO
1075 40TH ST
OAKLAND, CA 94608

RCRA-SQG **1000593438**
LUST **CAD982442873**
Alameda County CS
SWEEPS UST
HIST UST
CA FID UST
FINDS
ECHO
HAZNET
HIST CORTESE

RCRA-SQG:
Date form received by agency: 05/13/1991
Facility name: FIDELITY ROOF CO
Facility address: 1075 40TH ST
OAKLAND, CA 94608
EPA ID: CAD982442873

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FIDELITY ROOF CO (Continued) **1000593438**

Contact: UPSHAW JOHN
Contact address: 1075 FORTY ST
OAKLAND, CA 94608
Contact country: US
Contact telephone: 415-547-6330
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: MONTAGUE M UPSHAW
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No

DRAFT

FIDELITY ROOF CO (Continued) **1000593438**

Used oil transporter: No

Violation Status: No violations found

LUST:

Lead Agency:	ALAMEDA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600102117
Global Id:	T0600102117
Latitude:	37.8307270296044
Longitude:	-122.276953607798
Status:	Completed - Case Closed
Status Date:	05/14/2013
Case Worker:	MD
RB Case Number:	01-2301
Local Agency:	ALAMEDA COUNTY LOP
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	RO0000186
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 complete case file for this site is located on the Alameda County Environmental Health website at: http://ehgis.acgov.org/dehpublic/dehpublic.jsp. The site is currently used as a company yard and offices for Fidelity Roof Company. The property is located in a mixed commercial and residential area of Oakland and is bordered to the south by Yerba Buena Avenue, residential properties to the east, commercial and residential properties to the west, and 40th Street to the north. Soil on the site generally consists of clays, with occasional interbedded silts, sands, and gravel. Stabilized groundwater is generally at depths between 5 and 10 feet below ground surface (fbgs). Groundwater appears to have been encountered initially at depths ranging from 12 to 16 fbgs, but this is not specifically reported. Groundwater monitoring has been conducted at the site from March 19, 1997 to December 29, 2011. Contamination on the site is highest in the southeast portion of the site in areas west, northwest, and around the former underground storage tanks (USTs). On December 19, 1995, one 1,000-gallon diesel UST and one 500- or 800-gallon gasoline UST were removed from the southeastern area of the property. Three discrete soil samples and one soil stockpile sample were collected. Soil samples collected beneath the 1,000-gallon diesel UST contained up to 8.7 milligrams per kilogram (mg/kg) Total Petroleum Hydrocarbons as gasoline (TPHg), 29 mg/kg Total Petroleum Hydrocarbons as diesel (TPHd), and 29 mg/kg Methyl Tertiary Butyl Ether (MTBE), and 0.77 mg/kg benzene. Soil samples collected from beneath the 500-gallon UST gasoline contained 100 mg/kg TPHg, 96 mg/kg TPHd, 2.3 mg/kg benzene, and 1.4 mg/kg MTBE (benzene is not reported). The soil stockpile sample contained 580 mg/kg TPHg, 120 mg/kg TPHd, and 42 mg/kg lead. Groundwater was not encountered in the excavation. Holes and corrosion were noted on all portions of the USTs, but the locations were not specifically defined. On September 12, 1996, four soil borings (SB-1 through SB-4) were advanced near the former UST excavation. Soil samples were collected every five feet; only the samples collected at ten fbgs were analyzed. The soil sample collected from boring SB-1 at ten fbgs contained the highest concentrations including up to 290 mg/kg TPHg, 45 mg/kg TPHd, 3.9 mg/kg benzene, and 1.5 mg/kg MTBE. Groundwater was encountered at

FIDELITY ROOF CO (Continued) **1000593438**

approximately 13-15 fbgs and grab groundwater samples were collected from bores SB-2 and SB-4. Concentrations in the grab groundwater samples contained up to 5,500 micrograms per liter (a%g/l) TPHg, 2,100 a%g/l TPHd, 340 a%g/l benzene, and 230 a%g/l MTBE. The tank removal excavation pit remained open and a four-point composite soil sample was collected from the stockpiled soil generated during this event. Two soil samples were additionally collected from the southern wall of the open excavation. On October 25, 1996, the tank removal excavation was overexcavated laterally seven feet to the south and 12 feet to the west. Three sidewall and three four-point composite stockpile soil samples were collected during the excavation activities. The sidewall sample collected from the west wall of the excavation contained the greatest concentration; with 150 mg/kg TPHg, 300 mg/kg TPHd, and 16 mg/kg benzene (MTBE was not analyzed in these samples). The greatest contaminant concentrations in the four-point stockpile samples were 850 mg/kg TPHg, 720 mg/kg TPHd, and 1.3 mg/kg benzene. In November 1996, 235 tons of contaminated soil was disposed of at the BFI Vasco Road Sanitary Landfill in Livermore, CA. On March 6, 1997 three borings (BH-1 through BH-3) were advanced and converted to monitoring wells (MW-1 to MW-3). Soil samples collected from 10 fbgs were analyzed for contamination. Groundwater samples were collected from the wells on March 13, 1997. The soil sample collected from BH-3 (MW-3) contained the greatest TPHg and benzene concentrations of 110 mg/kg and 1.1 mg/kg, respectively. The soil samples collected from BH-2 (MW-2) contained the greatest TPHd concentration of 18 mg/kg. No MTBE was detected in the soil samples. The groundwater sample collected from MW-3 was the only sample with detectable concentrations of constituents other than MTBE. Groundwater from MW-3 contained 26,000 a%g/l TPHg, 5,000 a%g/l TPHd and 3,000 a%g/l benzene. MTBE was detected in MW-1, MW-2, and MW-3 groundwater samples at concentrations of 23, 65, and 230 a%g/l, respectively. The static groundwater depth was measured between 7.59 and 8.25 fbgs. To assess lateral extent of impacted groundwater, six soil borings (SB-1 through SB-6) were drilled south and west of existing well locations on November 4, 1998. The borings were advanced to depths between 15 and 20 fbgs and groundwater was encountered between 12 and 15 fbgs. Soil samples were collected; however, all samples were placed on hold at the laboratory and were not analyzed. In groundwater, TPHd was only detected in upgradient bore SB-1 at a concentration of 2,400 a%g/l. Toluene was the only other detected constituent and was found in SB-6 at a concentration of 0.6 a%g/l. Based on the November 4, 1998 boring results monitoring well MW-4 was requested to be installed upgradient (south) of the former tank locations on July 15, 1999. Two soil samples were collected at 10 and 14 fbgs from the boring. No detectable concentrations of petroleum hydrocarbons were found in the soil samples. Well MW-4 was sampled during the next groundwater monitoring event on August 5, 1999. MTBE was the only detectable constituent in well MW-4 in that sampling event; at a concentration of 37 a%g/l. Groundwater sampled from well MW-3 during the same event contained the highest groundwater concentrations; with 5,100 a%g/l TPHd, 31,000 a%g/l TPHg and 5,400 a%g/l benzene detected. The MW-2 groundwater sample contained 600 a%g/l MTBE. A Corrective Action Plan (CAP) was submitted on July 31, 2001 which evaluated a number of remedial technologies, recommended vapor extraction / air sparging, and proposed that a pilot test of the technology be conducted. The need for the pilot test was accepted in a December 2001 directive letter;

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however, the proposed remedial cleanup goals were not. On May 6, 2004, soil borings AS-1, AS-2, and SVE-1 were completed as two 30 fbgs air sparge wells and one ten fbgs soil vapor extraction well, respectively. Additionally, six shallow vapor points (DP-1 through DP-6) were installed to a depth of 15.5 fbgs on May 12 and 13, 2004. The purpose of the May 6, 2004 well installation was to determine the potential for air sparge/soil vapor extraction (AS/SVE) remediation. Soil samples were collected at approximately five foot intervals from the soil borings. Grab groundwater samples were collected on May 24, 2004 from bores DP-1, DP-2, and DP-3, and groundwater was collected from well MW-3. All contaminant concentrations, with the exception of MTBE, were greatest in shallow vapor point DP-5, located at the edge, but within the area of overexcavation, 15 feet southwest of the former UST area. Soil concentrations, at a depth of 11.5 fbgs, in DP-5 were 2,900 mg/kg TPHg, 830 mg/kg TPHd, 0.012 mg/kg benzene, and <10 mg/kg MTBE. The highest MTBE soil concentration was 0.049 mg/kg, detected in well AS-1 which was located approximately 15 feet west of the former overexcavated UST area. Groundwater samples collected during the event contained up to 90,000 a%g/l TPHg, 26,000 a%g/l TPHd, 6,700 a%g/l benzene, and <1,200 a%g/l MTBE in MW-3. Preliminary tests of the AS/SVE pilot test were conducted during May and June, 2004. Air samples collected during AS/SVE operation contained up to 150,000 micrograms per liter (a%g/L) TPHg (150,000,000 micrograms per cubic meter [a%g/m3]), 1,800 a%g/L (1,800,000 a%g/m3) benzene, and 1,400 a%g/L (1,400,000 a%g/m3) MTBE. Based on the results a combined bio-sparge and SVE remediation system was recommended. After the AS/SVE pilot test light non-aqueous phase liquid (LNAPL) was observed in MW-3 from September 2004 to March 2006. The LNAPL was requested to be removed prior to any corrective action measures. Three mobile LNAPL extraction events were conducted between September and November 2004; 245 gallons of LNAPL and groundwater were extracted and LNAPL thickness was reduced from 0.66 to 0.05 feet. Due to the low permeability of soils, AS/SVE remediation was deemed to be less effective than high vacuum dual phase extraction (HVDPE). Consequently a 5-day HVDPE extraction event was conducted after receipt of permits from EBMUD and the BAAQMD by Cal-Clean between March 8 and March 13, 2006. Approximately 4,900 gallons of groundwater was extracted and discharged to the sanitary sewer collection system. The estimated hydrocarbon recovery from this event was 58.4 lbs., with calculated 1,763 lbs. remaining in the smear zone soils. On December 14, 2006 wells MW-5 and MW-6 were installed to delineate the lateral and downgradient extent of the MTBE plume. Soil samples were collected at approximately 10 and 16 fbgs in each soil bore; groundwater stabilized at 16 and 8 fbgs, respectively. All concentrations in soil (TPHg, TPHd, BTEX, and MTBE) were non-detectable at standard reporting limits. Subsequently a LNAPL recovery system was proposed in March 2007 work plan, and consisted of a passive Keck skimmer device. After a change in consultants a change in the remedial approach was proposed in an April 2007 work plan. The work plan proposed excavation in the vicinity of the former fuel dispenser and LNAPL containing well MW-3 and the implementation of an ozone injection pilot test. A work plan addendum was requested and an addendum included the installation of four soil bores to characterize residual hydrocarbon concentrations associated with the excavation backfill, and beneath the depth of the excavation. On November 23, 2007, wells DP-3, DP-4, DP-5, DP-6, AS-1, AS-2, and MW-3 were decommissioned by pressure grouting. On November 27, 2007, soil

FIDELITY ROOF CO (Continued) **1000593438**

borings B-1 to B-4 were installed to vertically characterize residual concentrations associated with the backfilled UST excavation. Existing reports indicated the excavations were backfilled with uncharacterized cleaner tank excavation spoils below clean fill, while the vertical extent previously had not been determined. The bores were installed to depths ranging from approximately 16 to 30 fbgs in the source zone. Soil and grab groundwater samples were collected from each boring. The highest concentration of TPHd in soil and groundwater was detected in boring B-3 at eight fbgs at 410 mg/kg and 750 a%g/l, respectively. The highest concentration of TPHg in soil and groundwater was detected in boring B-2 at eight fbgs at a concentration of 170 mg/kg and 320 a%g/l, respectively. Boring B-2 also contained the highest concentration of MTBE in soil (at 12 fbgs) and groundwater, at concentrations of 6.5 mg/kg and with 180 a%g/l, respectively. Remedial excavation activities were conducted between March 10 and 12, 2008 immediately north of the Yerba Buena Avenue entrance to the site. The excavation measured approximately 25 by 55 feet and extended to an approximate depth of 12 fbgs. Of the total volume of soil excavated, a total of 282 tons of soil was segregated and disposed of offsite. After completion of excavation activities on March 12, 2007, groundwater was periodically removed from the excavation cavity after allowing it to recharge. A total of 2,500 gallons of hydrocarbon impacted groundwater was extracted over approximately a one week period. One grab groundwater sample (VH-2) was collected from the holding tank containing the extracted recharge water. Nine sidewall soil samples (SW-1 through SW-9) and six pit bottom soil samples (EB-1 through EB-6) were collected from the excavation pit on March 18, 2008. The highest sidewall soil concentrations were collected from the southern wall of the excavation at with 73 mg/kg TPHg, 63 mg/kg TPHd, and 0.003 mg/kg benzene; no MTBE was detected at standard reporting limits. The highest excavation bottom sample concentrations were 170 mg/kg TPHg, 7.4 mg/kg TPHd, 0.012 mg/kg benzene; no MTBE was detected at standard limits of reporting. Additionally, sixteen discrete soil samples (SP-1 through SP-16) were collected from soil stockpiles generated during the excavation that were designated as clean backfill for the excavation pit. Only one soil stockpile sample contained detectable amounts of contaminants, with concentrations of 1.5 mg/kg TPHg and 0.043 mg/kg xylenes. The grab groundwater sample collected from the holding tank contained 100 a%g/l TPHg, 440 a%g/l TPHd, and 8.0 a%g/l xylenes. The interim remedial action report recommended case closure exclusively based on the residual concentrations in soil in the vicinity of the excavation. As a result of the interim remedial excavation ACEH requested that post-excavation groundwater monitoring occur prior to implementation of the ozone injection pilot test, requested soil vapor sampling due to documented benzene concentrations in soil and groundwater, and requested that the extent of the MTBE plume be delineated. Between April 7 and 11, 2011, groundwater monitoring well MW-7 and borings GA-1 through GA-8 were drilled and installed. Soil and grab groundwater samples were collected from each boring. Three soil gas samples (SG/VS-1 through SG/VS-3) were collected from vapor wells adjacent to the building in the eastern portion of the site. Well MW-7 was installed in a submerged condition with the top of the screen approximately six feet below first encountered groundwater; consequently the well does not monitor the groundwater surface but a position below the groundwater surface. The soil sample collected from boring GA-4, advanced in the

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FIDELITY ROOF CO (Continued) **1000593438**

location of the former USTs, at 19.5 fbgs was the only sample to contain constituents other than MTBE. Soil sample GA-4 contained 7.9 mg/kg TPHg, 0.13 mg/kg benzene, and 2.5 mg/kg tert-butyl alcohol (TBA). MTBE was detected in soil from borings GA-1 through GA-4, with the highest concentration detected of 0.89 mg/kg, collected from GA-4. Grab groundwater samples collected from borings GA-2 and GA-4, located closest but downgradient of, the former UST location and the March 2008 excavation area, contained the highest contaminant concentrations. The highest detected concentrations in grab groundwater were 250 a%g/l TPHg, 100 a%g/l benzene, and 1,600 a%g/l MTBE. MTBE was detected in all groundwater samples except those from downgradient borings GA-7 and GA-8. Soil vapor samples collected May 5, June 10, and September 28, 2011 contained concentrations of leak check compounds of up to 28,000 a%g/m3 1,1-Diflouroethane (1,1-DFA), 34,000 a%g/m3 1,1-DFA, and 1,800 a%g/m3 Isopropyl Alcohol (IP), respectively. Because the shroud concentrations of 1,1-DFA were not collected, an estimate of the leak rate cannot be made. While the IP tracer was present in the September 2011 sampling results, shroud concentrations were significantly higher (57,000 a%g/m3 IP). This represents a concentration of 3.16% of the shroud concentration, and is not expected to significantly affect the results. Soil vapor samples collected using the IP tracer documented vapor concentrations of up to <160 a%g/m3 benzene, 26 a%g/m3 toluene, 6.3 a%g/m3 ethylbenzene, and 37.7 a%g/m3 xylenes; each is less than their respective soil gas vapor intrusion ESL. Not all historic documents for the fuel leak 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.

LUST:

Global Id:	T0600102117
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:	T0600102117
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:	T0600102117
Action Type:	ENFORCEMENT
Date:	10/27/2010
Action:	Staff Letter

Global Id:	T0600102117
Action Type:	ENFORCEMENT

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FIDELITY ROOF CO (Continued) **1000593438**

Date: 03/25/2009
Action: Staff Letter - #20090325

Global Id: T0600102117
Action Type: RESPONSE
Date: 09/27/2011
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0600102117
Action Type: ENFORCEMENT
Date: 11/18/2009
Action: File review

Global Id: T0600102117
Action Type: RESPONSE
Date: 01/31/2011
Action: Soil and Water Investigation Report

Global Id: T0600102117
Action Type: Other
Date: 12/19/1995
Action: Leak Stopped

Global Id: T0600102117
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Staff Letter - #20090724

Global Id: T0600102117
Action Type: ENFORCEMENT
Date: 01/06/2012
Action: Staff Letter - #20120106

Global Id: T0600102117
Action Type: ENFORCEMENT
Date: 01/31/2013
Action: Staff Letter - #20130131

Global Id: T0600102117
Action Type: RESPONSE
Date: 03/01/2013
Action: Electronic Reporting Submittal Due

Global Id: T0600102117
Action Type: RESPONSE
Date: 05/21/2009
Action: Soil and Water Investigation Workplan

Global Id: T0600102117
Action Type: Other
Date: 12/19/1995
Action: Leak Discovery

Global Id: T0600102117
Action Type: RESPONSE
Date: 12/22/2011
Action: Clean Up Fund - 5-Year Review Summary

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FIDELITY ROOF CO (Continued) **1000593438**

Global Id: T0600102117
Action Type: RESPONSE
Date: 05/03/2013
Action: Well Destruction Report

Global Id: T0600102117
Action Type: RESPONSE
Date: 11/18/2011
Action: Soil and Water Investigation Report

Global Id: T0600102117
Action Type: REMEDIATION
Date: 03/10/2007
Action: Excavation

Global Id: T0600102117
Action Type: RESPONSE
Date: 09/22/2010
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0600102117
Action Type: ENFORCEMENT
Date: 05/13/2013
Action: Closure/No Further Action Letter - #20130513

Global Id: T0600102117
Action Type: Other
Date: 12/19/1995
Action: Leak Reported

Global Id: T0600102117
Action Type: RESPONSE
Date: 12/09/1998
Action: Soil and Water Investigation Report

Global Id: T0600102117
Action Type: RESPONSE
Date: 08/25/2003
Action: Soil and Water Investigation Report

Global Id: T0600102117
Action Type: RESPONSE
Date: 05/30/1997
Action: Soil and Water Investigation Report

Global Id: T0600102117
Action Type: RESPONSE
Date: 01/07/1997
Action: Other Report / Document

Global Id: T0600102117
Action Type: RESPONSE
Date: 09/03/1999
Action: Soil and Water Investigation Report

Global Id: T0600102117
Action Type: RESPONSE

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FIDELITY ROOF CO (Continued) **1000593438**

Date: 10/07/1996
Action: Preliminary Site Assessment Report

Global Id: T0600102117
Action Type: RESPONSE
Date: 07/31/2001
Action: CAP/RAP - Feasibility Study Report

Global Id: T0600102117
Action Type: RESPONSE
Date: 09/18/1996
Action: Tank Removal Report / UST Sampling Report

Global Id: T0600102117
Action Type: RESPONSE
Date: 08/06/2004
Action: Pilot Study/ Treatability Report

Global Id: T0600102117
Action Type: RESPONSE
Date: 11/05/1996
Action: Tank Removal Report / UST Sampling Report

Global Id: T0600102117
Action Type: ENFORCEMENT
Date: 12/17/2010
Action: Staff Letter

LUST:
Global Id: T0600102117
Status: Open - Case Begin Date
Status Date: 12/19/1995

Global Id: T0600102117
Status: Open - Site Assessment
Status Date: 12/21/1995

Global Id: T0600102117
Status: Open - Site Assessment
Status Date: 09/12/1996

Global Id: T0600102117
Status: Open - Remediation
Status Date: 07/31/2001

Global Id: T0600102117
Status: Open - Site Assessment
Status Date: 12/14/2006

Global Id: T0600102117
Status: Open - Assessment & Interim Remedial Action
Status Date: 03/10/2007

Global Id: T0600102117
Status: Open - Assessment & Interim Remedial Action
Status Date: 03/21/2008

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FIDELITY ROOF CO (Continued) **1000593438**

Global Id: T0600102117
Status: Open - Eligible for Closure
Status Date: 01/23/2013

Global Id: T0600102117
Status: Completed - Case Closed
Status Date: 05/14/2013

LUST REG 2:
Region: 2
Facility Id: 01-2301
Facility Status: Remedial action (cleanup) Underway
Case Number: 3341
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: Tank
Date Leak Confirmed: Not reported
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: 3/16/1998
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:
Status: Case Closed
Record Id: RO0000186
PE: 5602
Facility Status: Case Closed
Latitude: 37.831127824
Longitude: -122.27786599

Status: Case Closed
Record Id: RO0000186
PE: 5602
Facility Status: Case Closed
Latitude: 37.831127824
Longitude: -122.27786599

Status: Case Closed
Record Id: RO0000186
PE: 5602
Facility Status: Case Closed
Latitude: 37.831127824
Longitude: -122.27786599

Status: Case Closed
Record Id: RO0000186
PE: 5602
Facility Status: Case Closed
Latitude: 37.831127824
Longitude: -122.27786599

Status: Case Closed

DRAFT

FIDELITY ROOF CO (Continued) **1000593438**

Record Id: RO0000186
PE: 5602
Facility Status: Case Closed
Latitude: 37.831127824
Longitude: -122.27786599

SWEEPS UST:
Status: Active
Comp Number: 53633
Number: 9
Board Of Equalization: 44-000524
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 1
SWRCB Tank Id: 01-000-053633-000001
Tank Status: A
Capacity: Not reported
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: 1

HIST UST:
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000053633
Facility Type: Other
Other Type: ROOFING COMPANY
Contact Name: GARLAND CHAMBERS
Telephone: 4155476330
Owner Name: FIDELITY ROOF COMPANY
Owner Address: 1075 40TH STREET
Owner City,St,Zip: OAKLAND, CA 94608
Total Tanks: 0001

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: None

CA FID UST:
Facility ID: 01002739
Regulated By: UTNKA
Regulated ID: 00053633
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4155476330
Mail To: Not reported
Mailing Address: 1075 040TH ST

DRAFT

FIDELITY ROOF CO (Continued) **1000593438**

Mailing Address 2: Not reported
Mailing City,St,Zip: OAKLAND 94608
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

FINDS:

Registry ID: 110002813778

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

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

ECHO:
Envid: 1000593438
Registry ID: 110002813778
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110002813778

HAZNET:
envid: 1000593438
Year: 1996
GEPAID: CAD982442873
Contact: MONTAGUE M UPSHAW
Telephone: 4155551212
Mailing Name: Not reported
Mailing Address: 1075 40TH ST
Mailing City,St,Zip: EMERYVILLE, CA 946083616
Gen County: Not reported
TSD EPA ID: CAD044429835
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Treatment, Tank
Tons: .0834
Cat Decode: Not reported
Method Decode: Not reported
Facility County: 1

envid: 1000593438
Year: 1994
GEPAID: CAD982442873
Contact: MONTAGUE M UPSHAW

DRAFT

FIDELITY ROOF CO (Continued) **1000593438**

Telephone:	4155551212
Mailing Name:	Not reported
Mailing Address:	1075 40TH ST
Mailing City,St,Zip:	EMERYVILLE, CA 946083616
Gen County:	Not reported
TSD EPA ID:	CAT080031628
TSD County:	Not reported
Waste Category:	Waste oil and mixed oil
Disposal Method:	Recycler
Tons:	.2919
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	1

HIST CORTESE:

Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-2301

W108
North
1/4-1/2
0.320 mi.
1688 ft.

Relative:
Higher

Actual:
42 ft.

TOSCANA BAKING COMPANY
4070 SAN PABLO AVE
EMERYVILLE, CA 94608

Site 1 of 6 in cluster W

LUST **S101629613**
Alameda County CS **N/A**
SWEEPS UST
HIST UST
CA FID UST
CERS

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=T0600101186
Global Id:	T0600101186
Latitude:	37.8314038805292
Longitude:	-122.278743982315
Status:	Completed - Case Closed
Status Date:	03/11/2013
Case Worker:	MEJ
RB Case Number:	01-1289
Local Agency:	Not reported
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	RO0000171
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. The subject site is one of seven sites with a co-mingled soil and groundwater contaminant plumes sites (Oakland National Engravers; RO0000079; Dunne Quality Paints; RO0000073; San Francisco French Bread Company; RO0000171; Celis Service Station; RO0000453; SNK Andante; RO0002530; Oak Walk; RO0002733, and Magnolia Terrace; RO0003004). The groundwater contaminant plume extends a minimum distance of approximately 1,200 feet in length (see attached paleochannel figure). The soil and groundwater plumes appear to have moved through a series of granular paleochannels (with significant interconnectivity) that is present beneath the sites. The subject site has contributed to residual

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TOSCANA BAKING COMPANY (Continued) **S101629613**

contamination at the Oak Walk site (RO0002733) and to the SNK Andante site (RO0002530). Two USTs were removed in May 1989 and confirmation soil samples detected significantly elevated levels of hydrocarbon contamination in soil. Groundwater monitoring wells were installed in July 1992 to evaluate the dissolved phase plume. This site is considered to be part of Oak Walk Redevelopment (RO0002733), which has been redeveloped as residential condominium and townhouse housing units and commercial retail space.

LUST:

Global Id:	T0600101186
Contact Type:	Regional Board Caseworker
Contact Name:	MARK JOHNSON
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY STREET, SUITE 1400
City:	OAKLAND
Email:	mjohnson@waterboards.ca.gov
Phone Number:	Not reported

LUST:

Global Id:	T0600101186
Action Type:	ENFORCEMENT
Date:	07/24/2009
Action:	Staff Letter - #20090724
Global Id:	T0600101186
Action Type:	ENFORCEMENT
Date:	01/31/2014
Action:	Closure/No Further Action Letter
Global Id:	T0600101186
Action Type:	ENFORCEMENT
Date:	11/20/2009
Action:	File review
Global Id:	T0600101186
Action Type:	Other
Date:	05/24/1989
Action:	Leak Stopped
Global Id:	T0600101186
Action Type:	RESPONSE
Date:	01/30/2012
Action:	CAP/RAP - Feasibility Study Report
Global Id:	T0600101186
Action Type:	RESPONSE
Date:	02/10/2012
Action:	Monitoring Report - Quarterly
Global Id:	T0600101186
Action Type:	ENFORCEMENT
Date:	11/28/2011
Action:	Staff Letter - #20111128
Global Id:	T0600101186
Action Type:	RESPONSE

DRAFT

TOSCANA BAKING COMPANY (Continued) **S101629613**

Date: 12/12/2011
Action: Electronic Reporting Submittal Due

Global Id: T0600101186
Action Type: REMEDIATION
Date: 05/24/1989
Action: Excavation

Global Id: T0600101186
Action Type: RESPONSE
Date: 11/01/2012
Action: Request for Closure

Global Id: T0600101186
Action Type: RESPONSE
Date: 02/02/2013
Action: Request for Closure - Regulator Responded

Global Id: T0600101186
Action Type: ENFORCEMENT
Date: 10/13/2004
Action: Staff Letter - #20041013

Global Id: T0600101186
Action Type: ENFORCEMENT
Date: 06/11/2012
Action: Referral to Regional Board - #20120611

Global Id: T0600101186
Action Type: ENFORCEMENT
Date: 07/03/2008
Action: Staff Letter - #20080703

Global Id: T0600101186
Action Type: RESPONSE
Date: 03/25/1994
Action: Monitoring Report - Quarterly

Global Id: T0600101186
Action Type: RESPONSE
Date: 08/27/1992
Action: Soil and Water Investigation Workplan

Global Id: T0600101186
Action Type: RESPONSE
Date: 01/24/2000
Action: Correspondence

Global Id: T0600101186
Action Type: ENFORCEMENT
Date: 04/22/2013
Action: Notification - Preclosure

Global Id: T0600101186
Action Type: Other
Date: 05/24/1989
Action: Leak Reported

DRAFT

TOSCANA BAKING COMPANY (Continued) **S101629613**

Global Id: T0600101186
Action Type: Other
Date: 05/24/1989
Action: Leak Discovery

Global Id: T0600101186
Action Type: ENFORCEMENT
Date: 01/26/2012
Action: Notice of Responsibility - #20120126

Global Id: T0600101186
Action Type: RESPONSE
Date: 05/31/1989
Action: Soil and Water Investigation Report

Global Id: T0600101186
Action Type: RESPONSE
Date: 03/25/1994
Action: Monitoring Report - Quarterly

Global Id: T0600101186
Action Type: RESPONSE
Date: 10/06/1992
Action: Soil and Water Investigation Report

LUST:
Global Id: T0600101186
Status: Open - Case Begin Date
Status Date: 05/24/1989

Global Id: T0600101186
Status: Open - Site Assessment
Status Date: 09/24/1992

Global Id: T0600101186
Status: Completed - Case Closed
Status Date: 03/11/2013

Global Id: T0600101186
Status: Open - Eligible for Closure
Status Date: 03/11/2013

LUST REG 2:
Region: 2
Facility Id: 01-1289
Facility Status: Preliminary site assessment underway
Case Number: 1509
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: 3/13/1992
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: 7/24/1989
Preliminary Site Assesment Began: 1/2/1965
Pollution Characterization Began: Not reported

DRAFT

TOSCANA BAKING COMPANY (Continued) **S101629613**

Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:
Status: 11
Record Id: RO0000171
PE: 5602
Facility Status: Not reported
Latitude: 37.831659671
Longitude: -122.27988002

Status: 11
Record Id: RO0000171
PE: 5602
Facility Status: Not reported
Latitude: 37.831659671
Longitude: -122.27988002

SWEEPS UST:
Status: Not reported
Comp Number: 68490
Number: Not reported
Board Of Equalization: 44-000770
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-000-068490-000001
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: 2

Status: Not reported
Comp Number: 68490
Number: Not reported
Board Of Equalization: 44-000770
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-000-068490-000002
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: Not reported

HIST UST:
File Number: 000362F3

DRAFT

TOSCANA BAKING COMPANY (Continued) **S101629613**

URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000362F3.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:	01001404
Regulated By:	UTNKI
Regulated ID:	00068490
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4156556986
Mail To:	Not reported
Mailing Address:	4070 SAN PABLO AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	EMERYVILLE 94608
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

CERS TANKS:

Site ID:	243694
CERS ID:	T0600101186
CERS Description:	Leaking Underground Storage Tank Cleanup 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

DRAFT

109 WNW 1/4-1/2 0.322 mi. 1700 ft. | **EAST BAYBRIDGE CENTER**
UNKNOWN YERBA BUENA AVE & HOLLIS ST
EMERYVILLE, CA 94617 | **CPS-SLIC**
CERS | **S106162893**
N/A

Relative: Lower

Actual: 20 ft.

CPS-SLIC:

Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	06/06/2002
Global Id:	T0600191518
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number:	Not reported
Latitude:	37.8287
Longitude:	-122.285
Case Type:	Cleanup Program Site
Case Worker:	UUU
Local Agency:	Not reported
RB Case Number:	01S0226
File Location:	Not reported
Potential Media Affected:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	* Solvents
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

SLIC REG 2:

Region:	2
Facility ID:	01S0226
Facility Status:	Case Closed
Date Closed:	6/6/2002
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:	Not reported
Date Pollution Characterization Began:	6/6/1990
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

CERS TANKS:

Site ID:	210739
CERS ID:	T0600191518
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

DRAFT

W110 North 1/4-1/2 0.329 mi. 1737 ft. | **BLACK & WHITE (B&W)**
4053 SAN PABLO AVENUE
EMERYVILLE, CA 94608

Site 2 of 6 in cluster W

US BROWNFIELDS FINDS | **1016345522**
N/A

Relative: Higher

Actual: 42 ft.

US BROWNFIELDS:

Property Name:	BLACK & WHITE (B&W)
Recipient Name:	Emeryville, City of
Grant Type:	Assessment
Property Number:	049 0618 022 00
Parcel size:	.57
Latitude:	37.83183
Longitude:	-122.27982
HCM Label:	Address Matching-House Number
Map Scale:	1:24,000
Point of Reference:	Center of a Facility or Station
Highlights:	Not reported
Datum:	Not reported
Acres Property ID:	20241
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completition Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	5830
Assessment Funding Source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	Not reported
Grant Type:	Hazardous & Petroleum
Accomplishment Type:	Phase I Environmental Assessment
Accomplishment Count:	1
Cooperative Agreement Number:	96947201
Start Date:	12/19/2005 00:00:00
Ownership Entity:	Private
Completion Date:	12/19/2005 00:00:00
Current Owner:	JA and Catherine Pavlatos
Did Owner Change:	Not reported
Cleanup Required:	Not reported
Video Available:	Not reported
Photo Available:	Y
Institutional Controls Required:	Not reported
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:	U
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

DRAFT

BLACK & WHITE (B&W) (Continued) **1016345522**

Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
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

DRAFT

BLACK & WHITE (B&W) (Continued) **1016345522**

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:	Former warehouse and other light industrial uses
Below Poverty Number:	1050
Below Poverty Percent:	15.7%
Meidan Income:	8377
Meidan Income Number:	2335
Meidan Income Percent:	34.9%
Vacant Housing Number:	538
Vacant Housing Percent:	13.7%
Unemployed Number:	451
Unemployed Percent:	6.7%

FINDS:

Registry ID: 110038695864

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.

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111 NNW 1/4-1/2 0.331 mi. 1746 ft. | **A C TRANSIT - EMERYVILLE** | **ENVIROSTOR** | **S116165226**
45TH STREET & SAN PABLO AVENUE | **N/A**
EMERYVILLE, CA 94608

Relative: Higher
Actual: 39 ft.

ENVIROSTOR:

Facility ID:	1410002
Status:	Refer: RWQCB
Status Date:	04/24/1987
Site Code:	Not reported
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED

DRAFT

A C TRANSIT - EMERYVILLE (Continued) **S116165226**

Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Berkeley
Assembly:	15
Senate:	09
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	37.8312
Longitude:	-122.281
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	* HYDROCARBON SOLVENTS
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

X112 **ENNIS/AC TRANSIT** **US BROWNFIELDS** **1016345520**
North **40TH AND ADELINE STREET** **FINDS** **N/A**
1/4-1/2 **EMERYVILLE, CA 94608**
0.335 mi.
1768 ft. **Site 1 of 3 in cluster X**

Relative:
Higher

Actual:
48 ft.

US BROWNFIELDS:

Property Name:	ENNIS/AC TRANSIT
Recipient Name:	Emeryville, City of
Grant Type:	Assessment
Property Number:	049-1025-026-03
Parcel size:	.03
Latitude:	37.8312835
Longitude:	-122.2782357
HCM Label:	Not reported
Map Scale:	Not reported
Point of Reference:	Not reported
Highlights:	Not reported
Datum:	World Geodetic System of 1984
Acres Property ID:	20201
IC Data Access:	Not reported

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ENNIS/AC TRANSIT (Continued) **1016345520**

Start Date:	Not reported
Redev Completition Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	28000
Assessment Funding Source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	Not reported
Grant Type:	Hazardous & Petroleum
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	1
Cooperative Agreement Number:	96947201
Start Date:	12/14/2005 00:00:00
Ownership Entity:	Government
Completion Date:	05/24/2006 00:00:00
Current Owner:	City of Emeryville
Did Owner Change:	N
Cleanup Required:	Y
Video Available:	N
Photo Available:	Y
Institutional Controls Required:	U
IC Category Proprietary Controls:	Not reported
IC Cat. Info. Devices:	Not reported
IC Cat. Gov. Controls:	Not reported
IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
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

DRAFT

ENNIS/AC TRANSIT (Continued) **1016345520**

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:	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:	Previously owned by Southern Pacific Rail Road, portion of former rail spur

DRAFT

ENNIS/AC TRANSIT (Continued) **1016345520**

Below Poverty Number:	1486
Below Poverty Percent:	19.0%
Meidan Income:	8804
Meidan Income Number:	2911
Meidan Income Percent:	37.3%
Vacant Housing Number:	623
Vacant Housing Percent:	14.0%
Unemployed Number:	494
Unemployed Percent:	6.3%

FINDS:

Registry ID: 110038695846

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.

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113 West 1/4-1/2 0.340 mi. 1796 ft.

ACM ASBESTOS ABATEMENT
3438 HELEN STREET
OAKLAND, CA 94608

ENVIROSTOR **S118757108**
N/A

Relative: Lower
Actual: 14 ft.

ENVIROSTOR:

Facility ID:	60000371
Status:	No Action Required
Status Date:	12/14/2006
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	0.36
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:	37.82630
Longitude:	-122.2862
APN:	7-609-26-2
Past Use:	NONE
Potential COC:	Polychlorinated biphenyls (PCBs
Confirmed COC:	Polychlorinated biphenyls (PCBs
Potential Description:	SED
Alias Name:	7-609-26-2

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ACM ASBESTOS ABATEMENT (Continued) **S118757108**

Alias Type: APN
Alias Name: 60000371
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: 06/30/2006
Comments: Further Action Required based on sediment sampling results which showed elevated levels of polychlorinated biphenyls.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 12/14/2006
Comments: Site visit was conducted on November 3, 2006. No sediment samples could be collected to verify the City of Oakland 2005 investigation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 12/01/2003
Comments: Drums had been removed from 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

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114 West 1/4-1/2 0.341 mi. 1799 ft.

MACARTHUR ST. ON-RAMP WIDENING PROJECT
I-580 FROM LOUISE TO ETTIE STREETS
OAKLAND, CA 94608

ENVIROSTOR VCP **S116165234 N/A**

Relative: Lower
Actual: 15 ft.

ENVIROSTOR:
Facility ID: 1470008
Status: No Further Action
Status Date: 09/02/2009
Site Code: 201560
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 6.77
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

DRAFT

MACARTHUR ST. ON-RAMP WIDENING PROJECT (Continued) **S116165234**

Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.82713
Longitude: -122.2861
APN: NONE SPECIFIED
Past Use: RAILROAD RIGHT OF WAY
Potential COC: Arsenic Lead TPH-diesel TPH-MOTOR OIL Mercury and compounds Polynuclear aromatic hydrocarbons (PAHs
Confirmed COC: Arsenic Lead Polynuclear aromatic hydrocarbons (PAHs TPH-diesel Mercury and compounds 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: 1470008
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 6.77
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: 201560
Assembly: 18
Senate: 09
Special Programs Code: Voluntary Cleanup Program
Status: No Further Action
Status Date: 09/02/2009
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 37.82713 / -122.2861
APN: NONE SPECIFIED
Past Use: RAILROAD RIGHT OF WAY
Potential COC: 30001, 30013, 30024, 3002502, 30357, 30472

DRAFT

MACARTHUR ST. ON-RAMP WIDENING PROJECT (Continued) **S116165234**

Confirmed COC: 30001,30013,30472,30024,30357,3002502
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

W115
North
1/4-1/2
0.343 mi.
1813 ft.

Relative:
Higher

Actual:
45 ft.

CELIS TEXACO SERVICE STATION
4000 SAN PABLO AVE
EMERYVILLE, CA 94608

Site 3 of 6 in cluster W

LUST **S101624414**
Alameda County CS **N/A**
SWEEPS UST
CA FID UST
HIST CORTESE
CERS

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=T0600101794
Global Id: T0600101794
Latitude: 37.831079755509
Longitude: -122.279639840126
Status: Open - Eligible for Closure
Status Date: 04/17/2013
Case Worker: MEJ
RB Case Number: 01-1938
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: Gasoline
Site History: A Phase I assessment completed in 1993 detected the presence of six USTs associated with the former service station. A Phase II investigation completed in August 1993 detected significantly elevated levels of TPHg and benzene in soil. In May 1994, six UST were removed and holes were noted in two of the USTs. Confirmation soil sampling detected elevated levels of contamination in soil in the former tank pit. In January 1995 interim remedial action was completed and 2,300 cubic yards of contaminated soil was removed and disposed offsite. Additional site characterization was completed in 2006 and 2007 to evaluate the lateral extent of contamination. 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:

DRAFT

CELIS TEXACO SERVICE STATION (Continued) **S101624414**

http://ehgis.acgov.org/dehpublic/dehpublic.jsp. The subject site is one of seven sites with a co-mingled soil and groundwater contaminant plumes sites (Oakland National Engravers; RO0000079; Dunne Quality Paints; RO0000073; San Francisco French Bread Company; RO0000171; Celis Service Station; RO0000453; SNK Andante; RO0002530; Oak Walk; RO0002733, and Magnolia Terrace; RO0003004). The groundwater contaminant plume extends a minimum distance of approximately 1,200 feet in length (see paleochannel figure). The soil and groundwater plumes appear to have moved through a series of granular paleochannels (with significant interconnectivity) that is present beneath the sites. The subject site appears to have contributed significant residual contamination to the Oak Walk site (RO0002733). A Corrective Action Plan (CAP) had previously been generated and fully implemented for the Oak Walk site after a required 30-day public participation period was conducted. Unfortunately the remedial efforts at Oak Walk were not successful in meeting the stated CAP objectives and ACEH requested further a further remedial effort in November 2011. Groundwater concentrations on the adjacent Oak Walk site in September 2010 were up to 1,800 a%g/l TPHd, 3,400 a%g/l TPHms, 49,000 a%g/l TPHg, and 14,000 a%g/l benzene (and included other standard fuel related compounds). In March 2012, concentrations up to 2,200 a%g/l TPHd, 3,500 a%g/l TPHms, 26,000 a%g/l TPHg, and 9,500 a%g/l benzene were present. These groundwater concentrations indicate that a significant residual source remains at, or in proximity to, the Oak Walk site. Please be aware that the extent of contaminant migration from the Celis Service Station site on to the adjacent SNK Andante Project site (RO0002530) appears to have been partly controlled by very old abandoned foundational elements that apparently allowed free-phase and groundwater with elevated concentrations to migrate into and beneath that site. While speculative, this may have been an element of contaminant migration into the Oak Walk site (RO0002733) from the Celis site. Please also be aware that the presence of MTBE beneath Oak Walk may tie this contamination to the Celis Service Station as MTBE is generally not seen at the San Francisco Bread Company (RO0000171) site. Finally please be aware that rather than the submittal of an updated CAP, a risk assessment was submitted for the Oak Walk site in response to the request for further remedial efforts.

LUST:

Global Id:	T0600101794
Contact Type:	Regional Board Caseworker
Contact Name:	MARK JOHNSON
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY STREET, SUITE 1400
City:	OAKLAND
Email:	mjohnson@waterboards.ca.gov
Phone Number:	Not reported

LUST:

Global Id:	T0600101794
Action Type:	ENFORCEMENT
Date:	05/31/2012
Action:	Staff Letter - #20120531
Global Id:	T0600101794
Action Type:	ENFORCEMENT

CELIS TEXACO SERVICE STATION (Continued) **S101624414**

Date: 02/17/2011
Action: Staff Letter

Global Id: T0600101794
Action Type: Other
Date: 05/18/1994
Action: Leak Stopped

Global Id: T0600101794
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Staff Letter - #20090724

Global Id: T0600101794
Action Type: Other
Date: 08/07/1993
Action: Leak Discovery

Global Id: T0600101794
Action Type: RESPONSE
Date: 09/29/2017
Action: Well Destruction Report

Global Id: T0600101794
Action Type: ENFORCEMENT
Date: 11/28/2011
Action: Staff Letter - #20111128

Global Id: T0600101794
Action Type: RESPONSE
Date: 12/09/2011
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0600101794
Action Type: RESPONSE
Date: 12/12/2011
Action: Electronic Reporting Submittal Due

Global Id: T0600101794
Action Type: RESPONSE
Date: 01/30/2012
Action: Soil and Water Investigation Workplan

Global Id: T0600101794
Action Type: RESPONSE
Date: 02/10/2012
Action: Monitoring Report - Quarterly

Global Id: T0600101794
Action Type: REMEDIATION
Date: 06/15/1994
Action: Excavation

Global Id: T0600101794
Action Type: ENFORCEMENT
Date: 06/11/2012
Action: Referral to Regional Board - #20120611

DRAFT

CELIS TEXACO SERVICE STATION (Continued) **S101624414**

Global Id: T0600101794
Action Type: ENFORCEMENT
Date: 02/17/2011
Action: Technical Correspondence / Assistance / Other

Global Id: T0600101794
Action Type: ENFORCEMENT
Date: 08/22/2005
Action: Staff Letter - #20050822

Global Id: T0600101794
Action Type: RESPONSE
Date: 12/09/2011
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0600101794
Action Type: RESPONSE
Date: 10/15/1998
Action: Request for Closure

Global Id: T0600101794
Action Type: RESPONSE
Date: 01/17/1994
Action: Preliminary Site Assessment Report

Global Id: T0600101794
Action Type: RESPONSE
Date: 11/09/2007
Action: Correspondence

Global Id: T0600101794
Action Type: RESPONSE
Date: 01/06/1995
Action: Remedial Progress Report

Global Id: T0600101794
Action Type: RESPONSE
Date: 11/13/1997
Action: Soil and Water Investigation Report

Global Id: T0600101794
Action Type: RESPONSE
Date: 05/26/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0600101794
Action Type: Other
Date: 01/14/1994
Action: Leak Reported

Global Id: T0600101794
Action Type: ENFORCEMENT
Date: 11/20/2009
Action: File review

Global Id: T0600101794
Action Type: RESPONSE

DRAFT

CELIS TEXACO SERVICE STATION (Continued) **S101624414**

Date: 04/15/1998
Action: Monitoring Report - Quarterly

Global Id: T0600101794
Action Type: RESPONSE
Date: 06/29/1993
Action: Other Report / Document

Global Id: T0600101794
Action Type: RESPONSE
Date: 01/08/1998
Action: Monitoring Report - Other

Global Id: T0600101794
Action Type: RESPONSE
Date: 04/22/2005
Action: Other Report / Document

Global Id: T0600101794
Action Type: RESPONSE
Date: 08/29/2007
Action: Soil and Water Investigation Report

Global Id: T0600101794
Action Type: RESPONSE
Date: 07/17/1998
Action: Monitoring Report - Quarterly

Global Id: T0600101794
Action Type: RESPONSE
Date: 12/26/2007
Action: Monitoring Report - Other

Global Id: T0600101794
Action Type: RESPONSE
Date: 02/18/2010
Action: Monitoring Report - Semi-Annually

Global Id: T0600101794
Action Type: RESPONSE
Date: 07/22/2009
Action: Monitoring Report - Other

Global Id: T0600101794
Action Type: RESPONSE
Date: 07/09/1994
Action: Tank Removal Report / UST Sampling Report

Global Id: T0600101794
Action Type: RESPONSE
Date: 11/22/1994
Action: Soil and Water Investigation Report

Global Id: T0600101794
Action Type: RESPONSE
Date: 09/08/1993
Action: Preliminary Site Assessment Report

DRAFT

CELIS TEXACO SERVICE STATION (Continued) **S101624414**

Global Id: T0600101794
Action Type: RESPONSE
Date: 03/30/1994
Action: Soil and Water Investigation Report

Global Id: T0600101794
Action Type: ENFORCEMENT
Date: 04/22/2013
Action: Notification - Preclosure

Global Id: T0600101794
Action Type: RESPONSE
Date: 10/02/2017
Action: Request for Closure - Regulator Responded

Global Id: T0600101794
Action Type: RESPONSE
Date: 12/08/2010
Action: Clean Up Fund - 5-Year Review Summary

LUST:
Global Id: T0600101794
Status: Open - Case Begin Date
Status Date: 08/07/1993

Global Id: T0600101794
Status: Open - Site Assessment
Status Date: 08/07/1993

Global Id: T0600101794
Status: Open - Site Assessment
Status Date: 01/18/2008

Global Id: T0600101794
Status: Open - Eligible for Closure
Status Date: 04/17/2013

LUST REG 2:
Region: 2
Facility Id: 01-1938
Facility Status: Preliminary site assessment workplan submitted
Case Number: 567
How Discovered: OM
Leak Cause: Other Cause
Leak Source: Tank
Date Leak Confirmed: 7/6/1994
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: 1/2/1965
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

DRAFT

CELIS TEXACO SERVICE STATION (Continued) **S101624414**

Alameda County CS:

Status:	Pollution Characterization
Record Id:	RO0000453
PE:	5602
Facility Status:	Pollution Charaterization
Latitude:	37.830952463
Longitude:	-122.2796503

Status:	Pollution Characterization
Record Id:	RO0000453
PE:	5602
Facility Status:	Pollution Charaterization
Latitude:	37.830952463
Longitude:	-122.2796503

SWEEPS UST:

Status:	Active
Comp Number:	48043
Number:	2
Board Of Equalization:	44-000455
Referral Date:	07-25-91
Action Date:	11-15-93
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	01-000-048043-000001
Tank Status:	A
Capacity:	6000
Active Date:	07-25-91
Tank Use:	M.V. FUEL
STG:	P
Content:	LEADED
Number Of Tanks:	6

Status:	Active
Comp Number:	48043
Number:	2
Board Of Equalization:	44-000455
Referral Date:	07-25-91
Action Date:	11-15-93
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	01-000-048043-000002
Tank Status:	A
Capacity:	7500
Active Date:	07-25-91
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	Not reported

Status:	Active
Comp Number:	48043
Number:	2
Board Of Equalization:	44-000455
Referral Date:	07-25-91
Action Date:	11-15-93

DRAFT

CELIS TEXACO SERVICE STATION (Continued) **S101624414**

Created Date: 02-29-88
Owner Tank Id: 3
SWRCB Tank Id: 01-000-048043-000003
Tank Status: A
Capacity: 3500
Active Date: 07-25-91
Tank Use: M.V. FUEL
STG: P
Content: PRM UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 48043
Number: 2
Board Of Equalization: 44-000455
Referral Date: 07-25-91
Action Date: 11-15-93
Created Date: 02-29-88
Owner Tank Id: 4
SWRCB Tank Id: 01-000-048043-000004
Tank Status: A
Capacity: 4000
Active Date: 07-25-91
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 48043
Number: 2
Board Of Equalization: 44-000455
Referral Date: 07-25-91
Action Date: 11-15-93
Created Date: 02-29-88
Owner Tank Id: 5
SWRCB Tank Id: 01-000-048043-000005
Tank Status: A
Capacity: 2000
Active Date: 07-25-91
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 48043
Number: 2
Board Of Equalization: 44-000455
Referral Date: 07-25-91
Action Date: 11-15-93
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 01-000-048043-000006
Tank Status: A
Capacity: 600
Active Date: 07-25-91

DRAFT

CELIS TEXACO SERVICE STATION (Continued) **S101624414**

Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 01002714
Regulated By: UTNKA
Regulated ID: 00048043
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: 4000 SAN PABLO AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: EMERYVILLE 94608
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: 01-1938

CERS TANKS:
Site ID: 236291
CERS ID: T0600101794
CERS Description: Leaking Underground Storage Tank Cleanup 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

DRAFT

X116 **CITY OF EMERYVILLE / MAGNOLIA TERRACE RESIDENTIAL** **CPS-SLIC** **S109604720**
North **4001 ADELINE ST** **Alameda County CS** **N/A**
1/4-1/2 **EMERYVILLE, CA 94508** **CERS**
0.344 mi.
1816 ft. **Site 2 of 3 in cluster X**

Relative:
Higher

Actual:
47 ft.

CPS-SLIC:

Region:	STATE
Facility Status:	**Open - Site Assessment**
Status Date:	05/29/2009
Global Id:	T10000001166
Lead Agency:	ALAMEDA COUNTY LOP
Lead Agency Case Number:	RO0003004
Latitude:	37.8315331064474
Longitude:	-122.278389930725
Case Type:	Cleanup Program Site
Case Worker:	MD
Local Agency:	ALAMEDA COUNTY LOP
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:	Other Chlorinated Hydrocarbons, Other Solvent or Non-Petroleum Hydrocarbon, Lead, Diesel, Gasoline, Stoddard solvent / Mineral Spriits / Distillates
Site History:	Small triangular parcel at NW corner of Adeline & 40th Street merged with portion of parcel to west (formerly a portion of the parking lot of the San Francisco French Bread Co site) and redeveloped as part of the Oak Walk Redevelopment, to allow move of offsite Victorian house to the expanded parcel. Site investigated for a series of contaminants as a part of that action, and as a result of a series of environmental investigations in the immediate vicinity (SNK Andante across 40th [RO0002530], Oak Walk to west [RO0002733], San Francisco French Bread [RO0000171] a part of this parcel, Dunn Paint [RO0000073] and Oakland National Engravers to NE [RO0000079], and others). There are apparently limited sources on this site; however, near surface metals investigated as were PAHs, VOCs, and hydrocarbons in soil, groundwater, and soil vapor from apparently offsite sources. 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.

Click here to access the California GeoTracker records for this facility:

Alameda County CS:

Status:	Pollution Characterization
Record Id:	RO0003004
PE:	5502
Facility Status:	Pollution Charaterization
Latitude:	Not reported
Longitude:	Not reported

Status:	Pollution Characterization
Record Id:	RO0003004
PE:	5502
Facility Status:	Pollution Charaterization
Latitude:	Not reported
Longitude:	Not reported

Draft

CITY OF EMERYVILLE / MAGNOLIA TERRACE RESIDENTIAL (Continued) **S109604720**

Status:	Pollution Characterization
Record Id:	RO0003004
PE:	5502
Facility Status:	Pollution Charaterization
Latitude:	Not reported
Longitude:	Not reported

CERS TANKS:

Site ID:	194673
CERS ID:	T10000001166
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

DRAFT

X117 **MAGNOLIA COURT** **US BROWNFIELDS** **1016375840**
North **4001 ADELINE STREET** **FINDS** **N/A**
1/4-1/2 **EMERYVILLE, CA 94608**
0.344 mi.
1816 ft. **Site 3 of 3 in cluster X**

Relative:
Higher

Actual:
47 ft.

US BROWNFIELDS:

Property Name:	MAGNOLIA COURT
Recipient Name:	Emeryville, City of
Grant Type:	Assessment
Property Number:	APN 049-1025-026-05
Parcel size:	.08
Latitude:	37.83172260000001
Longitude:	-122.2779208
HCM Label:	Address Matching-House Number
Map Scale:	Not reported
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	Not reported
Datum:	World Geodetic System of 1984
Acres Property ID:	103585
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completition Date:	06/30/2011 00:00:00
Completed Date:	Not reported

MAGNOLIA COURT (Continued) **1016375840**

Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	25000
Assessment Funding Source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment Funding:	69572
Redev. Funding Source:	Private/Other Funding
Redev. Funding Entity Name:	Public
Redevelopment Start Date:	05/01/2010 00:00:00
Assessment Funding Entity:	EPA
Cleanup Funding Entity:	Not reported
Grant Type:	Petroleum
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	96921301
Start Date:	10/01/2005 00:00:00
Ownership Entity:	Not reported
Completion Date:	05/01/2006 00:00:00
Current Owner:	Not reported
Did Owner Change:	Not reported
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
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Y
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

DRAFT

MAGNOLIA COURT (Continued) **1016375840**

Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Not reported
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	1
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:	.08
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:	1486
Below Poverty Percent:	19.0%
Meidan Income:	8804
Meidan Income Number:	2911

DRAFT

MAGNOLIA COURT (Continued) **1016375840**

Meidan Income Percent:	37.3%
Vacant Housing Number:	623
Vacant Housing Percent:	14.0%
Unemployed Number:	494
Unemployed Percent:	6.3%

Property Name:	MAGNOLIA COURT
Recipient Name:	Emeryville, City of
Grant Type:	Assessment
Property Number:	APN 049-1025-026-05
Parcel size:	.08
Latitude:	37.83172260000001
Longitude:	-122.2779208
HCM Label:	Address Matching-House Number
Map Scale:	Not reported
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	Not reported
Datum:	World Geodetic System of 1984
Acres Property ID:	103585
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completition Date:	06/30/2011 00:00:00
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	25000
Assessment Funding Source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment Funding:	235000
Redev. Funding Source:	Other Federal Funding
Redev. Funding Entity Name:	Federal
Redevelopment Start Date:	05/01/2010 00:00:00
Assessment Funding Entity:	EPA
Cleanup Funding Entity:	Not reported
Grant Type:	Petroleum
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	96921301
Start Date:	10/01/2005 00:00:00
Ownership Entity:	Not reported
Completion Date:	05/01/2006 00:00:00
Current Owner:	Not reported
Did Owner Change:	Not reported
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

DRAFT

MAGNOLIA COURT (Continued) **1016375840**

Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Y
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:	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:	1
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:	.08
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

DRAFT

MAGNOLIA COURT (Continued) **1016375840**

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:	1486
Below Poverty Percent:	19.0%
Meidan Income:	8804
Meidan Income Number:	2911
Meidan Income Percent:	37.3%
Vacant Housing Number:	623
Vacant Housing Percent:	14.0%
Unemployed Number:	494
Unemployed Percent:	6.3%

Property Name:	MAGNOLIA COURT
Recipient Name:	Emeryville, City of
Grant Type:	Assessment
Property Number:	APN 049-1025-026-05
Parcel size:	.08
Latitude:	37.83172260000001
Longitude:	-122.2779208
HCM Label:	Address Matching-House Number
Map Scale:	Not reported
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	Not reported
Datum:	World Geodetic System of 1984
Acres Property ID:	103585
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completition Date:	06/30/2011 00:00:00
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	25000
Assessment Funding Source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment Funding:	570003
Redev. Funding Source:	Other Federal Funding
Redev. Funding Entity Name:	Federal
Redevelopment Start Date:	05/01/2010 00:00:00
Assessment Funding Entity:	EPA
Cleanup Funding Entity:	Not reported

DRAFT

MAGNOLIA COURT (Continued) **1016375840**

Grant Type:	Petroleum
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	96921301
Start Date:	10/01/2005 00:00:00
Ownership Entity:	Not reported
Completion Date:	05/01/2006 00:00:00
Current Owner:	Not reported
Did Owner Change:	Not reported
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
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Y
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:	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:	1
Past use greenspace acreage:	Not reported

DRAFT

MAGNOLIA COURT (Continued) **1016375840**

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:	.08
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:	1486
Below Poverty Percent:	19.0%
Meidan Income:	8804
Meidan Income Number:	2911
Meidan Income Percent:	37.3%
Vacant Housing Number:	623
Vacant Housing Percent:	14.0%
Unemployed Number:	494
Unemployed Percent:	6.3%

Property Name:	MAGNOLIA COURT
Recipient Name:	Emeryville, City of
Grant Type:	Assessment
Property Number:	APN 049-1025-026-05
Parcel size:	.08

DRAFT

MAGNOLIA COURT (Continued) **1016375840**

Latitude:	37.83172260000001
Longitude:	-122.2779208
HCM Label:	Address Matching-House Number
Map Scale:	Not reported
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	Not reported
Datum:	World Geodetic System of 1984
Acres Property ID:	103585
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completition Date:	06/30/2011 00:00:00
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	25000
Assessment Funding Source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment Funding:	190000
Redev. Funding Source:	State/Tribal Funding (non-section 128(a))
Redev. Funding Entity Name:	State
Redevelopment Start Date:	05/01/2010 00:00:00
Assessment Funding Entity:	EPA
Cleanup Funding Entity:	Not reported
Grant Type:	Petroleum
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	96921301
Start Date:	10/01/2005 00:00:00
Ownership Entity:	Not reported
Completion Date:	05/01/2006 00:00:00
Current Owner:	Not reported
Did Owner Change:	Not reported
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
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Not reported

DRAFT

MAGNOLIA COURT (Continued) **1016375840**

No media affected:	Not reported
Unknown media affected:	Y
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:	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:	1
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:	.08
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

DRAFT

MAGNOLIA COURT (Continued) **1016375840**

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:	1486
Below Poverty Percent:	19.0%
Meidan Income:	8804
Meidan Income Number:	2911
Meidan Income Percent:	37.3%
Vacant Housing Number:	623
Vacant Housing Percent:	14.0%
Unemployed Number:	494
Unemployed Percent:	6.3%

Property Name:	MAGNOLIA COURT
Recipient Name:	Emeryville, City of
Grant Type:	Assessment
Property Number:	APN 049-1025-026-05
Parcel size:	.08
Latitude:	37.83172260000001
Longitude:	-122.2779208
HCM Label:	Address Matching-House Number
Map Scale:	Not reported
Point of Reference:	Entrance Point of a Facility or Station
Highlights:	Not reported
Datum:	World Geodetic System of 1984
Acres Property ID:	103585
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completition Date:	06/30/2011 00:00:00
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	25000
Assessment Funding Source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment Funding:	1425000
Redev. Funding Source:	Local Funding
Redev. Funding Entity Name:	City
Redevelopment Start Date:	05/01/2010 00:00:00
Assessment Funding Entity:	EPA
Cleanup Funding Entity:	Not reported
Grant Type:	Petroleum
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	96921301
Start Date:	10/01/2005 00:00:00
Ownership Entity:	Not reported
Completion Date:	05/01/2006 00:00:00
Current Owner:	Not reported
Did Owner Change:	Not reported
Cleanup Required:	Y
Video Available:	Not reported

DRAFT

MAGNOLIA COURT (Continued) **1016375840**

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
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Y
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:	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:	1
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:	.08
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

DRAFT

MAGNOLIA COURT (Continued) **1016375840**

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:	1486
Below Poverty Percent:	19.0%
Meidan Income:	8804
Meidan Income Number:	2911
Meidan Income Percent:	37.3%
Vacant Housing Number:	623
Vacant Housing Percent:	14.0%
Unemployed Number:	494
Unemployed Percent:	6.3%

FINDS:

Registry ID: 110054625027

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.

DRAFT

W118 North 1/4-1/2 0.349 mi. 1844 ft. | **OAK WALK REDEVELOPMENT SITE**
4090 SAN PABLO AVE
EMERYVILLE, CA 94608 | **Alameda County CS** | **S107526510**
N/A

Site 4 of 6 in cluster W

Relative: Higher

Actual: 43 ft.

Alameda County CS:

Status:	11
Record Id:	RO0002733
PE:	5502
Facility Status:	Not reported
Latitude:	37.831850235
Longitude:	-122.27994195

Status:	11
Record Id:	RO0002733
PE:	5502
Facility Status:	Not reported
Latitude:	37.831850235
Longitude:	-122.27994195

Status:	11
Record Id:	RO0002733
PE:	5502
Facility Status:	Not reported
Latitude:	37.831850235
Longitude:	-122.27994195

Status:	11
Record Id:	RO0002733
PE:	5502
Facility Status:	Not reported
Latitude:	37.831850235
Longitude:	-122.27994195

DRAFT

W119 North 1/4-1/2 0.349 mi. 1844 ft. | **OAK WALK REDEVELOPMENT SITE**
4090 SAN PABLO AVENUE
EMERYVILLE, CA 94608 | **CPS-SLIC**
DEED
HAZNET
CERS | **S112972919**
N/A

Site 5 of 6 in cluster W

Relative: Higher

Actual: 43 ft.

CPS-SLIC:

Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	11/21/2012
Global Id:	T06019705080
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number:	Not reported
Latitude:	37.8316030154564
Longitude:	-122.279334068298
Case Type:	Cleanup Program Site
Case Worker:	MEJ
Local Agency:	Not reported
RB Case Number:	01S0734
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:	Benzene, Gasoline, Stoddard solvent / Mineral Spriits / Distillates
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:

OAK WALK REDEVELOPMENT SITE (Continued) **S112972919**

http://ehgis.acgov.org/dehpublic/dehpublic.jsp. The subject site is one of seven sites with a co-mingled soil and groundwater contaminant plumes sites (Oakland National Engravers; RO0000079; Dunne Quality Paints; RO0000073; San Francisco French Bread Company; RO0000171; Celis Service Station; RO0000453; SNK Andante; RO0002530; Oak Walk; RO0002733, and Magnolia Terrace; RO0003004). The groundwater contaminant plume extends a minimum distance of approximately 1,200 feet in length (see attached paleochannel figure). The soil and groundwater plumes appear to have moved through a series of granular paleochannels (with significant interconnectivity) that is present beneath the sites. Sites immediately adjacent to the subject site appear to be the source of significant residual gasoline contamination at the subject site (San Francisco French Bread Company; RO0000171 and Celis Service Station; RO0000453). A Corrective Action Plan (CAP) has previously been generated and fully implemented for the subject site after a required 30-day public participation period was conducted. Unfortunately the remedial efforts were not successful in meeting the stated CAP objectives and ACEH requested further a further remedial effort in November 2011. Groundwater concentrations in September 2010 were up to 1,800 a%g/l TPHd, 3,400 a%g/l TPHms, 49,000 a%g/l TPHg, and 14,000 a%g/l benzene (and included other standard fuel related compounds). In March 2012, concentrations up to 2,200 a%g/l TPHd, 3,500 a%g/l TPHms, 26,000 a%g/l TPHg, and 9,500 a%g/l benzene were present. Rather than the submittal of an updated CAP, a risk assessment was submitted in response to the request for further remedial efforts. The presence of MTBE beneath Oak Walk may tie this contamination to the Celis Service Station as MTBE is generally not seen at the San Francisco Bread Company site. You should be aware that the extent of contaminant migration from the Celis Service Station site on to the adjacent SNK Andante site (RO0002530) appears to have been partly controlled by very old abandoned foundational elements that apparently allowed free-phase and groundwater with elevated concentrations to migrate into and beneath that site significantly further than anticipated during redevelopment planning. While speculative for this site, this may have been an element of contaminant migration into the Oak Walk site from the Celis site.

Click here to access the California GeoTracker records for this facility:

DEED:

Envirostor ID: T06019705080
Area: Not reported
Sub Area: Not reported
Site Type: SLIC
Status: COMPLETED - CASE CLOSED
Agency: SWRCB
Covenant Uploaded: Y
Deed Date(s): 11/09/2012
File Name: Geotracker Land Use/Deed Restrictions

Envirostor ID: T06019705080
Area: Not reported
Sub Area: Not reported
Site Type: SLIC
Status: COMPLETED - CASE CLOSED
Agency: SWRCB

DRAFT

OAK WALK REDEVELOPMENT SITE (Continued) **S112972919**

Covenant Uploaded: Y
Deed Date(s): 11/09/2012
File Name: Geotracker Land Use/Deed Restrictions

Envirostor ID: T06019705080
Area: Not reported
Sub Area: Not reported
Site Type: SLIC
Status: COMPLETED - CASE CLOSED
Agency: SWRCB
Covenant Uploaded: Y
Deed Date(s): 11/09/2012
File Name: Geotracker Land Use/Deed Restrictions

Envirostor ID: T06019705080
Area: Not reported
Sub Area: Not reported
Site Type: SLIC
Status: COMPLETED - CASE CLOSED
Agency: SWRCB
Covenant Uploaded: Y
Deed Date(s): 11/09/2012
File Name: Geotracker Land Use/Deed Restrictions

Envirostor ID: T06019705080
Area: Not reported
Sub Area: Not reported
Site Type: SLIC
Status: COMPLETED - CASE CLOSED
Agency: SWRCB
Covenant Uploaded: Y
Deed Date(s): 11/09/2012
File Name: Geotracker Land Use/Deed Restrictions

HAZNET:
envid: S112972919
Year: 2009
GEPAID: CAC002634557
Contact: MARILYN PONTE
Telephone: 5108738880
Mailing Name: Not reported
Mailing Address: 1300 CLAY ST STE 620
Mailing City,St,Zip: OAKLAND, CA 94612
Gen County: Not reported
TSD EPA ID: CAT080013352
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: 0.834
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

CERS TANKS:
Site ID: 223125

DRAFT

OAK WALK REDEVELOPMENT SITE (Continued) **S112972919**

CERS ID: T06019705080
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

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120 WSW 1/4-1/2 0.350 mi. 1848 ft. | **PARTCH PROPERTY 2856 HELEN ST OAKLAND, CA 94608** | **LUST Alameda County CS HIST CORTESE CERS** | **S103472362 N/A**

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=T0600102240
Global Id: T0600102240
Latitude: 37.8232021
Longitude: -122.2855484
Status: Completed - Case Closed
Status Date: 08/12/1999
Case Worker: Not reported
RB Case Number: 01-2431
Local Agency: Not reported
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: RO0000177
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0600102240
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: T0600102240
Action Type: REMEDIATION
Date: 09/09/9999
Action: Not reported

Global Id: T0600102240
Action Type: ENFORCEMENT
Date: 08/12/1999

DRAFT

PARTCH PROPERTY (Continued) **S103472362**

Action: Closure/No Further Action Letter - #19990812

Global Id: T0600102240
Action Type: Other
Date: 09/03/1996
Action: Leak Reported

LUST:
Global Id: T0600102240
Status: Open - Case Begin Date
Status Date: 08/28/1996

Global Id: T0600102240
Status: Completed - Case Closed
Status Date: 08/12/1999

LUST REG 2:
Region: 2
Facility Id: 01-2431
Facility Status: Preliminary site assessment underway
Case Number: 170
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: 11/26/1996
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: Case Closed
Record Id: RO0000177
PE: 5602
Facility Status: Case Closed
Latitude: 37.822533742
Longitude: -122.28515803

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-2431

CERS TANKS:
Site ID: 215880
CERS ID: T0600102240
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker

DRAFT

PARTCH PROPERTY (Continued) **S103472362**

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

W121 **SAN FRANCISCO FRENCH BREA** **HIST CORTESE** **S103065901**
North **4070 SAN PABLO** **N/A**
1/4-1/2 **OAKLAND, CA 94621**
0.351 mi.
1853 ft. **Site 6 of 6 in cluster W**

Relative:
Higher

Actual:
43 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-1289

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122 **THERM-TEC OF CALIFORNIA** **WMUDS/SWAT** **S101310321**
NW **4000 HARLAN ST.** **N/A**
1/4-1/2 **EMERYVILLE, CA 94608**
0.361 mi.
1904 ft.

Relative:
Lower

Actual:
29 ft.

WMUDS/SWAT:

Edit Date:	Not reported
Complexity:	Not reported
Primary Waste:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Base Meridian:	MD
NPID:	Not reported
Tonnage:	0
Regional Board ID:	Not reported
Municipal Solid Waste:	False
Superorder:	False
Open To Public:	False
Waste List:	False
Agency Type:	Not reported
Agency Name:	THERM-TEC OF CALIFORNIA
Agency Department:	Not reported
Agency Address:	Not reported
Agency City,St,Zip:	94608
Agency Contact:	Not reported
Agency Telephone:	4156581152
Land Owner Name:	BREUNER PROPERTY MGMT. CO.
Land Owner Address:	2900 SAN PABLO AVE.
Land Owner City,St,Zip:	BERKELEY, CA 94702
Land Owner Contact:	Not reported
Land Owner Phone:	4158432224
Region:	2

DRAFT

THERM-TEC OF CALIFORNIA (Continued) **S101310321**

Facility Type:	Not reported
Facility Description:	Not reported
Facility Telephone:	Not reported
SWAT Facility Name:	THERM-TEC OF CALIFORNIA
Primary SIC:	Not reported
Secondary SIC:	Not reported
Comments:	Not reported
Last Facility Editors:	Not reported
Waste Discharge System:	False
Solid Waste Assessment Test Program:	True
Toxic Pits Cleanup Act Program:	False
Resource Conservation Recovery Act:	False
Department of Defence:	False
Solid Waste Assessment Test Program:	THERM-TEC OF CALIFORNIA
Threat to Water Quality:	Not reported
Sub Chapter 15:	False
Regional Board Project Officer:	UN1
Number of WMUDS at Facility:	1
Section Range:	01S03W
RCRA Facility:	Not reported
Waste Discharge Requirements:	Not reported
Self-Monitoring Rept. Frequency:	Not reported
Waste Discharge System ID:	2 010010NUR
Solid Waste Information ID:	01-AA-0014

123
SSE
1/4-1/2
0.363 mi.
1916 ft.

WSB ELECTRIC COMPANY
3032 MARKET ST
OAKLAND, CA 94608

LUST **S103472378**
Alameda County CS **N/A**
SWEEPS UST
HIST CORTESE
CERS

Relative:
Lower

Actual:
31 ft.

LUST:

Lead Agency:	ALAMEDA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101627
Global Id:	T0600101627
Latitude:	37.8211464
Longitude:	-122.2762572
Status:	Completed - Case Closed
Status Date:	04/16/1997
Case Worker:	Not reported
RB Case Number:	01-1759
Local Agency:	Not reported
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	RO0001181
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0600101627
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

DRAFT

WSB ELECTRIC COMPANY (Continued) **S103472378**

LUST:
Global Id: T0600101627
Action Type: REMEDIATION
Date: 09/09/9999
Action: Excavation

Global Id: T0600101627
Action Type: Other
Date: 10/31/1989
Action: Leak Reported

LUST:
Global Id: T0600101627
Status: Open - Case Begin Date
Status Date: 10/31/1989

Global Id: T0600101627
Status: Completed - Case Closed
Status Date: 04/16/1997

LUST REG 2:
Region: 2
Facility Id: 01-1759
Facility Status: Case Closed
Case Number: 3766
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: 7/10/1993
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

Alameda County CS:
Status: Case Closed
Record Id: RO0001181
PE: 5602
Facility Status: Case Closed
Latitude: 37.820794486
Longitude: -122.27620058

SWEEPS UST:
Status: Not reported
Comp Number: 4689
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

DRAFT

WSB ELECTRIC COMPANY (Continued) **S103472378**

SWRCB Tank Id: 01-000-004689-000001
Tank Status: Not reported
Capacity: 2000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: WASTE
Content: REG UNLEADED
Number Of Tanks: 2

Status: Not reported
Comp Number: 4689
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: 01-000-004689-000002
Tank Status: Not reported
Capacity: 2000
Active Date: Not reported
Tank Use: OIL
STG: WASTE
Content: WASTE OIL
Number Of Tanks: Not reported

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-1759

CERS TANKS:
Site ID: 223485
CERS ID: T0600101627
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

DRAFT

Y124 **RANSOME COMPANY MAIN YARD** **ENVIROSTOR** **1000384031**
NW **4030 HOLLIS ST** **LUST** **N/A**
1/4-1/2 **EMERYVILLE, CA 94608** **Alameda County CS**
0.380 mi. **SWEEPS UST**
2006 ft. **Site 1 of 5 in cluster Y** **HIST UST**
CA FID UST
Relative: **HIST CORTESE**
Lower **CERS**

Actual:
21 ft.

ENVIROSTOR:

Facility ID:	1160019
Status:	Refer: Local Agency
Status Date:	06/15/2009
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	10
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Denise Tsuji
Division Branch:	Cleanup Berkeley
Assembly:	15
Senate:	09
Special Program:	EPA - PASI
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	EPA Grant
Latitude:	37.82903
Longitude:	-122.2846
APN:	NONE SPECIFIED
Past Use:	MANUFACTURING - OTHER
Potential COC:	Benzene TPH-diesel TPH-gas TPH-MOTOR OIL Ethylbenzene Toluene Xylenes Not reported
Confirmed COC:	30003-NO 30024-NO 30025-NO 30272-NO 30550-NO 3002502-NO 30593-NO
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:	ALAMEDA COUNTY LOP

DRAFT

RANSOME COMPANY MAIN YARD (Continued) **1000384031**

Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101124
Global Id:	T0600101124
Latitude:	37.8296836713373
Longitude:	-122.284677028656
Status:	Completed - Case Closed
Status Date:	06/28/2013
Case Worker:	KEN
RB Case Number:	01-1223
Local Agency:	ALAMEDA COUNTY LOP
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	RO0000049
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Polychlorinated biphenyls (PCBs), Lead, Zinc, Benzene, Diesel, Ethylbenzene, Gasoline, Heating Oil
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. The Alameda County Environmental Health case file for Ransome Company may contain files for the other East Baybridge Center redevelopment project including the following associated cases: Bay Area Warehouse/Santa Fe Terminal Services Area C (RO0000369), M&N Warehouse (RO0003092), Clipper Exxpress, LDS, and SFTS Areas A and B (RO0003093), and the Peralta Street Right Of Way (RO0003111). The Ransome Company site, formerly leased an approximately four and one-half- acre property within the 51-acre retail and residential redevelopment project named the East Baybridge Center (EBC). Due to the size and history of the EBC property, Catellus Land Development Corporation (Catellus), the EBC developer, used three areas transected by Yerba Buena Avenue and Hollis Street to aid with the geographic distinction during the environmental characterization of the EBC development. The portion of the EBC property east of Hollis Street and south of Yerba Buena Avenue was designated Area A; the area east of Hollis Street and north of Yerba Buena Avenue was designated Area B; and the area west of Hollis Street was designated Area C. These area designations were used throughout EBC site redevelopment. Sites occupying Area A of the EBC project consisted of Santa Fe Terminal Services (SFTS)-Area A, Clipper Exxpress warehouse, LDS warehouse, and the segment of Peralta Street between San Pablo Avenue and Emery Street. The ownership of the Peralta Street Right Of Way (ROW) was transferred to Catellus by the City of Emeryville on April 14, 1992. Area B of the EBC project consisted of SFTS-Area B, and the Ransome Construction Company. Area C of the EBC project consisted of SFTS-Area C, Bashland, Bay Area Warehouse, and M and N Trucking Warehouse. The SFTS areas were operated by the railroad company and consisted of railroad tracks and sidings and open areas for the storage of rolling stock. Except for Peralta Street ROW and Ransome, the sites in areas A, B and C consisted of warehouse structures serviced by rail sidings alongside the buildings. Ransome was also serviced by a rail siding but lacked a large warehouse structure. Unimproved access roads typically paralleled the rail road tracks. ACEH case files for the sites within the EBC development consist of RO0000049 (Ransome), RO0000326 (Bashland), RO0000369 (Bay Area Warehouse and SFTS-Area C), RO0003092 (M and N Trucking Warehouse), RO0003093 (Clipper Exxpress, LDS, and SFTS Areas A and B), and RO0003111 (Peralta Street ROW). The property is currently owned by PAC Residential Group, Inc. The portion of the EBC development comprising the Ransome site consists of two parcels

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RANSOME COMPANY MAIN YARD (Continued) **1000384031**

having APNs 49-619-1 and 49-619-4 in the City of Emeryville, California. The site as currently developed consists of Bridgecourt, four three-story structures of 220 apartments, with a parking garage on the ground floor. End units of the residential structures consist of single story commercial suites. The Ransome site occupied the northwestern portion of Area B within the pre-EBC development. The approximate triangular-shaped site was situated near the southeast side of the existing Hollis and 40th Streets. Prior to its existing configuration, the northern portion of 40th Street was occupied by sets of rail tracks and an access road. The northern boundary of the Ransome site extended northward to the approximate centerline of the current 40th Street. The western site boundary extended westward into the Hollis Street right of way. The property was previously occupied by a Western Electric Company yard (1911). By 1930 Hutchinson Company operated an asphalt batch plant with a concrete UST for oil storage, asphalt kettles & mixer, and an asphalt tank. The Ransome Company, an engineering and construction firm, occupied the site from about 1938 in to the 1980s. Historical operations at the Ransome facility included asphalt concrete mixing, metal working, and vehicle repair. DTSC assessed the property (case number 01160019) in 1980 and 1987. Ransome operated four underground storage tanks (USTs) (two 4,000-gallon diesel, one 10,000-gallon and one 1,000-gallon gasoline), two of which failed a 1988 tank pressure test. Results of the pressure tests indicated leaks in the diesel dispenser piping and in one of the regular gasoline USTs. Ransome also operated a partially buried waste oil tank and an above ground asphalt emulsion tank. The site stored 55-gallon drums containing lubricants and transmission fluid for their fleet of vehicles. Reported on-site practices included the spraying of used oil along the property perimeter and interior for weed control. Excavation activities at the site uncovered several buried concrete vaults which were removed, broken up, and off hauled. The four fuel USTs were removed on April 8, 1990. In 1990 Catellus Development Corp demolished the site structures as part of the EBC redevelopment. Site characterization work conducted in 1989 through 1992 detected maximum concentrations of 11,000 milligrams per kilogram (mg/kg) total petroleum hydrocarbons as gasoline (TPHg), total petroleum hydrocarbons as diesel (TPHd) to 2,700 mg/kg, total petroleum hydrocarbons as oil (TPHo) to 4,600 mg/kg, total oil and grease (TOG) to 17,000 mg/kg, benzene at 100 mg/kg, and polychlorinated biphenyls (PCBs) up to 28 mg/kg in soil. Grab groundwater samples detected up to 20,000 micrograms per liter (g/L) TPHg, 12,000 g/L TPHd, and 3,000 g/L benzene in groundwater. Near surface PCB-contaminated soil was encountered it the northern area of the Ransome site. Approximately 300 cu yds of PCB contaminated soil was disposed at a US Ecology facility located 12 miles south of Beatty, Nevada off Hwy 95. The source of PCBs at the site was not identified. Investigation of the PCB-impacted area suggested an off-site source north of the Ransome facility. PCB concentrations remaining in the north head wall of the excavation at the northern property boundary were 28 mg/kg. The location of the northern property boundary is situated at the centerline of the current 40th Street. The PCB excavation was backfilled using imported class II AB. PCB contamination was limited to the shallow (<3 feet below the ground surface-bgs). No PCB compounds were detected beneath the footprint of the Bridgecourt development. Approximately 17,200 cu yds of petroleum contaminated soil was excavated between October and December 1990,

RANSOME COMPANY MAIN YARD (Continued) **1000384031**

with 5,480 cu yds reported placed in aeration cells located both on and off-site with another 4,100 cu yds transported to Port Costa Materials in Port Costa, CA for thermal treatment. The balance of the excavated soil was placed in stockpiles for future placement under building pads and low-permeable paved areas in off-site EBC areas south of the Ransome site in accordance with the Soil Containment Plan prepared for the 51 acre redevelopment project. Additional excavation work was performed in December 1991 through March 1992 with the removal of 9,600 cu yds of gasoline contaminated soil. The soil was either stockpiled for future placement under off-site building pad and low-permeable paved areas in the soil containment area or placed in aeration cells for possible reuse on site. Precipitation and surface runoff during winter 1991/ 1992 resulted in episodes of water ponding in the excavation area. The ponded water was observed to have a sheen. Approximately 17,600 gallons of petroleum contaminated water was pumped in vacuum trucks for offsite recycling. Clean import fill and approximately 2,500 cu yds of aerated soil meeting the cleanup criteria were used to backfill the excavations. Residual hydrocarbon concentrations in the soil prior to backfill were 32 mg/kg TPHg, 73 mg/kg TPHd, benzene up to 0.35 mg/kg, and 700 mg/kg TOG. The highest hydrocarbon concentrations were in the northern sidewall along the northern property boundary, within the 40th Street right-of-way. The final verification samples showed residual soil contamination left in place met the cleanup goals with the exception of three samples collected at 10 feet along the northern property boundary. Based on the redevelopment of the area, the residual contamination was situated near the center-line beneath 40th Street while TPH and BTEX compounds left in place beneath the footprint of the Bridgecourt development consisted of 3.3 mg/kg TPHg, 73 mg/kg TPHd, benzene up to 0.014 mg/kg, and 700 mg/kg TOG. In October 1993, two USTs were encountered in the 40th Street-side of the Ransom site during grading activities. One tank was a 350-gallon gasoline UST, and the other was a presumed heating oil tank. The 350-gallon UST was removed from the site. Sampling in the tank pit detected 330 mg/kg TPHg, 65 mg/kg TPHd, 480 mg/kg TPHmo, and 77 mg/kg TOG. Approximately 20 cu yds of soil were removed during the over excavation of the 350-gallon UST pit. Residual soil contamination for TOG was up to 70 mg/kg. TPHg, TPHd, TPHo and BTEX compounds were reported below the laboratory reporting limits. The excavated soil was aerated and transferred to a stockpile for later placement under building pads or under low permeability paved parking. The second UST was assumed to be a heating oil tank. No documentation was submitted documenting the size, sampling, or fate of this oil UST. A groundwater monitoring well (LF-8) was installed up gradient in January 1990 near the northeastern-most corner of the Ransome site. Groundwater monitoring well (LF-16) was installed off-site down gradient in February 1990. Three on-site groundwater monitoring wells (W-1, W-2 and W-3) were installed in November, 1990. Results of monitoring well sampling conducted in 1990 detected up to 2,200 g/L TPHg, 1,900 g/L TPHd, and 270 g/L benzene. Monitoring wells W-1, W-2 and W-3 were decommissioned in mid-November, 1990 prior to the start of excavation of contaminated soil. Upon completion of the excavation work, five on-site groundwater monitoring wells (LF-24 through LF-28) were installed in May 1992 with an additional on site monitoring well, LF-29, installed in October 1992. The wells were sampled at a roughly quarterly basis until their decommissioning in July 1993 in preparation for site

RANSOME COMPANY MAIN YARD (Continued) **1000384031**

development. A west-southwesterly groundwater flow was determined. Depths to groundwater varied from 3.13 to 14.40 feet bgs. The six on-site wells were sampled between May 1992 and July 1993. Up to 1,000 a%g/L TPHd concentrations, 90 a%g/L TPHg, 5,600 a%g/L TOG, and benzene concentrations to 1 a%g/L were detected. Monitoring wells LF-24 through LF-29 were decommissioned in July 1993 in preparation of site development activities. Upon completion of grading activities onsite well MW-1 was installed in July 1994. MW-1 was decommissioned in December 1996 prior to construction of the retail/residential complex. Depth to water variations for MW-1 ranged from 13.38 feet to 14.88 feet bgs with a west-southwesterly groundwater flow. Up to 300 a%g/L TPHd was detected and TPHg and BTEX compounds were not detected. Site cleanup levels for the Ransome site were established at 10 mg/kg for TPHg and 100 mg/kg for TPHd, 1,000 mg/kg for TOG, BTEX compounds were to remain below 1 mg/kg (cumulative) and a PCB clean up goal of 1 mg/kg. The site backfill criteria were 500 mg/kg TOG, 10 mg/kg TPHd, 10 mg/kg TPHg, and non-detect for BTEX. Both the cleanup and backfill criteria were met for the Bridgecourt development. 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.

LUST:

Global Id:	T0600101124
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:	T0600101124
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:	T0600101124
Action Type:	REMEDIATION
Date:	09/03/1991
Action:	Excavation

Global Id:	T0600101124
Action Type:	RESPONSE
Date:	12/21/1992
Action:	Interim Remedial Action Report

Global Id:	T0600101124
Action Type:	RESPONSE
Date:	07/26/1991
Action:	Other Report / Document

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RANSOME COMPANY MAIN YARD (Continued) **1000384031**

Global Id: T0600101124
Action Type: RESPONSE
Date: 01/31/2002
Action: Monitoring Report - Quarterly

Global Id: T0600101124
Action Type: ENFORCEMENT
Date: 11/27/1989
Action: Technical Correspondence / Assistance / Other - #19891127

Global Id: T0600101124
Action Type: ENFORCEMENT
Date: 08/04/1993
Action: Staff Letter - #19930804

Global Id: T0600101124
Action Type: ENFORCEMENT
Date: 06/10/1994
Action: Staff Letter - #19940610

Global Id: T0600101124
Action Type: Other
Date: 01/08/1990
Action: Leak Stopped

Global Id: T0600101124
Action Type: RESPONSE
Date: 06/28/2004
Action: Well Destruction Report

Global Id: T0600101124
Action Type: ENFORCEMENT
Date: 07/03/2008
Action: Technical Correspondence / Assistance / Other - #20080703

Global Id: T0600101124
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Staff Letter - #20090724

Global Id: T0600101124
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Notice of Violation - #20090724

Global Id: T0600101124
Action Type: ENFORCEMENT
Date: 05/23/1988
Action: Staff Letter - #19880523

Global Id: T0600101124
Action Type: ENFORCEMENT
Date: 06/28/2013
Action: Closure/No Further Action Letter - #20130628

Global Id: T0600101124
Action Type: RESPONSE

DRAFT

RANSOME COMPANY MAIN YARD (Continued) **1000384031**

Date: 04/15/1992
Action: Well Installation Workplan

Global Id: T0600101124
Action Type: RESPONSE
Date: 10/27/1994
Action: Well Installation Report

Global Id: T0600101124
Action Type: ENFORCEMENT
Date: 11/27/1989
Action: Technical Correspondence / Assistance / Other - #19891127

Global Id: T0600101124
Action Type: RESPONSE
Date: 08/10/2009
Action: Electronic Reporting Submittal Due

Global Id: T0600101124
Action Type: RESPONSE
Date: 08/15/1990
Action: Soil and Water Investigation Report

Global Id: T0600101124
Action Type: RESPONSE
Date: 08/15/1990
Action: Soil and Water Investigation Report

Global Id: T0600101124
Action Type: RESPONSE
Date: 10/29/1993
Action: Well Destruction Report

Global Id: T0600101124
Action Type: RESPONSE
Date: 11/08/1990
Action: CAP/RAP - Other Report

Global Id: T0600101124
Action Type: RESPONSE
Date: 10/31/1996
Action: Monitoring Report - Quarterly

Global Id: T0600101124
Action Type: RESPONSE
Date: 11/19/1991
Action: Interim Remedial Action Report

Global Id: T0600101124
Action Type: RESPONSE
Date: 08/04/1992
Action: Well Destruction Report

Global Id: T0600101124
Action Type: RESPONSE
Date: 09/15/1992
Action: Well Installation Workplan

DRAFT

RANSOME COMPANY MAIN YARD (Continued) **1000384031**

Global Id: T0600101124
Action Type: RESPONSE
Date: 12/28/1989
Action: Other Report / Document

Global Id: T0600101124
Action Type: RESPONSE
Date: 07/03/1991
Action: Other Report / Document

Global Id: T0600101124
Action Type: RESPONSE
Date: 08/23/1990
Action: Preliminary Site Assessment Workplan - Addendum

Global Id: T0600101124
Action Type: RESPONSE
Date: 01/10/1994
Action: Tank Removal Report / UST Sampling Report

Global Id: T0600101124
Action Type: RESPONSE
Date: 01/29/1993
Action: Well Installation Report

Global Id: T0600101124
Action Type: RESPONSE
Date: 04/28/1995
Action: Monitoring Report - Quarterly

Global Id: T0600101124
Action Type: RESPONSE
Date: 10/31/1995
Action: Monitoring Report - Quarterly

Global Id: T0600101124
Action Type: RESPONSE
Date: 08/15/1990
Action: Soil and Water Investigation Report

Global Id: T0600101124
Action Type: RESPONSE
Date: 10/26/1990
Action: Soil and Water Investigation Report

Global Id: T0600101124
Action Type: RESPONSE
Date: 08/30/1991
Action: Correspondence

Global Id: T0600101124
Action Type: RESPONSE
Date: 01/16/1991
Action: CAP/RAP - Other Report

Global Id: T0600101124
Action Type: RESPONSE

DRAFT

RANSOME COMPANY MAIN YARD (Continued) **1000384031**

Date: 10/29/1993
Action: Monitoring Report - Quarterly

Global Id: T0600101124
Action Type: RESPONSE
Date: 01/31/1995
Action: Monitoring Report - Quarterly

Global Id: T0600101124
Action Type: RESPONSE
Date: 07/25/1990
Action: Soil and Water Investigation Workplan

Global Id: T0600101124
Action Type: RESPONSE
Date: 04/12/1993
Action: Monitoring Report - Quarterly

Global Id: T0600101124
Action Type: RESPONSE
Date: 08/15/1990
Action: Soil and Water Investigation Report

Global Id: T0600101124
Action Type: RESPONSE
Date: 07/31/1995
Action: Monitoring Report - Quarterly

Global Id: T0600101124
Action Type: ENFORCEMENT
Date: 04/19/2013
Action: Notification - Public Notice of Case Closure - #20130419

Global Id: T0600101124
Action Type: ENFORCEMENT
Date: 05/23/1988
Action: Staff Letter - #19880523

Global Id: T0600101124
Action Type: ENFORCEMENT
Date: 06/05/2012
Action: File review

Global Id: T0600101124
Action Type: Other
Date: 03/15/1990
Action: Leak Reported

Global Id: T0600101124
Action Type: Other
Date: 01/08/1990
Action: Leak Discovery

Global Id: T0600101124
Action Type: RESPONSE
Date: 09/01/2010
Action: Clean Up Fund - 5-Year Review Summary

DRAFT

RANSOME COMPANY MAIN YARD (Continued) **1000384031**

Global Id: T0600101124
Action Type: RESPONSE
Date: 12/21/1992
Action: Interim Remedial Action Report

Global Id: T0600101124
Action Type: RESPONSE
Date: 12/21/1992
Action: Interim Remedial Action Report

LUST:
Global Id: T0600101124
Status: Open - Case Begin Date
Status Date: 01/08/1990

Global Id: T0600101124
Status: Open - Site Assessment
Status Date: 01/08/1990

Global Id: T0600101124
Status: Open - Remediation
Status Date: 01/06/1991

Global Id: T0600101124
Status: Open - Verification Monitoring
Status Date: 07/12/1994

Global Id: T0600101124
Status: Open - Eligible for Closure
Status Date: 04/10/2013

Global Id: T0600101124
Status: Completed - Case Closed
Status Date: 06/28/2013

Alameda County CS:
Status: Pollution Characterization
Record Id: RO0000049
PE: 5602
Facility Status: Pollution Charaterization
Latitude: Not reported
Longitude: Not reported

Status: Pollution Characterization
Record Id: RO0000049
PE: 5602
Facility Status: Pollution Charaterization
Latitude: Not reported
Longitude: Not reported

Status: Pollution Characterization
Record Id: RO0000049
PE: 5602
Facility Status: Pollution Charaterization
Latitude: Not reported

DRAFT

RANSOME COMPANY MAIN YARD (Continued) **1000384031**

Longitude: Not reported

HIST UST:

File Number:	00036296
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00036296.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:	01-1223
Region:	CORTESE
Facility County Code:	1
Reg By:	CALSI
Reg Id:	01160019

CERS TANKS:

Site ID:	221413
CERS ID:	T0600101124
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

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
Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)

DRAFT

RANSOME COMPANY MAIN YARD (Continued) **1000384031**

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

Y125 **BAY AREA WAREHOUSE CO** **LUST** **U001599254**
NW **4001 HOLLIS ST** **Alameda County CS** **N/A**
1/4-1/2 **EMERYVILLE, CA 94608** **HIST UST**
0.380 mi. **HIST CORTESE**
2009 ft. **Site 2 of 5 in cluster Y**

Relative:
Lower

Actual:
21 ft.

LUST REG 2:

Region:	2
Facility Id:	01-0155
Facility Status:	Preliminary site assessment underway
Case Number:	1851
How Discovered:	Tank Closure
Leak Cause:	Structure Failure
Leak Source:	Tank
Date Leak Confirmed:	Not reported
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:	Case Closed
Record Id:	RO0000369
PE:	5602
Facility Status:	Case Closed
Latitude:	37.829628234
Longitude:	-122.28542255

Status:	Case Closed
Record Id:	RO0000369
PE:	5602
Facility Status:	Case Closed
Latitude:	37.829628234
Longitude:	-122.28542255

HIST UST:

File Number:	000364CE
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000364CE.pdf
Region:	STATE
Facility ID:	00000006003
Facility Type:	Other
Other Type:	PUBLIC WAREHOUSE
Contact Name:	Not reported
Telephone:	4156531166
Owner Name:	WELLSON,INC

DRAFT

BAY AREA WAREHOUSE CO (Continued) **U001599254**

Owner Address:	4001 HOLLIS ST
Owner City,St,Zip:	EMERYVILLE, CA 94608
Total Tanks:	0001
Tank Num:	001
Container Num:	001
Year Installed:	Not reported
Tank Capacity:	00002000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor

Click here for Geo Tracker PDF:

HIST CORTESE:

Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-0155

126
NE
1/4-1/2
0.381 mi.
2013 ft.

Relative:
Higher

Actual:
60 ft.

TOSCANA BAKERY
3924 MARKET ST
OAKLAND, CA 94608

LUST **S101580124**
Alameda County CS **N/A**
SWEEPS UST
HIST UST
CA FID UST
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=T0600101187
Global Id:	T0600101187
Latitude:	37.8302031719854
Longitude:	-122.27392984425
Status:	Open - Site Assessment
Status Date:	05/15/1995
Case Worker:	KEN
RB Case Number:	01-1290
Local Agency:	ALAMEDA COUNTY LOP
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	RO0000490
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	The site is occupied by a single story commercial building with adjacent paved parking. The building is on a raised floor with basement and is currently occupied by Atthowe Fine Arts Services for storage, packaging, and shipping of fine art. One 500-gallon UST, reported to contain diesel fuel, and a fuel dispenser were removed from the site in March 1991. Analysis of confirmation samples performed following over excavation of the UST pit determined residual concentrations of total petroleum hydrocarbons (TPH) as gasoline (TPHg), and benzene at concentrations of 210 milligrams per kilogram (mg/kg) and 0.4 mg/kg, respectively. In 1995, three groundwater monitoring wells were installed and sampled quarterly for approximately one year. Maximum concentrations reported through 1996

DRAFT

TOSCANA BAKERY (Continued) **S101580124**

included 220 micrograms per liter (ug/L) TPHg, 10,000 ug/L TPH as diesel (TPHd), and 3.5 ug/L, 1.0 ug/L, 3.0 ug/L for benzene, toluene, and xylenes (BTX) compounds, respectively. Ethylbenzene (E) concentrations were reported below the laboratory reporting limits. In 1999, to evaluate the case for closure, ACDEH requested recovery of groundwater samples to to include analysis for methyl tertiary butyl ether (MTBE). The monitoring event, conducted in August 1999, encountered a viscous free product (FP) in monitoring well MW-1, additionally FP was subsequently encountered in wells MW-2 and MW-3 in April 2000. The FP in the three wells was identified as Bunker C fuel oil. The source of the fuel oil has not been identified. Additionally, secondary evidence of free product concentrations of TPHd and TPH motor oil (TPHmo) were reported in water samples from MW-1 and MW-3 during the April 2000 monitoring event. BTEX and MTBE concentrations were reported below laboratory reporting limits in wells MW-2 and MW-3, the two wells sampled for these chemicals. The monitoring wells were not sampled between June 2000 and June 2015. Depth to water measurements for the seven groundwater monitoring events have ranged between 9.70 feet to 13.40 feet. An investigation consisting of both on- and off-site soil bores was conducted in 2013 to delineate the extent of the free phase hydrocarbons. TPH was not reported in in soil or grab-groundwater (GGW) samples collected from the two off-site soil bores, advanced to the west, roughly in the down gradient direction across Market Street, and soil bores B-5 and B-9 appear to have delineated the TPH plume to the south and east. In 2015, an on-site water supply well was decommissioned. The supply well, approximately 200 feet deep, was situated about 100 feet cross gradient from the former UST location and was reported to be last used prior to 1985. Prior to its abandonment, a water sample was collected from the well and analyzed for TPHg, TPHd, TPHmo, BTEX and the fuel oxygenates (FOs) MTBE, diisopropyl ether (DIPE), ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), and tertiary butyl alcohol (TBA), and the polynulear aromatic hydrocarbons (PNAs) naphthalene, acenaphthene, acenaphthylene, anthracene, phenanthrene, fluorene, chrysene, fluoranthene, pyrene, benzo(b)fluoranthene, benzo(a) pyrene, benzo(k)fluoranthene, benzo(a)anthracene, indeno(1,2,3-c,d)pyrene, dibenz(a,h)anthracene, and benzo(g,h,i)perylene. Benzene, at a concentration of 6.8 ug/L, was the only compound documented above the laboratory reporting limit. An investigation consisting of both on- and off-site soil bores was also conducted in 2015. Based on the findings of the investigation, the contaminant plume remains undefined to the north, in the up gradient direction from the former UST. Soil and GGW samples collected from bores advanced within the boundary of the plume (B-10 and B-11) were reported to contain PNAs. The three monitoring wells were also sampled, with FP present in each well. No BTEX, FOs, or naphthalene concentrations were detected in groundwater recovered from the wells. However, concentrations of several PNAs were reported above their respective laboratory reporting limits. Additionally, two soil gas samples were recovered for a vapor intrusion to indoor air evaluation. BTEX compounds were reported present in both samples at concentrations up to 17 micrograms per cubic meter (ug/m3), 94 ug/m3, 120 ug/m3, and 530 ug/m3, respectively. Naphthalene concentrations were not reported above the laboratory reporting limit, and oxygen was reported at 8.29 percent (%) and 9.10%. A well survey was conducted in 2016 with a search radius of 1,000 feet around the property. The survey contained

Draft

TOSCANA BAKERY (Continued) **S101580124**

Department of Water Resources (DWR) and Alameda County Public Works Agency (ACPWA) records review. No supply wells were identified within the search radius; however, a cathodic protection well is identified approximately 550 feet in the southly direction, roughly down gradient of the site. Findings of the August 2017 investigation did not locate an up gradient source of contaminants. ACDEH proposes a meeting to discuss the case and review for potential case closure.

LUST:

Global Id:	T0600101187
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:	T0600101187
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:	T0600101187
Action Type:	ENFORCEMENT
Date:	07/28/2009
Action:	Staff Letter - #20090728

Global Id:	T0600101187
Action Type:	ENFORCEMENT
Date:	10/23/2014
Action:	Staff Letter - #20141023

Global Id:	T0600101187
Action Type:	Other
Date:	05/29/1991
Action:	Leak Discovery

Global Id:	T0600101187
Action Type:	RESPONSE
Date:	11/08/2010
Action:	Soil and Water Investigation Workplan

Global Id:	T0600101187
Action Type:	RESPONSE
Date:	10/11/2010
Action:	Electronic Reporting Submittal Due

Global Id:	T0600101187
Action Type:	RESPONSE
Date:	02/26/2016
Action:	Sensitive Receptor Survey Report

DRAFT

TOSCANA BAKERY (Continued) **S101580124**

Global Id: T0600101187
Action Type: ENFORCEMENT
Date: 02/25/2011
Action: Notice of Violation - #20110225

Global Id: T0600101187
Action Type: ENFORCEMENT
Date: 09/16/2016
Action: Verbal Communication - #20160916

Global Id: T0600101187
Action Type: RESPONSE
Date: 08/10/2009
Action: Electronic Reporting Submittal Due

Global Id: T0600101187
Action Type: Other
Date: 03/29/1991
Action: Leak Stopped

Global Id: T0600101187
Action Type: ENFORCEMENT
Date: 09/10/2010
Action: Notice to Comply - #20100910

Global Id: T0600101187
Action Type: ENFORCEMENT
Date: 10/20/2017
Action: Meeting - #20171020

Global Id: T0600101187
Action Type: ENFORCEMENT
Date: 07/28/2009
Action: Notice of Violation - #20090728

Global Id: T0600101187
Action Type: ENFORCEMENT
Date: 10/17/2013
Action: Staff Letter - #21031017

Global Id: T0600101187
Action Type: RESPONSE
Date: 10/04/2017
Action: Electronic Reporting Submittal Due

Global Id: T0600101187
Action Type: ENFORCEMENT
Date: 10/22/2012
Action: Staff Letter - #20121022

Global Id: T0600101187
Action Type: RESPONSE
Date: 03/19/2015
Action: Other Workplan - Regulator Responded

Global Id: T0600101187
Action Type: ENFORCEMENT

DRAFT

TOSCANA BAKERY (Continued) **S101580124**

Date: 09/20/2017
Action: Staff Letter - #20170920

Global Id: T0600101187
Action Type: ENFORCEMENT
Date: 03/03/2017
Action: Email Correspondence - #20170303

Global Id: T0600101187
Action Type: RESPONSE
Date: 03/03/2017
Action: Email Correspondence

Global Id: T0600101187
Action Type: REMEDIATION
Date: 03/29/1991
Action: Excavation

Global Id: T0600101187
Action Type: RESPONSE
Date: 12/13/2016
Action: Other Report / Document

Global Id: T0600101187
Action Type: RESPONSE
Date: 11/15/2013
Action: Other Report / Document

Global Id: T0600101187
Action Type: RESPONSE
Date: 11/01/2013
Action: Electronic Reporting Submittal Due

Global Id: T0600101187
Action Type: RESPONSE
Date: 12/02/2013
Action: Conceptual Site Model

Global Id: T0600101187
Action Type: RESPONSE
Date: 02/13/2013
Action: Soil and Water Investigation Workplan - Addendum - Regulator Responded

Global Id: T0600101187
Action Type: RESPONSE
Date: 08/05/1991
Action: Tank Removal Report / UST Sampling Report

Global Id: T0600101187
Action Type: RESPONSE
Date: 06/12/2015
Action: Electronic Reporting Submittal Due

Global Id: T0600101187
Action Type: ENFORCEMENT
Date: 06/01/2015
Action: Staff Letter - #20150601

DRAFT

TOSCANA BAKERY (Continued) **S101580124**

Global Id: T0600101187
Action Type: RESPONSE
Date: 06/12/2015
Action: Email Correspondence

Global Id: T0600101187
Action Type: RESPONSE
Date: 08/14/2015
Action: Soil and Water Investigation Report - Regulator Responded

Global Id: T0600101187
Action Type: ENFORCEMENT
Date: 06/06/2012
Action: File review

Global Id: T0600101187
Action Type: ENFORCEMENT
Date: 06/05/2017
Action: Staff Letter - #20170605

Global Id: T0600101187
Action Type: ENFORCEMENT
Date: 03/16/2017
Action: Meeting - #20170316

Global Id: T0600101187
Action Type: ENFORCEMENT
Date: 09/16/2016
Action: Email Correspondence - #20160916

Global Id: T0600101187
Action Type: RESPONSE
Date: 01/15/2016
Action: Email Correspondence - Regulator Responded

Global Id: T0600101187
Action Type: RESPONSE
Date: 12/12/2014
Action: Soil and Water Investigation Workplan

Global Id: T0600101187
Action Type: ENFORCEMENT
Date: 05/15/2015
Action: Staff Letter - #20150515

Global Id: T0600101187
Action Type: ENFORCEMENT
Date: 10/22/2014
Action: Notice of Responsibility - #2014-10-22

Global Id: T0600101187
Action Type: RESPONSE
Date: 03/28/2011
Action: Electronic Reporting Submittal Due

Global Id: T0600101187
Action Type: Other

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TOSCANA BAKERY (Continued) **S101580124**

Date: 05/29/1991
Action: Leak Reported

Global Id: T0600101187
Action Type: RESPONSE
Date: 04/03/2015
Action: Soil and Water Investigation Workplan

Global Id: T0600101187
Action Type: ENFORCEMENT
Date: 03/05/2015
Action: Notice to Comply - #20150305

Global Id: T0600101187
Action Type: ENFORCEMENT
Date: 07/03/2008
Action: Technical Correspondence / Assistance / Other - #20080703

Global Id: T0600101187
Action Type: ENFORCEMENT
Date: 05/11/2017
Action: Staff Letter - #20170511

Global Id: T0600101187
Action Type: ENFORCEMENT
Date: 11/14/2016
Action: Verbal Communication - #20161114

Global Id: T0600101187
Action Type: ENFORCEMENT
Date: 01/12/2016
Action: Staff Letter - #20160112

Global Id: T0600101187
Action Type: ENFORCEMENT
Date: 04/02/2013
Action: Staff Letter - #20130402

Global Id: T0600101187
Action Type: ENFORCEMENT
Date: 03/29/1999
Action: Unauthorized Release Form - #19990329

Global Id: T0600101187
Action Type: RESPONSE
Date: 05/22/2017
Action: Other Workplan - Regulator Responded

Global Id: T0600101187
Action Type: RESPONSE
Date: 06/26/2017
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0600101187
Action Type: RESPONSE
Date: 08/10/2016
Action: Request for Closure - Regulator Responded

DRAFT

TOSCANA BAKERY (Continued) **S101580124**

LUST:

Global Id:	T0600101187
Status:	Open - Case Begin Date
Status Date:	03/29/1991
Global Id:	T0600101187
Status:	Open - Site Assessment
Status Date:	03/29/1991
Global Id:	T0600101187
Status:	Open - Assessment & Interim Remedial Action
Status Date:	06/21/1991
Global Id:	T0600101187
Status:	Open - Remediation
Status Date:	06/21/1991
Global Id:	T0600101187
Status:	Open - Site Assessment
Status Date:	05/15/1995

LUST REG 2:

Region:	2
Facility Id:	01-1290
Facility Status:	Preliminary site assessment underway
Case Number:	4265
How Discovered:	Tank Closure
Leak Cause:	Structure Failure
Leak Source:	Tank
Date Leak Confirmed:	3/10/1993
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	4/1/1993
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:	Remedial Action Underway
Record Id:	RO0000490
PE:	5602
Facility Status:	Remedial Action Underway
Latitude:	37.830064833
Longitude:	-122.27389781
Status:	Remedial Action Underway
Record Id:	RO0000490
PE:	5602
Facility Status:	Remedial Action Underway
Latitude:	37.830064833
Longitude:	-122.27389781
Status:	Remedial Action Underway
Record Id:	RO0000490

DRAFT

TOSCANA BAKERY (Continued) **S101580124**

PE: 5602
Facility Status: Remedial Action Underway
Latitude: 37.830064833
Longitude: -122.27389781

SWEEPS UST:
Status: Not reported
Comp Number: 68512
Number: Not reported
Board Of Equalization: 44-000770
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-000-068512-000001
Tank Status: Not reported
Capacity: 500
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: 1

HIST UST:
File Number: 000362F5
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000362F5.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: 01001405
Regulated By: UTNKI
Regulated ID: 00068512
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4156320526
Mail To: Not reported

DRAFT

TOSCANA BAKERY (Continued) **S101580124**

Mailing Address: 7801 EDGEWATER DR
Mailing Address 2: Not reported
Mailing City,St,Zip: OAKLAND 94608
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: 01-1290

CERS TANKS:
Site ID: 195358
CERS ID: T0600101187
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
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

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

Y127 **BASHLAND INC** **LUST** **S102424989**
NW **4015 HOLLIS** **Alameda County CS** **N/A**
1/4-1/2 **EMERYVILLE, CA 94608** **HIST CORTESE**
0.382 mi. **CERS**
2019 ft. **Site 3 of 5 in cluster Y**

Relative:
Lower

Actual:
21 ft.

LUST:
Lead Agency: ALAMEDA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101594
Global Id: T0600101594
Latitude: 37.8294633460806
Longitude: -122.285578250885

DRAFT

BASHLAND INC (Continued) **S102424989**

Status: Completed - Case Closed
Status Date: 08/13/2010
Case Worker: Not reported
RB Case Number: 01-1723
Local Agency: Not reported
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: RO0000326
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline, Diesel, Heating Oil / Fuel Oil
Site History: Three USTs (2-deisel and 1-oil) were removed on April 7, 1992. Analysis of soil samples from the excavation indicated maximum concentrations of 1,500 milligrams per kilogram(mg/kg) total petroleum hydrocarbons as oil (TPHo), 8 mg/kg TPH-d, 1,300 mg/Kg oil and grease and metals in low concentrations. No TPHg or BTEX were detected in soil. Analysis of groundwater samples collected from the excavation detected maximum groundwater concentrations of 400 micrograms per liter (a%g/L) TPHo, 1,200 a%g/L TPHd, 7 a%g/L cis 1,2 dichloroethene, and 22 a%g/L trichloroethene. 4,500 gallons of water was pumped out of the tank pit prior to backfill with clean fill. One monitoring well (LF-31) was installed on February 12, 1993 and five soil samples were taken beneath the northern retaining wall on February 1, 1993. Groundwater analysis from the monitoring well installation showed approximately 50 a%g/L of TPHd and TPHg. Analysis of soil samples detected a maximum of 2.4 a%g/L methylene chloride and was reported by the laboratory as being within normal laboratory background levels. Awaiting decommissioning of monitoring wells and Geotracker compliance.

LUST:
Global Id: T0600101594
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: T0600101594
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Staff Letter - #20090724

Global Id: T0600101594
Action Type: Other
Date: 04/07/1992
Action: Leak Discovery

Global Id: T0600101594
Action Type: ENFORCEMENT
Date: 12/17/2008
Action: Staff Letter - #20081217

Global Id: T0600101594
Action Type: ENFORCEMENT
Date: 12/29/2008

DRAFT

BASHLAND INC (Continued) **S102424989**

Action: Staff Letter - #20081229

Global Id: T0600101594
Action Type: Other
Date: 04/07/1992
Action: Leak Stopped

Global Id: T0600101594
Action Type: ENFORCEMENT
Date: 03/06/2009
Action: Notice to Comply - #20090306

Global Id: T0600101594
Action Type: REMEDIATION
Date: 05/18/1993
Action: Pump & Treat (P&T) Groundwater

Global Id: T0600101594
Action Type: REMEDIATION
Date: 04/07/1992
Action: Excavation

Global Id: T0600101594
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Notice of Violation - #20090724

Global Id: T0600101594
Action Type: ENFORCEMENT
Date: 08/13/2010
Action: Closure/No Further Action Letter - #20100813

Global Id: T0600101594
Action Type: Other
Date: 07/15/1992
Action: Leak Reported

Global Id: T0600101594
Action Type: ENFORCEMENT
Date: 07/03/2008
Action: Staff Letter - #20080703

Global Id: T0600101594
Action Type: ENFORCEMENT
Date: 12/05/2008
Action: Staff Letter - #20081205

Global Id: T0600101594
Action Type: REMEDIATION
Date: 04/07/1992
Action: Pump & Treat (P&T) Groundwater

LUST:
Global Id: T0600101594
Status: Open - Case Begin Date
Status Date: 04/07/1992

DRAFT

BASHLAND INC (Continued) **S102424989**

Global Id: T0600101594
Status: Open - Site Assessment
Status Date: 04/07/1992

Global Id: T0600101594
Status: Open - Site Assessment
Status Date: 12/15/1992

Global Id: T0600101594
Status: Open - Remediation
Status Date: 02/03/1993

Global Id: T0600101594
Status: Open - Site Assessment
Status Date: 02/12/1993

Global Id: T0600101594
Status: Completed - Case Closed
Status Date: 08/13/2010

LUST REG 2:
Region: 2
Facility Id: 01-1723
Facility Status: Preliminary site assessment underway
Case Number: 4251
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: Not reported
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: Pollution Characterization
Record Id: RO0000326
PE: 5602
Facility Status: Pollution Charaterization
Latitude: Not reported
Longitude: Not reported

Status: Pollution Characterization
Record Id: RO0000326
PE: 5602
Facility Status: Pollution Charaterization
Latitude: Not reported
Longitude: Not reported

Status: Pollution Characterization
Record Id: RO0000326
PE: 5602

DRAFT

BASHLAND INC (Continued) **S102424989**

Facility Status: Pollution Charaterization
Latitude: Not reported
Longitude: Not reported

Status: Pollution Characterization
Record Id: RO0000326
PE: 5602
Facility Status: Pollution Charaterization
Latitude: Not reported
Longitude: Not reported

Status: Pollution Characterization
Record Id: RO0000326
PE: 5602
Facility Status: Pollution Charaterization
Latitude: Not reported
Longitude: Not reported

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-1723

CERS TANKS:
Site ID: 239242
CERS ID: T0600101594
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

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128 SSW 1/4-1/2 0.385 mi. 2032 ft. | **SWEET MARIA'S COFFEE**
2823 ADELINE ST
OAKLAND, CA 94608 | **LUST** **S117231596**
Alameda County CS **N/A**
HAZNET
CERS

Relative: Lower
Actual: 16 ft.

LUST:
Lead Agency: ALAMEDA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000006202
Global Id: T10000006202
Latitude: 37.8207288052906
Longitude: -122.282217528767
Status: Completed - Case Closed
Status Date: 12/04/2014
Case Worker: Not reported

DRAFT

SWEET MARIA'S COFFEE (Continued) **S117231596**

RB Case Number: Not reported
Local Agency: Not reported
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: RO0003146
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: An underground storage tank (UST) was closed in place beneath the sidewalk in front of the building on Adeline Street. Soil samples collected during the tank closure did not contain petroleum hydrocarbons or fuel oxygenates at concentrations above Environmental Screening Levels (San Francisco Bay Regional Water Quality Control Board, December 2013). A groundwater sample collected from the tank pit contained 2,000 micrograms per liter of total petroleum hydrocarbons as gasoline and 97 micrograms per liter of benzene. Following the tank closure, three soil samples were advanced in the area downgradient from the UST. Petroleum hydrocarbons and fuel oxygenates were not detected at concentrations above reporting limits in four soil samples collected from the soil borings. With the exception of tert butyl alcohol (TBA), petroleum hydrocarbons and fuel oxygenates were not detected at concentrations above reporting limits in groundwater samples samples collected from the three soil borings. TBA was detected in one of three groundwater samples at a concentration of 14 micrograms per liter. The site was evaluated for case closure under the State Water Resources Control Board Low-Threat Underground Storage Tank Closure Policy. 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.

LUST:
Global Id: T10000006202
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: T10000006202
Action Type: ENFORCEMENT
Date: 12/04/2014
Action: Closure/No Further Action Letter - #20141204

Global Id: T10000006202
Action Type: ENFORCEMENT
Date: 09/16/2014
Action: Technical Correspondence / Assistance / Other - #20140916

Global Id: T10000006202
Action Type: Other
Date: 07/11/2014
Action: Leak Stopped

Global Id: T10000006202
Action Type: RESPONSE
Date: 10/29/2014

DRAFT

SWEET MARIA'S COFFEE (Continued) **S117231596**

Action: Tank Removal Report / UST Sampling Report

Global Id: T10000006202
Action Type: Other
Date: 07/11/2014
Action: Leak Discovery

Global Id: T10000006202
Action Type: ENFORCEMENT
Date: 09/18/2014
Action: Staff Letter - #20140918

Global Id: T10000006202
Action Type: ENFORCEMENT
Date: 10/22/2014
Action: Staff Letter - #20141022

Global Id: T10000006202
Action Type: RESPONSE
Date: 10/01/2014
Action: Preliminary Site Assessment Report

Global Id: T10000006202
Action Type: RESPONSE
Date: 10/01/2014
Action: Tank Removal Report / UST Sampling Report

Global Id: T10000006202
Action Type: RESPONSE
Date: 09/16/2014
Action: Request for Closure - Regulator Responded

Global Id: T10000006202
Action Type: ENFORCEMENT
Date: 09/18/2014
Action: Notice of Responsibility - #20140918

Global Id: T10000006202
Action Type: ENFORCEMENT
Date: 07/10/2014
Action: Site Visit / Inspection / Sampling - #20140710

Global Id: T10000006202
Action Type: ENFORCEMENT
Date: 10/02/2014
Action: Staff Letter - #20141002

Global Id: T10000006202
Action Type: ENFORCEMENT
Date: 10/02/2014
Action: Notification - Public Notice of Case Closure - #20141002

Global Id: T10000006202
Action Type: Other
Date: 07/11/2014
Action: Leak Reported

DRAFT

SWEET MARIA'S COFFEE (Continued) **S117231596**

LUST:

Global Id:	T10000006202
Status:	Open - Case Begin Date
Status Date:	07/11/2014
Global Id:	T10000006202
Status:	Open - Site Assessment
Status Date:	09/11/2014
Global Id:	T10000006202
Status:	Open - Eligible for Closure
Status Date:	10/02/2014
Global Id:	T10000006202
Status:	Completed - Case Closed
Status Date:	12/04/2014

Alameda County CS:

Status:	Case Closed
Record Id:	RO0003146
PE:	5602
Facility Status:	Case Closed
Latitude:	Not reported
Longitude:	Not reported

HAZNET:

envid:	S117231596
Year:	2015
GEPAID:	CAC002819766
Contact:	MARIA TROY
Telephone:	5106280992
Mailing Name:	Not reported
Mailing Address:	1115 21ST ST
Mailing City,St,Zip:	OAKLAND, CA 94607
Gen County:	Alameda
TSD EPA ID:	CAD981382732
TSD County:	Alameda
Waste Category:	Asbestos containing waste
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.23
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Alameda

CERS TANKS:

Site ID:	248220
CERS ID:	T10000006202
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

DRAFT

SWEET MARIA'S COFFEE (Continued) **S117231596**

Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Z129 NNE 1/4-1/2 0.390 mi. 2057 ft. | **DUNNE QUALITY PAINTS 1007 41ST ST OAKLAND, CA 94608** | **LUST CPS-SLIC Alameda County CS HIST CORTESE CERS** | **S101293787 N/A**

Site 1 of 4 in cluster Z

Relative: Higher

Actual: 53 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=T0600101693
Global Id:	T0600101693
Latitude:	37.8320606000611
Longitude:	-122.277413606644
Status:	Open - Eligible for Closure
Status Date:	09/14/2017
Case Worker:	MEJ
RB Case Number:	01-1827
Local Agency:	Not reported
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	RO0000073
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Stoddard solvent / Mineral Spriits / Distillates
Site History:	In July 1988 six UST were removed and confirmation soil sampling detected free product concentrations of TPHms in soil. Groundwater monitoring wells were installed in 1992 to evaluate the dissolved phase plume. From 1999 to 2005 several on and offsite investigations were completed to evaluate the extent of contamination in soil and groundwater. The site was redeveloped between 2003 and 2005 with 62 residential condominiums and approximately 14,000 cubic yards of soil and 2,900,000 gallons of water was removed during redevelopment activities. In April 2005 an offsite investigation detected significantly elevated concentrations of TPHms beneath downgradient residences. Currently, the downgradient extent of dissolved phase contamination is undefined and offsite investigation has been proposed. 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. The subject site is one of seven sites with a co-mingled soil and groundwater contaminant plumes sites (Oakland National Engravers; RO0000079; Dunne Quality Paints; RO0000073; San Francisco French Bread Company; RO0000171; Celis Service Station; RO0000453; SNK Andante; RO0002530; Oak Walk; RO0002733, and Magnolia Terrace; RO0003004). The groundwater contaminant plume extends a minimum distance of approximately 1,200 feet in length (see attached paleochannel figure). The soil and groundwater plumes appear to have moved through a series of granular paleochannels (with significant interconnectivity) that is present beneath the sites. The subject site appears to have been contributed contamination to all downgradient sites (San Francisco French Bread Company; RO0000171; Celis Service Station; RO0000453; SNK Andante; RO0002530; and Oak

DRAFT

DUNNE QUALITY PAINTS (Continued) **S101293787**

Walk; RO0002733). The subject site, in addition to the adjacent Oakland National Engravers site (RO0000079) appears to have contaminated groundwater beneath an innocent residential landowner (four Victorian homes; Ennis Properties) with free-phase concentrations of mineral spirits, and the adjacent Magnolia Terrace (RO0003004) with lower contaminant loads. Onsite remedial actions have occurred at the site; however, despite multiple requests a Remedial Action Report has not been submitted to document the scope of these actions. Additionally despite multiple requests, the site has not been claimed in Geotracker, and reports have not been uploaded; both are state requirements.

LUST:

Global Id:	T0600101693
Contact Type:	Regional Board Caseworker
Contact Name:	MARK JOHNSON
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY STREET, SUITE 1400
City:	OAKLAND
Email:	mjohnson@waterboards.ca.gov
Phone Number:	Not reported

LUST:

Global Id:	T0600101693
Action Type:	ENFORCEMENT
Date:	11/28/2011
Action:	Staff Letter - #20111128
Global Id:	T0600101693
Action Type:	ENFORCEMENT
Date:	07/24/2009
Action:	Notice of Violation - #200904724
Global Id:	T0600101693
Action Type:	ENFORCEMENT
Date:	11/24/2009
Action:	File review
Global Id:	T0600101693
Action Type:	ENFORCEMENT
Date:	11/23/2015
Action:	Staff Letter
Global Id:	T0600101693
Action Type:	Other
Date:	02/19/1988
Action:	Leak Stopped
Global Id:	T0600101693
Action Type:	RESPONSE
Date:	08/10/2009
Action:	Electronic Reporting Submittal Due
Global Id:	T0600101693
Action Type:	ENFORCEMENT
Date:	07/26/2005
Action:	Staff Letter - #20050726

DRAFT

DUNNE QUALITY PAINTS (Continued) **S101293787**

Global Id: T0600101693
Action Type: ENFORCEMENT
Date: 02/29/2016
Action: 13267 Requirement

Global Id: T0600101693
Action Type: RESPONSE
Date: 02/10/2012
Action: Monitoring Report - Quarterly

Global Id: T0600101693
Action Type: ENFORCEMENT
Date: 01/30/2012
Action: Notice of Responsibility - #20120130

Global Id: T0600101693
Action Type: ENFORCEMENT
Date: 01/28/2005
Action: Staff Letter - #20050128

Global Id: T0600101693
Action Type: ENFORCEMENT
Date: 04/30/2007
Action: Staff Letter - #20070430

Global Id: T0600101693
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Staff Letter

Global Id: T0600101693
Action Type: RESPONSE
Date: 11/30/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0600101693
Action Type: RESPONSE
Date: 01/06/2012
Action: Electronic Reporting Submittal Due

Global Id: T0600101693
Action Type: RESPONSE
Date: 01/16/2012
Action: Other Report / Document

Global Id: T0600101693
Action Type: REMEDIATION
Date: 10/01/2003
Action: Excavation

Global Id: T0600101693
Action Type: Other
Date: 01/25/1988
Action: Leak Discovery

Global Id: T0600101693
Action Type: ENFORCEMENT

DRAFT

DUNNE QUALITY PAINTS (Continued) **S101293787**

Date: 07/03/2008
Action: Staff Letter - #20080703

Global Id: T0600101693
Action Type: ENFORCEMENT
Date: 10/12/2006
Action: Staff Letter - #20061012

Global Id: T0600101693
Action Type: RESPONSE
Date: 10/12/2005
Action: Correspondence

Global Id: T0600101693
Action Type: RESPONSE
Date: 07/01/2000
Action: Soil and Water Investigation Report

Global Id: T0600101693
Action Type: RESPONSE
Date: 09/29/2003
Action: Soil and Water Investigation Report

Global Id: T0600101693
Action Type: RESPONSE
Date: 06/22/1992
Action: Soil and Water Investigation Report

Global Id: T0600101693
Action Type: RESPONSE
Date: 05/18/2004
Action: Other Report / Document

Global Id: T0600101693
Action Type: RESPONSE
Date: 06/10/2003
Action: CAP/RAP - Feasibility Study Report

Global Id: T0600101693
Action Type: RESPONSE
Date: 04/28/2003
Action: Soil and Water Investigation Report

Global Id: T0600101693
Action Type: RESPONSE
Date: 11/01/1988
Action: Tank Removal Report / UST Sampling Report

Global Id: T0600101693
Action Type: RESPONSE
Date: 02/12/1988
Action: Preliminary Site Assessment Report

Global Id: T0600101693
Action Type: RESPONSE
Date: 05/29/2003
Action: Soil and Water Investigation Workplan

DRAFT

DUNNE QUALITY PAINTS (Continued) **S101293787**

Global Id: T0600101693
Action Type: RESPONSE
Date: 04/07/2003
Action: Soil and Water Investigation Workplan

Global Id: T0600101693
Action Type: RESPONSE
Date: 02/25/1999
Action: Monitoring Report - Other

Global Id: T0600101693
Action Type: RESPONSE
Date: 11/22/2004
Action: Monitoring Report - Quarterly

Global Id: T0600101693
Action Type: RESPONSE
Date: 11/08/2004
Action: Remedial Progress Report

Global Id: T0600101693
Action Type: RESPONSE
Date: 03/07/1994
Action: Monitoring Report - Quarterly

Global Id: T0600101693
Action Type: ENFORCEMENT
Date: 06/11/2012
Action: Referral to Regional Board - #20120611

Global Id: T0600101693
Action Type: Other
Date: 02/16/1988
Action: Leak Reported

Global Id: T0600101693
Action Type: RESPONSE
Date: 09/27/1993
Action: Soil and Water Investigation Report

Global Id: T0600101693
Action Type: RESPONSE
Date: 03/07/1990
Action: Monitoring Report - Other

Global Id: T0600101693
Action Type: RESPONSE
Date: 05/23/2002
Action: Soil and Water Investigation Report

Global Id: T0600101693
Action Type: RESPONSE
Date: 10/28/2002
Action: Soil and Water Investigation Report

Global Id: T0600101693
Action Type: RESPONSE

DRAFT

DUNNE QUALITY PAINTS (Continued) **S101293787**

Date: 04/19/2005
Action: Soil and Water Investigation Report

Global Id: T0600101693
Action Type: RESPONSE
Date: 05/18/2004
Action: Sensitive Receptor Survey Report

Global Id: T0600101693
Action Type: RESPONSE
Date: 06/01/2002
Action: Other Report / Document

Global Id: T0600101693
Action Type: RESPONSE
Date: 08/30/1988
Action: Tank Removal Report / UST Sampling Report

Global Id: T0600101693
Action Type: RESPONSE
Date: 04/19/2007
Action: Soil and Water Investigation Workplan - Addendum

Global Id: T0600101693
Action Type: RESPONSE
Date: 01/27/2005
Action: Soil and Water Investigation Workplan - Addendum

Global Id: T0600101693
Action Type: RESPONSE
Date: 06/22/1992
Action: Monitoring Report - Other

Global Id: T0600101693
Action Type: RESPONSE
Date: 10/30/2002
Action: Soil and Water Investigation Workplan

Global Id: T0600101693
Action Type: RESPONSE
Date: 09/25/2002
Action: Other Report / Document

Global Id: T0600101693
Action Type: RESPONSE
Date: 05/23/2003
Action: Soil and Water Investigation Report

Global Id: T0600101693
Action Type: RESPONSE
Date: 12/04/2003
Action: Soil and Water Investigation Report

Global Id: T0600101693
Action Type: RESPONSE
Date: 01/17/2007
Action: Soil and Water Investigation Workplan

DRAFT

DUNNE QUALITY PAINTS (Continued) **S101293787**

LUST:

Global Id:	T0600101693
Status:	Open - Case Begin Date
Status Date:	01/25/1988
Global Id:	T0600101693
Status:	Open - Case Begin Date
Status Date:	02/16/1988
Global Id:	T0600101693
Status:	Open - Site Assessment
Status Date:	12/21/1988
Global Id:	T0600101693
Status:	Open - Assessment & Interim Remedial Action
Status Date:	03/21/2003
Global Id:	T0600101693
Status:	Open - Eligible for Closure
Status Date:	09/14/2017

LUST REG 2:

Region:	2
Facility Id:	01-1827
Facility Status:	Preliminary site assessment underway
Case Number:	608
How Discovered:	Tank Closure
Leak Cause:	Structure Failure
Leak Source:	Tank
Date Leak Confirmed:	Not reported
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

CPS-SLIC:

Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	08/14/1989
Global Id:	T0600191499
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number:	Not reported
Latitude:	37.8321046
Longitude:	-122.2765822
Case Type:	Cleanup Program Site
Case Worker:	UUU
Local Agency:	Not reported
RB Case Number:	01S0112
File Location:	Not reported
Potential Media Affected:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Stoddard solvent / Mineral Spriits / Distillates
Site History:	Not reported

DRAFT

DUNNE QUALITY PAINTS (Continued) **S101293787**

Click here to access the California GeoTracker records for this facility:

Alameda County CS:

Status:	Pollution Characterization
Record Id:	RO0000073
PE:	5602
Facility Status:	Pollution Charaterization
Latitude:	37.832115219
Longitude:	-122.27749782

Status:	Pollution Characterization
Record Id:	RO0000073
PE:	5602
Facility Status:	Pollution Charaterization
Latitude:	37.832115219
Longitude:	-122.27749782

Status:	Pollution Characterization
Record Id:	RO0000073
PE:	5602
Facility Status:	Pollution Charaterization
Latitude:	37.832115219
Longitude:	-122.27749782

HIST CORTESE:

Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-1827

CERS TANKS:

Site ID:	205786
CERS ID:	T0600101693
CERS Description:	Leaking Underground Storage Tank Cleanup 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

Site ID:	231559
CERS ID:	T0600191499
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

DRAFT

DUNNE QUALITY PAINTS (Continued) **S101293787**

Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Z130 NNE 1/4-1/2 0.390 mi. 2057 ft. **GREEN CITY LOFTS** **US BROWNFIELDS FINDS** **1016345761 N/A**
1007 41ST STREET
EMERYVILLE, CA 94608

Site 2 of 4 in cluster Z

Relative: Higher

Actual: 53 ft.

US BROWNFIELDS:

Property Name:	GREEN CITY LOFTS
Recipient Name:	Emeryville, City of
Grant Type:	BCRLF
Property Number:	049 1022 001 00, 012 1022 001 00, 012 1022 002 00
Parcel size:	.9
Latitude:	37.83226
Longitude:	-122.27754
HCM Label:	Not reported
Map Scale:	Not reported
Point of Reference:	Not reported
Highlights:	Not reported
Datum:	World Geodetic System of 1984
Acres Property ID:	16159
IC Data Access:	Not reported
Start Date:	08/21/2003 00:00:00
Redev Completition Date:	Not reported
Completed Date:	12/21/2004 00:00:00
Acres Cleaned Up:	.9
Cleanup Funding:	1175000
Cleanup Funding Source:	Brownfields RLF Grant Funds Loaned
Assessment Funding:	12500
Assessment Funding Source:	Private/Other Funding
Redevelopment Funding:	19000000
Redev. Funding Source:	Private/Other Funding
Redev. Funding Entity Name:	Loan obtained by developer, Green City LLC
Redevelopment Start Date:	03/01/2004 00:00:00
Assessment Funding Entity:	Developer
Cleanup Funding Entity:	GreenCity LLC
Grant Type:	Petroleum
Accomplishment Type:	Supplemental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	97955901
Start Date:	08/20/2002 00:00:00
Ownership Entity:	Private
Completion Date:	05/21/2003 00:00:00
Current Owner:	GreenCity LLC
Did Owner Change:	N
Cleanup Required:	Y
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

DRAFT

GREEN CITY LOFTS (Continued) **1016345761**

IC Cat. Enforcement Permit Tools:	Not reported
IC in place date:	Not reported
IC in place:	U
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
Groundwater cleaned:	Y
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:	Y
Petro products cleaned:	Y
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:	20
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:	.9
Future use greenspace acreage:	Not reported
Future use residential acreage:	.9
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

DRAFT

GREEN CITY LOFTS (Continued) **1016345761**

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:	Paint manufacturing
Below Poverty Number:	1615
Below Poverty Percent:	18.6%
Meidan Income:	8804
Meidan Income Number:	3153
Meidan Income Percent:	36.2%
Vacant Housing Number:	625
Vacant Housing Percent:	13.0%
Unemployed Number:	500
Unemployed Percent:	5.8%

Property Name:	GREEN CITY LOFTS
Recipient Name:	Emeryville, City of
Grant Type:	BCRLF
Property Number:	049 1022 001 00, 012 1022 001 00, 012 1022 002 00
Parcel size:	.9
Latitude:	37.83226
Longitude:	-122.27754
HCM Label:	Not reported
Map Scale:	Not reported
Point of Reference:	Not reported
Highlights:	Not reported
Datum:	World Geodetic System of 1984
Acres Property ID:	16159
IC Data Access:	Not reported
Start Date:	08/21/2003 00:00:00
Redev Completition Date:	Not reported
Completed Date:	12/21/2004 00:00:00
Acres Cleaned Up:	.9
Cleanup Funding:	200000
Cleanup Funding Source:	Private/Other Funding
Assessment Funding:	12500

DRAFT

GREEN CITY LOFTS (Continued) **1016345761**

Assessment Funding Source:	Local Funding
Redevelopment Funding:	19000000
Redev. Funding Source:	Private/Other Funding
Redev. Funding Entity Name:	Loan obtained by developer, Green City LLC
Redevelopment Start Date:	03/01/2004 00:00:00
Assessment Funding Entity:	Redevelopment Agency
Cleanup Funding Entity:	GreenCity LLC
Grant Type:	Petroleum
Accomplishment Type:	Supplemental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	97955901
Start Date:	08/20/2002 00:00:00
Ownership Entity:	Private
Completion Date:	05/21/2003 00:00:00
Current Owner:	GreenCity LLC
Did Owner Change:	N
Cleanup Required:	Y
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:	U
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
Groundwater cleaned:	Y
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:	Y
Petro products cleaned:	Y
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y

DRAFT

GREEN CITY LOFTS (Continued) **1016345761**

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:	20
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:	.9
Future use greenspace acreage:	Not reported
Future use residential acreage:	.9
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:	Paint manufacturing
Below Poverty Number:	1615
Below Poverty Percent:	18.6%
Meidan Income:	8804
Meidan Income Number:	3153
Meidan Income Percent:	36.2%
Vacant Housing Number:	625
Vacant Housing Percent:	13.0%
Unemployed Number:	500

DRAFT

GREEN CITY LOFTS (Continued) **1016345761**

Unemployed Percent:	5.8%
Property Name:	GREEN CITY LOFTS
Recipient Name:	Emeryville, City of
Grant Type:	BCRLF
Property Number:	049 1022 001 00, 012 1022 001 00, 012 1022 002 00
Parcel size:	.9
Latitude:	37.83226
Longitude:	-122.27754
HCM Label:	Not reported
Map Scale:	Not reported
Point of Reference:	Not reported
Highlights:	Not reported
Datum:	World Geodetic System of 1984
Acres Property ID:	16159
IC Data Access:	Not reported
Start Date:	08/21/2003 00:00:00
Redev Completition Date:	Not reported
Completed Date:	12/21/2004 00:00:00
Acres Cleaned Up:	.9
Cleanup Funding:	200000
Cleanup Funding Source:	Private/Other Funding
Assessment Funding:	12500
Assessment Funding Source:	Private/Other Funding
Redevelopment Funding:	19000000
Redev. Funding Source:	Private/Other Funding
Redev. Funding Entity Name:	Loan obtained by developer, Green City LLC
Redevelopment Start Date:	03/01/2004 00:00:00
Assessment Funding Entity:	Developer
Cleanup Funding Entity:	GreenCity LLC
Grant Type:	Petroleum
Accomplishment Type:	Supplemental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	97955901
Start Date:	08/20/2002 00:00:00
Ownership Entity:	Private
Completion Date:	05/21/2003 00:00:00
Current Owner:	GreenCity LLC
Did Owner Change:	N
Cleanup Required:	Y
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:	U
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported

DRAFT

GREEN CITY LOFTS (Continued) **1016345761**

Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
Groundwater cleaned:	Y
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:	Y
Petro products cleaned:	Y
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:	20
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:	.9
Future use greenspace acreage:	Not reported
Future use residential acreage:	.9
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

DRAFT

GREEN CITY LOFTS (Continued) **1016345761**

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:	Paint manufacturing
Below Poverty Number:	1615
Below Poverty Percent:	18.6%
Meidan Income:	8804
Meidan Income Number:	3153
Meidan Income Percent:	36.2%
Vacant Housing Number:	625
Vacant Housing Percent:	13.0%
Unemployed Number:	500
Unemployed Percent:	5.8%

Property Name:	GREEN CITY LOFTS
Recipient Name:	Emeryville, City of
Grant Type:	BCRLF
Property Number:	049 1022 001 00, 012 1022 001 00, 012 1022 002 00
Parcel size:	.9
Latitude:	37.83226
Longitude:	-122.27754
HCM Label:	Not reported
Map Scale:	Not reported
Point of Reference:	Not reported
Highlights:	Not reported
Datum:	World Geodetic System of 1984
Acres Property ID:	16159
IC Data Access:	Not reported
Start Date:	08/21/2003 00:00:00
Redev Completition Date:	Not reported
Completed Date:	12/21/2004 00:00:00
Acres Cleaned Up:	.9
Cleanup Funding:	1175000
Cleanup Funding Source:	Brownfields RLF Grant Funds Loaned
Assessment Funding:	12500
Assessment Funding Source:	Local Funding
Redevelopment Funding:	19000000
Redev. Funding Source:	Private/Other Funding
Redev. Funding Entity Name:	Loan obtained by developer, Green City LLC
Redevelopment Start Date:	03/01/2004 00:00:00
Assessment Funding Entity:	Redevelopment Agency
Cleanup Funding Entity:	GreenCity LLC
Grant Type:	Petroleum
Accomplishment Type:	Supplemental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	97955901

DRAFT

GREEN CITY LOFTS (Continued) **1016345761**

Start Date:	08/20/2002 00:00:00
Ownership Entity:	Private
Completion Date:	05/21/2003 00:00:00
Current Owner:	GreenCity LLC
Did Owner Change:	N
Cleanup Required:	Y
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:	U
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Y
Groundwater cleaned:	Y
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:	Y
Petro products cleaned:	Y
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:	20
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:	.9

DRAFT

GREEN CITY LOFTS (Continued) **1016345761**

Future use greenspace acreage:	Not reported
Future use residential acreage:	.9
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:	Paint manufacturing
Below Poverty Number:	1615
Below Poverty Percent:	18.6%
Meidan Income:	8804
Meidan Income Number:	3153
Meidan Income Percent:	36.2%
Vacant Housing Number:	625
Vacant Housing Percent:	13.0%
Unemployed Number:	500
Unemployed Percent:	5.8%

FINDS:

Registry ID: 110038699012

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.

DRAFT

GREEN CITY LOFTS (Continued) **1016345761**

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

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131 SW 1/4-1/2 0.390 mi. 2058 ft.

MODERN MAIL EXPRESS INC
2836 UNION ST
OAKLAND, CA 94608

LUST **S107619858**
Alameda County CS **N/A**
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=T0600105641
Global Id:	T0600105641
Latitude:	37.821343
Longitude:	-122.283884
Status:	Completed - Case Closed
Status Date:	10/01/2012
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:	RO0002901
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	The property operated as an express courier facility (Modern Mail Services, Inc.) between 1951 and 2003. One 10,000-gallon gasoline underground storage tank (UST) was installed in the late 1970s and removed in 1998. The site is located in a mixed commercial residential area and currently contains a vacant structure. Cars are parked on this lot occasionally to make it appear occupied. On July 14, 1998, Golden Gate Tank Removal removed the 10,000-gallon gasoline UST. The tank appeared to be intact yet floating product was observed on the tank pit water. Because the water in the tank pit contained floating product, the accumulated water was removed from the tank pit before sampling. Soil samples were collected from the east and west sidewalls from a depth of 8.5 feet below grade, and one water sample was collected from the tank pit water. One soil sample was collected from beneath the dispenser. The maximum detected concentrations in soil during this sample event were detected from the dispenser sample at concentrations of 2,100 mg/kg TPHg, and 2.8 mg/kg benzene. The water sample contained 4,200 micrograms per liter (a%g/L) TPHg, 15 a%g/L benzene and 150 a%g/L MTBE. On November 22, 2005, Stellar Environmental Solutions advanced four soil borings at the site. Maximum concentrations were 920 ppm TPHg, 1.8 ppm benzene and 0.024 ppm MTBE in soil. Maximum concentrations in groundwater were 430,000 ppb TVHg, 6,700 ppb benzene and 24 ppb MTBE. On April 3, 2006, Stellar Environmental Solutions advanced nine exploratory boreholes (BH-5 to BH-13) to determine the lateral and vertical extent of soil and groundwater contamination. Maximum soil concentrations were detected in BH-8 at concentrations of 5,300 ppm TVHg, 0.67 ppm benzene and 0.22 ppm MTBE. Maximum groundwater concentrations were also detected in BH-8 at 120,000 ppb TVHg, 1,200 ppb benzene, and 120 ppb MTBE. On September 25 and 26, 2006, five monitoring well pairs (MW-1A, MW-1B through MW-5A, MW-5B) were installed, and one soil boring (BH-14) was advanced. Maximum concentrations in soil were 790 ppm TVHg, and 0.031 ppm MTBE. No benzene was detected in soil.

DRAFT

MODERN MAIL EXPRESS INC (Continued) **S107619858**

Maximum groundwater concentrations were 1,900 ppb TVHg, 9.6 ppb benzene and 37 ppb MTBE. On October 3, 2006, Stellar oversaw excavation of approximately 397.6 tons of contaminated soil. In addition, 5,100 gallons of contaminated groundwater were pumped from the excavation pit. Soil samples collected from the sidewalls contained maximum concentrations of 1,700 ppm TVHg, indicating that some residual contamination remained in place near the building adjacent to the service bay. Samples collected from the bottom of the excavation were all below the detection limit. Advanced Oxygen Reducing Compound (ORC) product was placed into the open excavation prior to backfilling and a perforated PVC pipe was placed in drain rock from 6 to 11 feet bgs to be used as a dewatering point. On November 27, 2007, the building containing the service bay was removed and the soil beneath was excavated to a depth of approximately 10.5 ft bgs with 212.6 tons of soil removed. Approximately 4,500 gallons of groundwater were removed from the excavation and 375 pounds of ORC were applied to the excavation during backfilling. Soil samples collected from the sidewalls and floor detected maximum concentrations of 4.7 ppm TVHg. No BTEX or oxygenates were detected in these samples. December 2008, Stellar submitted a Preferential Pathway Utility and Well Survey. One water supply well is located within a half mile radius of the site. This well is listed as a public well and is located to the north of the site. Since this well is located in the cross-gradient direction it is unlikely to be impacted due to the distance from the site and the low concentrations at the site. In September 2010, Stellar Environmental injected ORC into the subsurface in the area near MW-3A, MW-3B, MW-4B, and MW 1B. The site wells have been monitored quarterly from October 2006 to April 2009 and semiannually since October 2009 through the second half of 2011. Contaminant concentrations have declined significantly on-site with maximum concentrations of 110 ppb TVHg, 0.98 ppb benzene and 58 ppb MTBE. If any construction/excavation activities encounter contamination that is indicative of higher residual concentrations than reported in this closure summary's "After" columns of te "Maximum Documented Contaminant Concentrations" table, then ACEH must be immediately notified.

LUST:

Global Id:	T0600105641
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:	T0600105641
Action Type:	ENFORCEMENT
Date:	10/01/2012
Action:	Closure/No Further Action Letter - #10012012
Global Id:	T0600105641
Action Type:	ENFORCEMENT
Date:	07/24/2009

MODERN MAIL EXPRESS INC (Continued) **S107619858**

Action: Staff Letter - #20090724

Global Id: T0600105641
Action Type: ENFORCEMENT
Date: 04/18/2012
Action: Staff Letter - #20120418

Global Id: T0600105641
Action Type: Other
Date: 07/01/1998
Action: Leak Stopped

Global Id: T0600105641
Action Type: REMEDIATION
Date: 11/27/2007
Action: Excavation

Global Id: T0600105641
Action Type: REMEDIATION
Date: 10/03/2006
Action: Excavation

Global Id: T0600105641
Action Type: ENFORCEMENT
Date: 08/16/2012
Action: Staff Letter - #20120816

Global Id: T0600105641
Action Type: ENFORCEMENT
Date: 07/05/2012
Action: Notification - Public Notice of Case Closure - #20120705

Global Id: T0600105641
Action Type: Other
Date: 07/01/1998
Action: Leak Discovery

Global Id: T0600105641
Action Type: Other
Date: 12/22/2005
Action: Leak Reported

Global Id: T0600105641
Action Type: RESPONSE
Date: 01/20/2012
Action: Monitoring Report - Semi-Annually

Global Id: T0600105641
Action Type: ENFORCEMENT
Date: 08/20/2008
Action: Staff Letter - #08/20/2008

Global Id: T0600105641
Action Type: RESPONSE
Date: 09/26/2012
Action: Well Destruction Report

DRAFT

MODERN MAIL EXPRESS INC (Continued) **S107619858**

LUST:

Global Id:	T0600105641
Status:	Open - Case Begin Date
Status Date:	07/01/1998
Global Id:	T0600105641
Status:	Open - Site Assessment
Status Date:	11/22/2005
Global Id:	T0600105641
Status:	Open - Site Assessment
Status Date:	12/14/2005
Global Id:	T0600105641
Status:	Completed - Case Closed
Status Date:	10/01/2012
Global Id:	T0600105641
Status:	Completed - Case Closed
Status Date:	10/01/2012

Alameda County CS:

Status:	Case Closed
Record Id:	RO0002901
PE:	5602
Facility Status:	Case Closed
Latitude:	37.821085796
Longitude:	-122.28414223
Status:	Case Closed
Record Id:	RO0002901
PE:	5602
Facility Status:	Case Closed
Latitude:	37.821085796
Longitude:	-122.28414223
Status:	Case Closed
Record Id:	RO0002901
PE:	5602
Facility Status:	Case Closed
Latitude:	37.821085796
Longitude:	-122.28414223

CERS TANKS:

Site ID:	189916
CERS ID:	T0600105641
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

DRAFT

MODERN MAIL EXPRESS INC (Continued) **S107619858**

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

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132 NNE 1/4-1/2 0.398 mi. 2099 ft.

CALIFORNIA LINEN SUPPLY CO
989 41ST ST
OAKLAND, CA 94609

LUST **S102426128**
Alameda County CS **N/A**
HIST CORTESE
CERS

Relative: Higher

Actual: 57 ft.

LUST:

Lead Agency:	ALAMEDA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100249
Global Id:	T0600100249
Latitude:	37.8317640177705
Longitude:	-122.276265621185
Status:	Completed - Case Closed
Status Date:	09/20/2013
Case Worker:	MD
RB Case Number:	01-0267
Local Agency:	ALAMEDA COUNTY LOP
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	RO0000337
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	In February 1989 three USTs were removed and confirmation soil sampling in the tank pits confirmed that an unauthorized release to the subsurface had occurred. In October 1989 groundwater monitoring wells were installed to evaluate the dissolved phase plume; high concentrations of dissolved phase petroleum hydrocarbons were detected beneath the site. In December 2006 one UST was removed and confirmation soil sampling detected elevated levels of hydrocarbon contamination in soil. Several phases of investigation were completed between 2006 and 2009, and interim remedial action performed between October 2006 and July 2008 removed 620 cubic yards of contaminated soil and 15,000 gallons of contaminated water. In March 2009 verification soil vapor sampling detected high concentrations of 15,000,000 a%g/m3 TPHg and 33,000 a%g/m3 benzene in soil vapor samples. This site is situated at the eastern end of the currently known extent of paleochannels that extends beneath Oakland and Emeryville for a distance of over 1,500 feet (see attached mapped paleochannel network). This has allowed the migration of free-phase concentrations of petroleum hydrocarbons (mineral spirits and gasoline) over that distance (not the 250 feet per the often cited LLNL study). There are 7 known sites that have comingled plumes, and innocent property owners are involved. Continuing work at this site appears to extend the paleochannel network to the northeast of this site. This recent work (2009 and continuing as of this date, and thus not fully reported yet) is based on geophysical conductivity profiles (fine vs. granular sediments) upgradient and downgradient of the site, as well as soil vapor sampling beneath the site and upgradient of the site. Onsite soil vapor sampling appears to map out two principal paleochannels beneath the site. Soil vapor concentrations within those paleochannels for TPHg are up to 15,000,000 ug/m3 (29,000 ug/m3 ESL) and for benzene 53,000 ug/m3 (280 ug/m3 ESL); these are one to two orders of magnitude above their respective

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CALIFORNIA LINEN SUPPLY CO (Continued) **S102426128**

commercial ESLs (see attached map data submittal). The recent, on-going, and currently unreported work appears to have located one and perhaps two unreported UST locations north of 41st Street (currently unlisted as the data has not been fully reported). These may be the source of soil vapor concentrations beneath the subject site; however, this is not fully understood due to the current and on-going nature of the data at present. The elevated soil vapor concentrations are mapped to extend to the south of the subject site (via the paleochannel network) to older residential properties and low income housing that border the subject site on the south (over 300 feet from their potential source). These have been unevaluated for vapor intrusion, but the work is already approved, but is pending the resolution of offsite access difficulties. Due to offsite access difficulties, ACEH letters requesting / requiring offsite access of several parcels are likely to be issued shortly. Two of the homes are reported to have basements. 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:	T0600100249
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:	T0600100249
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:	T0600100249
Action Type:	ENFORCEMENT
Date:	05/18/2011
Action:	Staff Letter

Global Id:	T0600100249
Action Type:	ENFORCEMENT
Date:	06/05/2013
Action:	Clean Up Fund - Case Closure Review Summary Report (RSR)

Global Id:	T0600100249
Action Type:	ENFORCEMENT
Date:	06/29/2015
Action:	Staff Letter

Global Id:	T0600100249

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CALIFORNIA LINEN SUPPLY CO (Continued) **S102426128**

Action Type: ENFORCEMENT
Date: 11/19/2009
Action: File review

Global Id: T0600100249
Action Type: ENFORCEMENT
Date: 06/20/2014
Action: Staff Letter

Global Id: T0600100249
Action Type: ENFORCEMENT
Date: 01/30/2009
Action: Staff Letter - #20090130

Global Id: T0600100249
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Staff Letter - #20090724

Global Id: T0600100249
Action Type: ENFORCEMENT
Date: 03/30/2012
Action: Staff Letter - #20120330

Global Id: T0600100249
Action Type: REMEDIATION
Date: 04/01/2008
Action: Excavation

Global Id: T0600100249
Action Type: RESPONSE
Date: 11/01/2014
Action: CAP/RAP - Final Remediation / Design Plan

Global Id: T0600100249
Action Type: ENFORCEMENT
Date: 05/26/2009
Action: Technical Correspondence / Assistance / Other - #20090526

Global Id: T0600100249
Action Type: ENFORCEMENT
Date: 09/20/2013
Action: State Water Board Closure Order

Global Id: T0600100249
Action Type: ENFORCEMENT
Date: 05/31/2012
Action: Staff Letter - #20120531

Global Id: T0600100249
Action Type: ENFORCEMENT
Date: 08/07/2013
Action: Staff Letter - #20130807

Global Id: T0600100249
Action Type: ENFORCEMENT
Date: 09/24/2012

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CALIFORNIA LINEN SUPPLY CO (Continued) **S102426128**

Action: Staff Letter - #20120924

Global Id: T0600100249
Action Type: RESPONSE
Date: 12/13/2010
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0600100249
Action Type: ENFORCEMENT
Date: 03/17/2017
Action: Email Correspondence

Global Id: T0600100249
Action Type: ENFORCEMENT
Date: 11/18/2013
Action: State Water Board Closure Order

Global Id: T0600100249
Action Type: RESPONSE
Date: 04/29/2011
Action: Soil and Water Investigation Workplan

Global Id: T0600100249
Action Type: RESPONSE
Date: 03/16/2012
Action: Soil and Water Investigation Report

Global Id: T0600100249
Action Type: ENFORCEMENT
Date: 11/18/2013
Action: Closure/No Further Action Letter

Global Id: T0600100249
Action Type: Other
Date: 02/08/1989
Action: Leak Reported

Global Id: T0600100249
Action Type: RESPONSE
Date: 06/01/2015
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0600100249
Action Type: Other
Date: 02/08/1989
Action: Leak Discovery

Global Id: T0600100249
Action Type: RESPONSE
Date: 12/05/2011
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0600100249
Action Type: RESPONSE
Date: 04/12/2011
Action: Correspondence

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CALIFORNIA LINEN SUPPLY CO (Continued) **S102426128**

Global Id: T0600100249
Action Type: RESPONSE
Date: 09/07/2011
Action: Correspondence

Global Id: T0600100249
Action Type: RESPONSE
Date: 06/05/2009
Action: Correspondence

Global Id: T0600100249
Action Type: ENFORCEMENT
Date: 03/31/2011
Action: Staff Letter

Global Id: T0600100249
Action Type: ENFORCEMENT
Date: 06/05/2013
Action: Clean Up Fund - Letter to RP

Global Id: T0600100249
Action Type: RESPONSE
Date: 03/05/2012
Action: Correspondence

Global Id: T0600100249
Action Type: RESPONSE
Date: 03/23/1989
Action: Tank Removal Report / UST Sampling Report

Global Id: T0600100249
Action Type: RESPONSE
Date: 11/03/1989
Action: Preliminary Site Assessment Report

Global Id: T0600100249
Action Type: RESPONSE
Date: 02/22/2005
Action: Soil and Water Investigation Report

Global Id: T0600100249
Action Type: RESPONSE
Date: 04/30/2009
Action: Soil and Water Investigation Workplan

Global Id: T0600100249
Action Type: RESPONSE
Date: 11/16/2012
Action: Soil and Water Investigation Report

LUST:
Global Id: T0600100249
Status: Open - Case Begin Date
Status Date: 02/08/1989

Global Id: T0600100249
Status: Open - Site Assessment

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CALIFORNIA LINEN SUPPLY CO (Continued) **S102426128**

Status Date: 02/08/1989

Global Id: T0600100249
Status: Open - Site Assessment
Status Date: 06/07/1989

Global Id: T0600100249
Status: Open - Remediation
Status Date: 10/16/2006

Global Id: T0600100249
Status: Open - Site Assessment
Status Date: 03/13/2009

Global Id: T0600100249
Status: Open - Verification Monitoring
Status Date: 05/18/2011

Global Id: T0600100249
Status: Open - Eligible for Closure
Status Date: 05/22/2013

Global Id: T0600100249
Status: Completed - Case Closed
Status Date: 09/20/2013

LUST REG 2:
Region: 2
Facility Id: 01-0267
Facility Status: Preliminary site assessment underway
Case Number: 313
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 2/28/1989
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: RO0000337
PE: 5602
Facility Status: Case Closed
Latitude: 37.831798701
Longitude: -122.27610415

Status: Case Closed
Record Id: RO0000337
PE: 5602
Facility Status: Case Closed

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CALIFORNIA LINEN SUPPLY CO (Continued) **S102426128**

Latitude: 37.831798701
Longitude: -122.27610415

Status: Case Closed
Record Id: RO0000337
PE: 5602
Facility Status: Case Closed
Latitude: 37.831798701
Longitude: -122.27610415

Status: Case Closed
Record Id: RO0000337
PE: 5602
Facility Status: Case Closed
Latitude: 37.831798701
Longitude: -122.27610415

Status: Case Closed
Record Id: RO0000337
PE: 5602
Facility Status: Case Closed
Latitude: 37.831798701
Longitude: -122.27610415

Status: Case Closed
Record Id: RO0000337
PE: 5602
Facility Status: Case Closed
Latitude: 37.831798701
Longitude: -122.27610415

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-0267

CERS TANKS:
Site ID: 247558
CERS ID: T0600100249
CERS Description: Leaking Underground Storage Tank Cleanup 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

DRAFT

CALIFORNIA LINEN SUPPLY CO (Continued) **S102426128**

Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

AA133 **AMERICAN RUBBER MFG CO / PARK AVENUE PROPERTY** **LUST** **S109283939**
NNW **1199 PARK AVE** **Alameda County CS** **N/A**
1/4-1/2 **EMERYVILLE, CA 94608** **CERS**
0.400 mi.
2110 ft. **Site 1 of 2 in cluster AA**

Relative:
Higher

Actual:
35 ft.

LUST:
Lead Agency: ALAMEDA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100826
Global Id: T0600100826
Latitude: 37.83205
Longitude: -122.281722
Status: Completed - Case Closed
Status Date: 12/31/1988
Case Worker: Not reported
RB Case Number: 01-0897
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: Soil
Potential Contaminants of Concern: Other Solvent or Non-Petroleum Hydrocarbon, Toluene, Diesel, Gasoline, Waste Oil / Motor / Hydrau
Site History: Not reported

LUST:
Global Id: T0600100826
Action Type: Other
Date: 11/01/1988
Action: Leak Stopped

Global Id: T0600100826
Action Type: Other
Date: 11/01/1988
Action: Leak Reported

Global Id: T0600100826
Action Type: Other
Date: 11/01/1988
Action: Leak Discovery

LUST:
Global Id: T0600100826
Status: Open - Case Begin Date
Status Date: 11/01/1988

Global Id: T0600100826
Status: Open - Case Begin Date
Status Date: 11/01/1988

Global Id: T0600100826
Status: Completed - Case Closed

DRAFT

AMERICAN RUBBER MFG CO / PARK AVENUE PROPERTY (Continued) **S109283939**

Status Date: 12/31/1988

Alameda County CS:

Status:	Case Closed
Record Id:	RO0003072
PE:	5602
Facility Status:	Case Closed
Latitude:	Not reported
Longitude:	Not reported

Status:	Case Closed
Record Id:	RO0003072
PE:	5602
Facility Status:	Case Closed
Latitude:	Not reported
Longitude:	Not reported

CERS TANKS:

Site ID:	224277
CERS ID:	T0600100826
CERS Description:	Leaking Underground Storage Tank Cleanup Site

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AA134 **PARK AVENUE PROPERTY** **HIST CORTESE** **S100226342**
NNW **1199 PARK** **N/A**
1/4-1/2 **EMERYVILLE, CA**
0.400 mi.
2110 ft. **Site 2 of 2 in cluster AA**

Relative:
Higher

Actual:
35 ft.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-0897

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135 **BABIES R US** **LUST** **S113460013**
WNW **3938 HORTON ST** **HAZNET** **N/A**
1/4-1/2 **EMERYVILLE, CA 94608** **CERS**
0.400 mi.
2111 ft.

Relative:
Lower

Actual:
16 ft.

LUST:

Lead Agency:	ALAMEDA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100144
Global Id:	T0600100144
Latitude:	37.8288922783671
Longitude:	-122.287863492965
Status:	Completed - Case Closed
Status Date:	03/04/2015
Case Worker:	KEN
RB Case Number:	01-0155
Local Agency:	ALAMEDA COUNTY LOP
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	RO0000369

DRAFT

BABIES R US (Continued) **S113460013**

Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: The former Bay Area Warehouse (BAW) facility, located at 4001 Hollis Street, and the adjoining Santa Fe Terminal Services-Area C (SFTS-C) property, occupied an approximately eight and one-half-acre property within the 51-acre retail and residential redevelopment project named the East Baybridge Center (EBC). The property is currently owned by East Bay Bridge Retail LLC and Toy-R-Us (TRU). The portion of the EBC development comprising the Bay Area Warehouse consists of all or parts of five parcels having APNs 7-617-16-5, 7-617-20, and 7-617-21 in the City of Oakland, and APNs 7-617-22 and 7-617-23-1 in the City of Emeryville, California. Current development consists of three commercial single-story structures of approximately 44,300 and 24,000, and 3,900 square feet with adjacent paved parking areas. The site is bounded on the east by Hollis Street, on the north by Shellmound Street and 40th Street, and the south by Mandela Parkway and Yerba Buena Avenue. The western demarcation was the former M and N Trucking warehouse facility. As currently developed, the western property boundary for BAW/SFTS-C is approximately along the projected extension of Hubbard Street. Due to the size and history of the EBC property, Catellus Land Development Corporation (Catellus), the EBC project developer, used three areas transected by Yerba Buena Avenue and Hollis Street to aid with the geographic distinction during the environmental characterization of the EBC development. The portion of the EBC property north of Yerba Buena Avenue and west of Hollis Street was designated Area C. These area designations were used throughout site redevelopment. Area C of the EBC project consisted of Santa Fe Terminal Services-Area C, Bashland, Bay Area Warehouse, and M and N Trucking Warehouse. The Santa Fe Terminal Services area consisted of railroad tracks and sidings and open areas used for the storage of rolling stock. Unimproved access roads typically paralleled the rail road tracks. Bashland (RO0000326) and M and N Trucking Warehouse (RO0003092) facilities are not considered part of the BAW/SFTS-C case and are addressed as separate cases. The BAW property, as indentified in this site closure, consists of a warehouse facility and the adjoining Santa Fe Terminal Services -Area C (SFTS-C). BAW leased the 79,000 square-foot warehouse facility from the property owner, the Atchison, Topeka and Santa Fe (AT&SF) Railway Company. SFTS-C was included with the contiguous BAW as it bounds BAW on the south and west (down groundwater gradient) of the BAW warehouse underground storage tank (UST) location, providing groundwater monitoring data, and contained a 60-gallon tank possibly used for heating oil storage. The BAW facility consisted of a 79,000 square-foot warehouse, access road and rail road sidings, and a paved parking area. Prior to the existing commercial development, a warehouse structure, constructed in 1903, was situated in the north-central portion of the property. The warehouse was originally occupied by the Western Electric Company. The warehouse was serviced by a railroad spur along the north side of the building. The facility was accessed by an asphalt paved road trending westward from Hollis Street. The warehouse was occupied by the Furniture Corporation of America by the 1930s. Site operations were reported to include spray painting, finishing, and paint storage. The original building was expanded and in 1951 was occupied by an oil house, truck washing, and beer warehouse. An incinerator was located in the northwest corner of the building at this time. In 1964 the western end of the building was occupied by a metal shelving warehouse with the remainder of the

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BABIES R US (Continued) **S113460013**

warehouse building occupied by Bay Cities Warehouse. Later tenants included a vending machine company, two chemical companies, and a rubber manufacturing company. The chemical and rubber companies were reported to have used the facility for storage. Wellson, Inc, doing business as the Bay Area Warehouse Company, leased the warehouse facility by the late 1970s. The BAW warehouse was serviced by railroad sidings along the northern and southern perimeters of the elongate warehouse building and was used as a storage and transfer point for a variety of dry goods and limited quantities of hazardous materials that included oxides and acids. A 2,000-gallon underground gasoline storage tank was associated with the warehouse. The southern and western portion of the property (SFTS-C) consisted of railroad tracks, sidings and open paved and unpaved areas. Early usage of the area south of the BAW warehouse was for coal storage by the American Fuel Company. Subsequently paved areas of SFTS-C were used by the Santa Fe Terminal Services for the storage of truck trailers. With the reduction/cessation of track usage, the southern site area became a dumping ground for trash and demolition debris. Soil and groundwater investigations conducted in 1990 revealed the presence of toluene concentrations of up to 0.54 mg/kg in soil. Total petroleum hydrocarbons as gasoline (TPHg), total petroleum hydrocarbons as diesel (TPHd), and total petroleum hydrocarbons as oil (TPHo) were reported at levels below the laboratory detection limit for both soil and groundwater samples recovered from the property. Arsenic, lead, and zinc concentrations were detected at 22 mg/kg, 240 mg/kg, and 420 mg/kg, respectively in the upper half-foot of the southwestern site area and arsenic at 25 mg/kg in the southeastern site area. The lead and zinc concentrations decreased to 5 mg/kg and 38 mg/kg, respectively, by four feet below the ground surface. Two metals were documented in site groundwater- the presence of nickel, at up to 50 a%g/L, and zinc concentrations up to 21 a%g/L. A subsequent investigation was conducted in 1991 to address oily soil and groundwater observed in a test pit opposite the abutting Bashland facility USTs. TPHo was reported to 1,100 mg/kg and TPHd to 1 mg/kg. Excavating was halted to prevent undermining the Bashland USTs. The report recommended continuing excavation activities after the Bashland USTs were removed. No documentation regarding additional excavation work was found in the case file. However, the 1,100 mg/kg TPHo concentration s below the 2013 Regional Water Quality Control Board (RWQCB) 2,500 mg/kg residual fuels Environmental Screening Level (ESL) for shallow soils where groundwater is a potential source of drinking water, commercial land use scenario. On November 20, 1991 one 2,000-gallon single walled, tar-coated-steel gasoline UST of unknown age and 20 feet of piping were removed from the BAW facility. A sample of the contents of the tank was recovered for identification and was identified as leaded gasoline with trace amounts of weathered diesel. Approximately 10 gallons of residual product was pumped out and transported off site for disposal. The base of the tank was at 6 feet below the ground surface with ground water encountered at approximately 6 feet. A visual inspection of the removed tank did not reveal signs of rupture, puncture, cracking or leakage. Approximately 30 cubic yards (cu-yds) of soil were excavated and stockpiled during the tank removal. Three soil samples, two from the UST excavation and one from beneath the former dispenser island, and one groundwater sample were recovered for analysis. All samples were analyzed for benzene, toluene, ethylbenzene, total xylenes and lead. The soil samples were reported to contain concentrations of up to 3.0 mg/kg

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BABIES R US (Continued) **S113460013**

TPHg, 0.013 mg/kg toluene, 0.052 mg/kg ethylbenzene, and 0.057 mg/kg total xylenes. Benzene levels were reported below the 0.005 mg/kg laboratory detection limit. Lead was reported at concentrations up to 146 mg/kg. A waste extraction test (WET) was performed on the sample with the 146 mg/kg lead result. The WET lead was reported at 21.7 mg/L (the analytical laboratory reported the concentration units as mg/kg). Groundwater entering the tank pit was observed to have a sheen on the water surface. The groundwater sample recovered from the excavation contained TPHg at 8,800 micrograms/liter (a%g/L), 240 a%g/L benzene, 360 a%g/L toluene, 170 a%g/L ethylbenzene, and 750 a%g/L total xylenes. The lead concentration in the water sample was reported to be below the laboratory detection limit. A 60-gallon UST was encountered on September 8, 1994 during an exploration of areas exhibiting magnetic anomalies. A profile sample of the liquid contents of the tank revealed TPHg, TPHd, and TPHo at 0.09 mg/kg, 2 mg/kg, and 2 mg/kg, respectively. The BTEX compound concentrations were reported below their respective laboratory detection limits. Excavation sampling indicated residual soil concentrations of 2 mg/kg TPHg, 3 mg/kg TPHd, and 20 mg/kg TPHo. Based on the results of soil sampling, the UST was presumed to be a thing oil tank. The 20 cu-yds of soil removed from the excavation were returned to the tank pit as backfill. The 20 gallons of liquid pumped from the tank was introduced into a groundwater treatment system operating in different area of the EBC development. In September and October 1994 oil-affected soil was excavated from within the Yerba Buena Street right-of-way on SFTS-C. The soil was encountered during grading/site development activities and contained up to 390 mg/kg TPHd and 2,100 mg/kg total oil and grease (TOG). The TPHd sample was flagged by the laboratory as due to the presence of a heavier petroleum hydrocarbon in the C18-C36 range (possibly motor oil). Approximately 300 cu yds of soil containing concentrations exceeding the cleanup guidelines was excavated and transported to the REMCO facility in Richmond, California for thermal treatment and recycled for use as backfill material within the EBC project area. Confirmation soil samples from the over-excavation demonstrated the maximum residual concentrations as 4 mg/kg TPHd, 30 mg/kg TPHo and 80 mg/kg TOG. Perimeter up gradient groundwater monitoring wells LF-9, LF-10, and LF-11 were installed in January and February 1990 to monitor for off-site impacts in groundwater entering the site. Well LF-11 was decommissioned and replaced by monitoring well LF-11R in the Fall, 1993. Groundwater monitoring well LF-32 was installed on May 20, 1993 adjacent to the down gradient side of the former 2,000-gallon UST. Diesel range petroleum hydrocarbons (TPHd) were reported in all five of the LF-32 quarterly monitoring events performed between May 1993 and June 1994 during which TPHd was analyzed. Concentrations of TPHd were reported at 230 a%g/L to 1,400 a%g/L. Oil range petroleum hydrocarbons (TPHo) were reported in the three quarterly monitoring events during which TPHo was analyzed, with concentrations varying from 360 a%g/L to 850 a%g/L. Gasoline range petroleum hydrocarbons (TPHg) were reported in one of six quarterly monitoring events at a concentration of 110 a%g/L. The analytical laboratory flagged the gasoline sample as primarily due to the presence of a heavier petroleum hydrocarbon product of hydrocarbon range C9-C14, possibly a diesel fuel. Subsequently, the laboratory indicated the TPHg detected was the result of cross contamination by the laboratory. The well was re-sampled and analyzed for TPHg with the result of a TPHg concentration reported below the laboratory reporting limit,

Draft

BABIES R US (Continued) **S113460013**

supporting laboratory contamination determination. The BTEX compounds were reported below the laboratory reporting limits for the five of the quarterly monitoring events during which the BTEX compounds were analyzed. Monitoring wells LF-10, LF-11 and LF-32 were decommissioned in June 1994 in preparation for site grading activities. Monitoring well LF-9 had previously been decommissioned in June, 1991. Monitoring well LF-32 was replaced by well MW-32R in late 1995. MW-32R similarly situated down gradient of the former UST location and was within 20 feetof the well it replaced. Monitoring well MW-32R was sampled approximately quarterly through February 1997. Monitoring well LF-10 was replaced by MW-10R. Well MW-10R continued to provide off-site VOC data but was moved in part to be out of the widened 40th Street right-of-way. During the final year of sampling the maximum reported concentration in the wells included 350 a%g/L TPHd. The TPHg and BTEX compound concentrations were also reported below their respective laboratory detection limits. The replacement wells were decommissioned in March, 2004. Depth to water (dtw) measurements ranged from 5.53 feet to 7.39 feet btoc between December 1995 and the final groundwater sampling event in December 2001. Site cleanup criteria were established at 1,000 milligrams per kilogram (mg/kg) total oil and grease (TOG), 100 mg/kg total petroleum hydrocarbons as diesel (TPHd), 10 mg/kg total petroleum hydrocarbons as gasoline (TPHg), and 1 mg/kg benzene, toluene, ethylbenzene or toluene (BTEX) compounds (combined). A 1992 revision to the clean up levels reduce the benzene concentration to non-detect. The Total Threshold Limit Concentrations (TTLCs) were used for the cleanup levels for metals. Soils containing concentration exceedances were either disposed off-site, excavated and placed in an off-site soil containment area located in another area within the EBC development , or addressed during mass grading activities. Though no on-site source areas of volatile organic compounds (VOCs) have been identified at the site, VOCs have historically been detected in groundwater and in soil at the soil-groundwater interface beneath the greater EBC project area. Based on the findings of the soil and groundwater studies, the Regional Water Quality Control Board (RWQCB) was of the opinion VOCs in groundwater appear to be from an off-site up-gradient source. The RWQCB was the lead agency for VOC impacts to groundwater for the EBC project (RWQCB Case #01S0226) and are not considered a part of this closure. The RWQCB closed their VOC case on June 6, 2002.

LUST:

Global Id:	T0600100144
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:	T0600100144
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

BABIES R US (Continued) **S113460013**

LUST:

Global Id: T0600100144
Action Type: ENFORCEMENT
Date: 03/05/1991
Action: Staff Letter - #19910305

Global Id: T0600100144
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Staff Letter - #20090724

Global Id: T0600100144
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Notice of Violation - #20090724

Global Id: T0600100144
Action Type: Other
Date: 11/20/1991
Action: Leak Discovery

Global Id: T0600100144
Action Type: RESPONSE
Date: 11/19/1991
Action: Interim Remedial Action Report

Global Id: T0600100144
Action Type: Other
Date: 11/20/1991
Action: Leak Stopped

Global Id: T0600100144
Action Type: RESPONSE
Date: 06/28/2004
Action: Well Destruction Report

Global Id: T0600100144
Action Type: RESPONSE
Date: 03/09/1994
Action: Other Report / Document

Global Id: T0600100144
Action Type: RESPONSE
Date: 01/31/2002
Action: Monitoring Report - Quarterly

Global Id: T0600100144
Action Type: ENFORCEMENT
Date: 10/02/2014
Action: Notification - Public Notice of Case Closure - #2014-10-02

Global Id: T0600100144
Action Type: ENFORCEMENT
Date: 05/09/1990
Action: Technical Correspondence / Assistance / Other - #19900509

Global Id: T0600100144

DRAFT

BABIES R US (Continued) **S113460013**

Action Type: RESPONSE
Date: 01/09/1995
Action: Soil and Water Investigation Report

Global Id: T0600100144
Action Type: RESPONSE
Date: 08/09/1994
Action: Soil and Water Investigation Report

Global Id: T0600100144
Action Type: RESPONSE
Date: 03/24/1994
Action: Monitoring Report - Other

Global Id: T0600100144
Action Type: RESPONSE
Date: 05/17/1994
Action: Risk Assessment Report

Global Id: T0600100144
Action Type: RESPONSE
Date: 08/15/1990
Action: Soil and Water Investigation Report

Global Id: T0600100144
Action Type: RESPONSE
Date: 07/30/1993
Action: Soil and Water Investigation Report

Global Id: T0600100144
Action Type: RESPONSE
Date: 12/11/1991
Action: Tank Removal Report / UST Sampling Report

Global Id: T0600100144
Action Type: RESPONSE
Date: 08/15/1990
Action: Soil and Water Investigation Report

Global Id: T0600100144
Action Type: RESPONSE
Date: 10/26/1990
Action: Soil and Water Investigation Report

Global Id: T0600100144
Action Type: RESPONSE
Date: 08/17/1994
Action: Soil and Water Investigation Report

Global Id: T0600100144
Action Type: RESPONSE
Date: 02/12/1997
Action: Monitoring Report - Quarterly

Global Id: T0600100144
Action Type: Other
Date: 12/02/1991

DRAFT

BABIES R US (Continued) **S113460013**

Action: Leak Reported

Global Id: T0600100144
Action Type: RESPONSE
Date: 01/31/2001
Action: Monitoring Report - Semi-Annually

Global Id: T0600100144
Action Type: RESPONSE
Date: 12/01/1991
Action: Tank Removal Report / UST Sampling Report

Global Id: T0600100144
Action Type: RESPONSE
Date: 09/14/1994
Action: Risk Assessment Report

Global Id: T0600100144
Action Type: RESPONSE
Date: 11/08/1990
Action: CAP/RAP - Other Report

Global Id: T0600100144
Action Type: RESPONSE
Date: 08/15/1990
Action: Soil and Water Investigation Report

Global Id: T0600100144
Action Type: RESPONSE
Date: 08/15/1990
Action: Soil and Water Investigation Report

Global Id: T0600100144
Action Type: RESPONSE
Date: 10/31/1996
Action: Monitoring Report - Quarterly

Global Id: T0600100144
Action Type: RESPONSE
Date: 10/26/1994
Action: Tank Removal Report / UST Sampling Report

Global Id: T0600100144
Action Type: RESPONSE
Date: 05/11/1994
Action: Correspondence

Global Id: T0600100144
Action Type: RESPONSE
Date: 04/28/1994
Action: Correspondence

Global Id: T0600100144
Action Type: RESPONSE
Date: 05/06/1991
Action: Other Report / Document

DRAFT

BABIES R US (Continued) **S113460013**

Global Id: T0600100144
Action Type: RESPONSE
Date: 07/31/2001
Action: Monitoring Report - Semi-Annually

Global Id: T0600100144
Action Type: RESPONSE
Date: 04/30/1998
Action: Monitoring Report - Quarterly

Global Id: T0600100144
Action Type: RESPONSE
Date: 02/01/1999
Action: Monitoring Report - Semi-Annually

Global Id: T0600100144
Action Type: RESPONSE
Date: 07/30/1999
Action: Monitoring Report - Semi-Annually

Global Id: T0600100144
Action Type: RESPONSE
Date: 07/03/1991
Action: Other Report / Document

Global Id: T0600100144
Action Type: RESPONSE
Date: 01/25/2000
Action: Monitoring Report - Semi-Annually

Global Id: T0600100144
Action Type: RESPONSE
Date: 07/31/1997
Action: Monitoring Report - Quarterly

Global Id: T0600100144
Action Type: RESPONSE
Date: 09/14/1994
Action: Other Report / Document

Global Id: T0600100144
Action Type: RESPONSE
Date: 09/17/1994
Action: Other Report / Document

Global Id: T0600100144
Action Type: RESPONSE
Date: 07/31/2000
Action: Monitoring Report - Semi-Annually

Global Id: T0600100144
Action Type: RESPONSE
Date: 04/30/1997
Action: Monitoring Report - Quarterly

Global Id: T0600100144
Action Type: RESPONSE

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BABIES R US (Continued) **S113460013**

Date: 01/30/1998
Action: Monitoring Report - Quarterly

Global Id: T0600100144
Action Type: RESPONSE
Date: 09/14/1994
Action: Well Destruction Report

Global Id: T0600100144
Action Type: RESPONSE
Date: 04/30/1993
Action: Well Installation Workplan

Global Id: T0600100144
Action Type: ENFORCEMENT
Date: 08/04/1993
Action: Staff Letter - #19930804

Global Id: T0600100144
Action Type: ENFORCEMENT
Date: 06/10/1994
Action: Staff Letter - #19940610

Global Id: T0600100144
Action Type: ENFORCEMENT
Date: 06/26/1998
Action: Technical Correspondence / Assistance / Other - #19980626

Global Id: T0600100144
Action Type: RESPONSE
Date: 07/30/1993
Action: Soil and Water Investigation Report

Global Id: T0600100144
Action Type: ENFORCEMENT
Date: 10/13/1992
Action: Staff Letter - #19921013

Global Id: T0600100144
Action Type: ENFORCEMENT
Date: 05/15/2012
Action: File review

Global Id: T0600100144
Action Type: ENFORCEMENT
Date: 03/04/2015
Action: Closure/No Further Action Letter - #20150304

Global Id: T0600100144
Action Type: ENFORCEMENT
Date: 06/24/2014
Action: Staff Letter - #20140624

Global Id: T0600100144
Action Type: ENFORCEMENT
Date: 07/03/2008
Action: Staff Letter - #20080703

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BABIES R US (Continued) **S113460013**

Global Id: T0600100144
Action Type: RESPONSE
Date: 08/10/2009
Action: Electronic Reporting Submittal Due

Global Id: T0600100144
Action Type: RESPONSE
Date: 08/24/2014
Action: Correspondence

Global Id: T0600100144
Action Type: ENFORCEMENT
Date: 04/18/1990
Action: Staff Letter - #19900418

Global Id: T0600100144
Action Type: ENFORCEMENT
Date: 08/29/2014
Action: Notice of Responsibility - #08/29/2014

LUST:
Global Id: T0600100144
Status: Open - Case Begin Date
Status Date: 05/26/1993

Global Id: T0600100144
Status: Open - Site Assessment
Status Date: 05/26/1993

Global Id: T0600100144
Status: Open - Verification Monitoring
Status Date: 10/27/1994

Global Id: T0600100144
Status: Open - Verification Monitoring
Status Date: 12/20/1995

Global Id: T0600100144
Status: Open - Eligible for Closure
Status Date: 06/23/2014

Global Id: T0600100144
Status: Completed - Case Closed
Status Date: 03/04/2015

HAZNET:
envid: S113460013
Year: 2016
GEPAID: CAL000412322
Contact: JOEL TENNENBERG
Telephone: 9736175741
Mailing Name: Not reported
Mailing Address: 1 GEOFFREY WAY
Mailing City,St,Zip: WAYNE, NJ 07470
Gen County: Alameda

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BABIES R US (Continued) **S113460013**

TSD EPA ID: NVD980895338
TSD County: 99
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0065
Cat Decode: Off-specification, aged or surplus organics
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Alameda

envid: S113460013
Year: 2016
GEPAID: CAL000412322
Contact: JOEL TENNENBERG
Telephone: 9736175741
Mailing Name: Not reported
Mailing Address: 1 GEOFFREY WAY
Mailing City,St,Zip: WAYNE, NJ 07470
Gen County: Alameda
TSD EPA ID: NVD980895338
TSD County: 99
Waste Category: Liquids with pH <= 2 with metals
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.1015
Cat Decode: Liquids with pH <= 2 with metals
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Alameda

envid: S113460013
Year: 2016
GEPAID: CAL000412322
Contact: JOEL TENNENBERG
Telephone: 9736175741
Mailing Name: Not reported
Mailing Address: 1 GEOFFREY WAY
Mailing City,St,Zip: WAYNE, NJ 07470
Gen County: Alameda
TSD EPA ID: NVD980895338
TSD County: 99
Waste Category: Other inorganic solid waste
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.004
Cat Decode: Other inorganic solid waste
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Alameda

envid: S113460013
Year: 2016
GEPAID: CAL000412322
Contact: JOEL TENNENBERG
Telephone: 9736175741
Mailing Name: Not reported

DRAFT

BABIES R US (Continued) **S113460013**

Mailing Address: 1 GEOFFREY WAY
Mailing City,St,Zip: WAYNE, NJ 07470
Gen County: Alameda
TSD EPA ID: NVD980895338
TSD County: 99
Waste Category: Off-specification, aged or surplus inorganics
Disposal Method: Neutralization Only
Tons: 0.0015
Cat Decode: Off-specification, aged or surplus inorganics
Method Decode: Neutralization Only
Facility County: Alameda

envid: S113460013
Year: 2010
GEPAID: CAC002653056
Contact: DEBBIE BRUNELL, EXT 111
Telephone: 6099713636
Mailing Name: Not reported
Mailing Address: 3938 HORTON ST
Mailing City,St,Zip: EMERYVILLE, CA 946083549
Gen County: Not reported
TSD EPA ID: CAD044429835
TSD County: Not reported
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: 0.152
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.

CERS TANKS:
Site ID: 258604
CERS ID: T0600100144
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
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

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

DRAFT

BABIES R US (Continued) **S113460013**

Affiliation Zip: Not reported
Affiliation Phone: Not reported

AB136
NNW
1/4-1/2
0.400 mi.
2111 ft.

PEPSI COLA BOTTLING CO.
1150 PARK AVE
EMERYVILLE, CA 94608

Site 1 of 2 in cluster AB

Alameda County CS **1000381943**
SWEEPS UST **N/A**
HIST UST
CA FID UST

Relative:
Higher

Actual:
39 ft.

Alameda County CS:

Status: 11
Record Id: RO0000064
PE: 5602
Facility Status: Not reported
Latitude: Not reported
Longitude: Not reported

Status: 11
Record Id: RO0000064
PE: 5602
Facility Status: Not reported
Latitude: Not reported
Longitude: Not reported

SWEEPS UST:

Status: Not reported
Comp Number: 11007
Number: Not reported
Board Of Equalization: 44-000162
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-000-011007-000001
Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: 1

Status: Active
Comp Number: 11007
Number: 1
Board Of Equalization: 44-000162
Referral Date: 04-30-91
Action Date: 12-14-93
Created Date: 02-29-88
Owner Tank Id: 9
SWRCB Tank Id: 01-000-011007-000002
Tank Status: A
Capacity: 8000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P

DRAFT

PEPSI COLA BOTTLING CO. (Continued) **1000381943**

Content: DIESEL
Number Of Tanks: 1

HIST UST:

File Number:	000361A9
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000361A9.pdf
Region:	STATE
Facility ID:	00000011007
Facility Type:	Other
Other Type:	BEVERAGE MFG. & DIST
Contact Name:	JERRY TIDWELL
Telephone:	4156527710
Owner Name:	NEW CENTURY BEVERAGE COMPANY I
Owner Address:	630 VALENCIA STREET
Owner City,St,Zip:	SAN FRANCISCO, CA 94110
Total Tanks:	0004
Tank Num:	001
Container Num:	8
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	0.25
Leak Detection:	Stock Inventor
Tank Num:	002
Container Num:	9
Year Installed:	Not reported
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	0.25
Leak Detection:	Stock Inventor
Tank Num:	003
Container Num:	8
Year Installed:	Not reported
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	0.25
Leak Detection:	Stock Inventor
Tank Num:	004
Container Num:	9
Year Installed:	Not reported
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	0.25
Leak Detection:	Stock Inventor

Click here for Geo Tracker PDF:

CA FID UST:

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PEPSI COLA BOTTLING CO. (Continued) **1000381943**

Facility ID:	01001818
Regulated By:	UTNKA
Regulated ID:	00011007
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	Not reported
Mail To:	Not reported
Mailing Address:	1150 PARK AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	EMERYVILLE 94608
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

AB137 **PEPSI-COLA COMPANY / PIXAR ANIMATION STUDIOS** **LUST** **1000477486**
NNW **1150 PARK AVENUE** **CERS** **N/A**
1/4-1/2 **EMERYVILLE, CA 94608**
0.400 mi.
2111 ft. **Site 2 of 2 in cluster AB**

Relative:
Higher

Actual:
39 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=T0600100118
Global Id:	T0600100118
Latitude:	37.8324546289744
Longitude:	-122.281495928764
Status:	Completed - Case Closed
Status Date:	09/22/2010
Case Worker:	MEJ
RB Case Number:	01-0127
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), Soil
Potential Contaminants of Concern:	Benzene, Diesel, Gasoline
Site History:	A subsurface investigation was requested for the subject site. Wells MW-1 to MW-9 and soil bores B-1 to B-29 were installed in March 1994. Two USTs were identified onsite, and four offsite USTs or former UST sites were discovered in the immediate vicinity of the site. The investigation assessed the two onsite and two of the offsite USTs and found concentrations of concern in soil and groundwater at each. One 10,000-gallon diesel UST (southwestern portion of site) had been removed in 1987. Concentrations in UST confirmation soil samples collected at the time of removal of this UST are reported to have been non-detectable; however, the data is not currently available and subsequent sampling noted above document concentrations of concern. Another 10,000-gallon UST was subsequently removed from western portion of the site in July 1994; it had previously been used to store gasoline and then diesel during separate periods. Concentrations of concern were documented in removal confirmation soil and groundwater samples at the time of removal. Wells MW-10 to MW-12 and bores B-41 to B-49 were installed in October 1994. Wells MW-13 and MW-14 were installed in June 1995. Overexcavation of soil

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PEPSI-COLA COMPANY / PIXAR ANIMATION STUDIOS (Continued) **1000477486**

in the vicinity of the two USTs occurred in October and November 1995. In November 1995 soil bores B-50 to B-63 were installed in the vicinity of the former diesel UST. In May 1996 pre-demolition sub-slab soil samples were collected in bores B-64 to B-89. In July 1996 PNA soil samples were collected in bores B-96 and B-97. A water supply well (a minimum of 90 feet deep) was destroyed in September 1996. Approval to destroy wells MW-8, MW-9, MW-11, MW-13, and MW-14 was issued by ACEH in January 1997 due to parcel accesses agreement disputes with an adjacent parcel owner. It is unclear if the wells were destroyed thereafter. A Risk Assessment was submitted in December 1996, amended in August 1997, and accepted by ACEH in January 1998 wherein case closure was accepted with documentation of five conditions: generation of a Site Management Plan, assurance the SMP would be maintained in the future, submittal of a copy of the recorded deed notice, management of impacted media during future site redevelopment, destruction of 14 wells. Preliminary documentation of these actions was not provided until July 2009 in response to a request for additional investigation; further documentation is required. Case closed on 9/22/2010. Residual petroleum being handled as aprt of a larger SCP cases - 01S0171.

LUST:

Global Id:	T0600100118
Contact Type:	Regional Board Caseworker
Contact Name:	MARK JOHNSON
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY STREET, SUITE 1400
City:	OAKLAND
Email:	mjohnson@waterboards.ca.gov
Phone Number:	Not reported

LUST:

Global Id:	T0600100118
Action Type:	ENFORCEMENT
Date:	07/06/2010
Action:	Referral to Regional Board
Global Id:	T0600100118
Action Type:	Other
Date:	07/19/1994
Action:	Leak Stopped
Global Id:	T0600100118
Action Type:	RESPONSE
Date:	01/25/1997
Action:	Correspondence
Global Id:	T0600100118
Action Type:	ENFORCEMENT
Date:	07/24/2009
Action:	Staff Letter - #20090724
Global Id:	T0600100118
Action Type:	Other
Date:	04/20/1994
Action:	Leak Discovery

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PEPSI-COLA COMPANY / PIXAR ANIMATION STUDIOS (Continued) **1000477486**

Global Id: T0600100118
Action Type: Other
Date: 04/20/1994
Action: Leak Reported

Global Id: T0600100118
Action Type: REMEDIATION
Date: 09/09/9999
Action: Excavation

Global Id: T0600100118
Action Type: ENFORCEMENT
Date: 08/13/2009
Action: Staff Letter - #20090813

Global Id: T0600100118
Action Type: ENFORCEMENT
Date: 07/03/2008
Action: Staff Letter - #20080703

Global Id: T0600100118
Action Type: ENFORCEMENT
Date: 11/05/2008
Action: Staff Letter - #20081105

LUST:
Global Id: T0600100118
Status: Open - Case Begin Date
Status Date: 03/29/1994

Global Id: T0600100118
Status: Open - Site Assessment
Status Date: 03/29/1994

Global Id: T0600100118
Status: Open - Referred
Status Date: 07/01/2010

Global Id: T0600100118
Status: Open - Inactive
Status Date: 07/08/2010

Global Id: T0600100118
Status: Open - Site Assessment
Status Date: 07/08/2010

Global Id: T0600100118
Status: Completed - Case Closed
Status Date: 09/22/2010

LUST REG 2:
Region: 2
Facility Id: 01-0127
Facility Status: Remedial action (cleanup) Underway
Case Number: 1777

DRAFT

PEPSI-COLA COMPANY / PIXAR ANIMATION STUDIOS (Continued) **1000477486**

How Discovered: Subsurface Monitoring
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: Not reported
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: 9/14/1995
Date Remediation Action Underway: 2/9/1998
Date Post Remedial Action Monitoring Began: Not reported

CERS TANKS:
Site ID: 253470
CERS ID: T0600100118
CERS Description: Leaking Underground Storage Tank Cleanup 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

138
WSW
1/4-1/2
0.404 mi.
2132 ft.

SAN CARLOS BEACH
1549 32ND
OAKLAND, CA 94608

CPS-SLIC **S103982407**
Alameda County CS **N/A**
HIST CORTESE
CERS

Relative:
Lower

Actual:
12 ft.

CPS-SLIC:
Region: STATE
Facility Status: **Open - Remediation**
Status Date: 04/25/2018
Global Id: T06019741226
Lead Agency: ALAMEDA COUNTY LOP
Lead Agency Case Number: RO0003160
Latitude: 37.823125
Longitude: -122.286483
Case Type: Cleanup Program Site
Case Worker: JES
Local Agency: ALAMEDA COUNTY LOP
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: Tetrachloroethylene (PCE), Diesel, Total Petroleum Hydrocarbons (TPH), Waste Oil / Motor / Hydraulic / Lubricating
Site History: This case, which applies to parcels 7-589-1 and 7-589-24, has addresses for 1549 32nd Street and 2868 Hannah Street. Currently, this case is Alameda County Department of Environmental Health (ACDEH) case RO0003160 but was formerly RO0002508. A new case number was assigned when a new development was proposed for the site. The site is currently a vacant lot. The City of Oakland has approved

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SAN CARLOS BEACH (Continued) **S103982407**

building permit plans for the proposed "Hannah Street Lofts" redevelopment project contingent upon clearance of environmental conditions at the site from ACDEH. The project consists of a three story building consisting of 36 residential units (apartments), 11 work/live units and ground floor parking. From the 1940's to 1983, the site heat-treated metal products, and operated as a steel foundry from 1983 to 2002. A putty and paint factory also operated at the site until 1985. In 1988 a soil investigation was conducted and included advancement of 4 exploratory soil borings (unknown depths and locations). Concentrations of ethanol, methanol, 1,1-dichloroethene (1,1,-DCE), and metals were detected in the samples. In March 2002, samples collected from four soil borings were reported to have elevated concentrations of total recoverable petroleum hydrocarbons (TRPH) and minor concentrations of BTEX. In April 2002, during advancement of seven soil borings, free floating oil was observed, and a waste oil percolation well discovered. Remedial soil removal activities were conducted in April and May 2002 in the vicinity of the percolation well. Grab groundwater sample analytical results reported elevated concentrations of BTEX, 1,2 - DCE and naphthalene. In May 2003, 11 soil borings were advanced to depths of approximately 16 to 20 feet bgs and three temporary piezometers installed. Groundwater flow direction was estimated to be west to northwest. Soil sample analytical results reported elevated concentrations of total extractable petroleum hydrocarbons (TEPH) and VOCs. TPH and dissolved metals were reported in grab groundwater samples. Between September 2003 to January 2004, remedial soil excavation activities were conducted to remove soil containing TEPH as hydraulic oil above 500 mg/kg. Approximatley 3,202 cubic yards of soil was excavated and disposed of off-site. In April 2005, site investigation activities were conducted to evaluate the effectiveness of the remedial soil excavation activities and included advancement of 15 soil borings primarily around the perimeter of the site and soil gas samples. In September 2008, nine soil borings (EB1 through EB9) were advanced at both on and off-site locations to further characterize the vertical and lateral extent of COCs in soil and groundwater. Soil samples were analyzed for TEPH as diesel-range and motor oil-range petroleum hydrocarbons and halogenated VOCs. The results of the investigation were provided in a Subsurface Investigation Report dated October 16, 2008. In February 2015, Madison Park Financial Corporation of Oakland met with ACDEH to discuss redevelopment of the site and submitted a Phase 1 ESA dated February 2, 2015 site conceptual Model dated February 16, 2015. In March 2015 soil and grab groundwater samples were collected by Madison Park without approval from ACDEH. A Phase II Environmental Site Assessment dated August 10, 2015 was subsequently submitted . In a Soil Remedial Action Work Plan dated September 3, 2015, the responsible party proposed excavation of soil in the southern portion of the site and on-site aeration of the contaminated soil. Tetrachloroethene (PCE) has been detected in soil in the southern portion of the site. During a public comment period on the proposed soil cleanup that was open until October 16, 2015, several comments objecting to the proposed action were received. The responsible party submitted a Soil Remedial Action Work Plan Amendment dated January 8, 2016 (see Site Documents) that revises the proposed action to include soil excavation and off-site disposal of the contaminated soil. On site aeration of soil is no longer part of the proposed action. A Fact Sheet describing the revised soil removal action was distributed

SAN CARLOS BEACH (Continued) **S103982407**

to stakeholders for a 30-day public participation period which ended May 3, 2016. No objections to the revised remedial approach were received. On December 8, 2016 ACDEH approved a work plan to collect additional data to refine the proposed remedial action at the site. The work was conducted in December 2016 and a meeting was held with ACDEH and the RP on February 9, 2017 to discuss the results of the investigation. Additional data is proposed to be collected in July 2017 to refine the proposed remedial action. The results of the December 2016 and July 2017 field investigations and a Human Health Risk Assessment will be incorporated into a revised RAP. On April 9, 2018, a followup stakeholders meeting was held between ACDEH and Madison Park Financial to discuss delays in the project schedule and develop a path forward for development. During this meeting ACDEH and the RP discussed the actions that would be implemented as part of remediation and mitigation as well as data gaps that remain pertaining to off-site exposure. A revised schedule was agreed upon during the meeting and ACDEH requested submittal of several documents, including a (1) a Corrective Action Plan; (2) Submittal of an updated project schedule; (3) Public Participation Fact Sheet; and (4) a Corrective Action Implementation Plan.

Click here to access the California GeoTracker records for this facility:

Alameda County CS:

Status: Pollution Characterization
Record Id: RO0002508
PE: 5502
Facility Status: Pollution Charaterization
Latitude: 37.823343459
Longitude: -122.28675408

Status: Pollution Characterization
Record Id: RO0002508
PE: 5502
Facility Status: Pollution Charaterization
Latitude: 37.823343459
Longitude: -122.28675408

Status: Pollution Characterization
Record Id: RO0002508
PE: 5502
Facility Status: Pollution Charaterization
Latitude: 37.823343459
Longitude: -122.28675408

Status: Pollution Characterization
Record Id: RO0002508
PE: 5502
Facility Status: Pollution Charaterization
Latitude: 37.823343459
Longitude: -122.28675408

Status: Pollution Characterization
Record Id: RO0002508
PE: 5502
Facility Status: Pollution Charaterization
Latitude: 37.823343459

DRAFT

SAN CARLOS BEACH (Continued) **S103982407**

Longitude: -122.28675408

Status: Pollution Characterization
Record Id: RO0003160
PE: 5502
Facility Status: Pollution Charaterization
Latitude: Not reported
Longitude: Not reported

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 3068

CERS TANKS:
Site ID: 241136
CERS ID: T06019741226
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

Z139 **BOYSEN PAINT** **HIST CORTESE** **S101306387**
NNE **1001 41ST** **N/A**
1/4-1/2 **EMERYVILLE, CA**
0.406 mi.
2143 ft. **Site 3 of 4 in cluster Z**

Relative: Higher
Actual: 56 ft.

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-0527

Y140 **4062 HOLLIS** **US BROWNFIELDS FINDS** **1016345521**
NW **4062 HOLLIS STREET** **N/A**
1/4-1/2 **EMERYVILLE, CA 94608**
0.408 mi.
2152 ft. **Site 4 of 5 in cluster Y**

Relative: Lower
Actual: 22 ft.

US BROWNFIELDS:
Property Name: 4062 HOLLIS
Recipient Name: Emeryville, City of
Grant Type: Assessment
Property Number: 049 0618 004 00
Parcel size: .78

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4062 HOLLIS (Continued) **1016345521**

Latitude:	37.83006
Longitude:	-122.28551
HCM Label:	Address Matching-House Number
Map Scale:	1:24,000
Point of Reference:	Center of a Facility or Station
Highlights:	Not reported
Datum:	World Geodetic System of 1984
Acres Property ID:	20221
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completition Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	26000
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 II Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	96947201
Start Date:	12/01/2005 00:00:00
Ownership Entity:	Government
Completion Date:	Not reported
Current Owner:	City of Emeryville
Did Owner Change:	Y
Cleanup Required:	Y
Video Available:	Not reported
Photo Available:	Y
Institutional Controls Required:	Not reported
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:	U
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:	Y
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Y
Lead cleaned up:	Not reported

DRAFT

4062 HOLLIS (Continued) **1016345521**

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:	Y
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:	.78
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

DRAFT

4062 HOLLIS (Continued) **1016345521**

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:	Metal stamping, storage
Below Poverty Number:	535
Below Poverty Percent:	13.8%
Meidan Income:	4307
Meidan Income Number:	1384
Meidan Income Percent:	35.6%
Vacant Housing Number:	218
Vacant Housing Percent:	10.0%
Unemployed Number:	293
Unemployed Percent:	7.5%

Property Name:	4062 HOLLIS
Recipient Name:	Emeryville, City of
Grant Type:	Assessment
Property Number:	049 0618 004 00
Parcel size:	.78
Latitude:	37.83006
Longitude:	-122.28551
HCM Label:	Address Matching-House Number
Map Scale:	1:24,000
Point of Reference:	Center of a Facility or Station
Highlights:	Not reported
Datum:	World Geodetic System of 1984
Acres Property ID:	20221
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completition Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	8000
Assessment Funding Source:	Local Funding
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 & Petroleum
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	96947201
Start Date:	12/01/2005 00:00:00
Ownership Entity:	Government
Completion Date:	Not reported
Current Owner:	City of Emeryville
Did Owner Change:	Y
Cleanup Required:	Y
Video Available:	Not reported

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4062 HOLLIS (Continued) **1016345521**

Photo Available:	Y
Institutional Controls Required:	Not reported
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:	U
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:	Y
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	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:	Y
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:	.78
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

DRAFT

4062 HOLLIS (Continued) **1016345521**

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:	Metal stamping, storage
Below Poverty Number:	535
Below Poverty Percent:	13.8%
Meidan Income:	4307
Meidan Income Number:	1384
Meidan Income Percent:	35.6%
Vacant Housing Number:	218
Vacant Housing Percent:	10.0%
Unemployed Number:	293
Unemployed Percent:	7.5%

Property Name:	4062 HOLLIS
Recipient Name:	Emeryville, City of
Grant Type:	Cleanup
Property Number:	049 0618 004 00
Parcel size:	.78
Latitude:	37.83006
Longitude:	-122.28551
HCM Label:	Address Matching-House Number
Map Scale:	1:24,000
Point of Reference:	Center of a Facility or Station
Highlights:	Not reported
Datum:	World Geodetic System of 1984
Acres Property ID:	20221
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completition Date:	Not reported

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4062 HOLLIS (Continued) **1016345521**

Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	80000
Assessment Funding Source:	Other Federal 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 Brownfield Assessment Grant
Cleanup Funding Entity:	Not reported
Grant Type:	Hazardous & Petroleum
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	00942801
Start Date:	12/01/2005 00:00:00
Ownership Entity:	Government
Completion Date:	01/01/2008 00:00:00
Current Owner:	City of Emeryville
Did Owner Change:	Y
Cleanup Required:	Y
Video Available:	Not reported
Photo Available:	Y
Institutional Controls Required:	Not reported
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:	U
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:	Y
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	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:	Y
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported

DRAFT

4062 HOLLIS (Continued) **1016345521**

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:	.78
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:	Metal stamping, storage
Below Poverty Number:	535
Below Poverty Percent:	13.8%
Meidan Income:	4307

DRAFT

4062 HOLLIS (Continued) **1016345521**

Meidan Income Number:	1384
Meidan Income Percent:	35.6%
Vacant Housing Number:	218
Vacant Housing Percent:	10.0%
Unemployed Number:	293
Unemployed Percent:	7.5%

Property Name:	4062 HOLLIS
Recipient Name:	Emeryville, City of
Grant Type:	Assessment
Property Number:	049 0618 004 00
Parcel size:	.78
Latitude:	37.83006
Longitude:	-122.28551
HCM Label:	Address Matching-House Number
Map Scale:	1:24,000
Point of Reference:	Center of a Facility or Station
Highlights:	Not reported
Datum:	World Geodetic System of 1984
Acres Property ID:	20221
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completition Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	66400
Assessment Funding Source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	Not reported
Cleanup Funding Entity:	Not reported
Grant Type:	Hazardous & Petroleum
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	0
Cooperative Agreement Number:	96947201
Start Date:	12/01/2005 00:00:00
Ownership Entity:	Government
Completion Date:	Not reported
Current Owner:	City of Emeryville
Did Owner Change:	Y
Cleanup Required:	Y
Video Available:	Not reported
Photo Available:	Y
Institutional Controls Required:	Not reported
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:	U
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported

DRAFT

4062 HOLLIS (Continued) **1016345521**

Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Y
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	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:	Y
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:	.78
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

DRAFT

4062 HOLLIS (Continued) **1016345521**

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:	Metal stamping, storage
Below Poverty Number:	535
Below Poverty Percent:	13.8%
Meidan Income:	4307
Meidan Income Number:	1384
Meidan Income Percent:	35.6%
Vacant Housing Number:	218
Vacant Housing Percent:	10.0%
Unemployed Number:	293
Unemployed Percent:	7.5%

Property Name:	4062 HOLLIS
Recipient Name:	Emeryville, City of
Grant Type:	Assessment
Property Number:	049 0618 004 00
Parcel size:	.78
Latitude:	37.83006
Longitude:	-122.28551
HCM Label:	Address Matching-House Number
Map Scale:	1:24,000
Point of Reference:	Center of a Facility or Station
Highlights:	Not reported
Datum:	World Geodetic System of 1984
Acres Property ID:	20221
IC Data Access:	Not reported
Start Date:	Not reported
Redev Completition Date:	Not reported
Completed Date:	Not reported
Acres Cleaned Up:	Not reported
Cleanup Funding:	Not reported
Cleanup Funding Source:	Not reported
Assessment Funding:	1
Assessment Funding Source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment Funding:	Not reported
Redev. Funding Source:	Not reported
Redev. Funding Entity Name:	Not reported
Redevelopment Start Date:	Not reported
Assessment Funding Entity:	Not reported

DRAFT

4062 HOLLIS (Continued) **1016345521**

Cleanup Funding Entity:	Not reported
Grant Type:	Hazardous & Petroleum
Accomplishment Type:	Phase II Environmental Assessment
Accomplishment Count:	1
Cooperative Agreement Number:	96947201
Start Date:	03/06/2006 00:00:00
Ownership Entity:	Government
Completion Date:	03/06/2006 00:00:00
Current Owner:	City of Emeryville
Did Owner Change:	Y
Cleanup Required:	Y
Video Available:	Not reported
Photo Available:	Y
Institutional Controls Required:	Not reported
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:	U
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:	Y
Asbestos cleaned:	Not reported
Controled substance found:	Not reported
Controled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	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:	Y
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

DRAFT

4062 HOLLIS (Continued) **1016345521**

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:	.78
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:	Metal stamping, storage
Below Poverty Number:	535
Below Poverty Percent:	13.8%
Meidan Income:	4307
Meidan Income Number:	1384
Meidan Income Percent:	35.6%
Vacant Housing Number:	218
Vacant Housing Percent:	10.0%
Unemployed Number:	293
Unemployed Percent:	7.5%

FINDS:

Registry ID: 110038695855

DRAFT

4062 HOLLIS (Continued) **1016345521**

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.

Z141 NNE 1/4-1/2 0.411 mi. 2169 ft. | **OAKLAND NATIONAL ENGRAVES UNKNOWN 41ST AVE & ADELINE ST OAKLAND, CA 94601** | **CPS-SLIC CERS** | **S106162905 N/A**

Site 4 of 4 in cluster Z

Relative: Higher

Actual: 52 ft.

CPS-SLIC:

Region:	STATE
Facility Status:	**Open - Inactive**
Status Date:	06/05/2009
Global Id:	T0600191527
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number:	Not reported
Latitude:	37.8324
Longitude:	-122.2778
Case Type:	Cleanup Program Site
Case Worker:	CSF
Local Agency:	Not reported
RB Case Number:	01S0332
File Location:	Not reported
Potential Media Affected:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Other Chlorinated Hydrocarbons
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

SLIC REG 2:

Region:	2
Facility ID:	01S0332
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:	1/1/1991
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

CERS TANKS:

Site ID:	203781
CERS ID:	T0600191527
CERS Description:	Cleanup Program Site

DRAFT

OAKLAND NATIONAL ENGRAVES (Continued) **S106162905**

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
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	5106222343

AC142 **GEROW PROPERTIES** **LUST** **S102430755**
NW **1255 PARK** **Alameda County CS** **N/A**
1/4-1/2 **EMERYVILLE, CA 94608** **HIST CORTESE**
0.416 mi. **CERS**
2198 ft. **Site 1 of 4 in cluster AC**

Relative:
Lower

Actual:
28 ft.

LUST:

Lead Agency:	ALAMEDA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101968
Global Id:	T0600101968
Latitude:	37.83109
Longitude:	-122.284084
Status:	Completed - Case Closed
Status Date:	05/03/1996
Case Worker:	Not reported
RB Case Number:	01-2142
Local Agency:	Not reported
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	RO0000817
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

LUST:

Global Id:	T0600101968
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:	T0600101968
Action Type:	Other
Date:	11/15/1995
Action:	Leak Reported
Global Id:	T0600101968
Action Type:	REMEDIATION
Date:	11/14/1996
Action:	Excavation

DRAFT

GEROW PROPERTIES (Continued) **S102430755**

LUST:
Global Id: T0600101968
Status: Open - Case Begin Date
Status Date: 11/15/1995

Global Id: T0600101968
Status: Completed - Case Closed
Status Date: 05/03/1996

LUST REG 2:
Region: 2
Facility Id: 01-2142
Facility Status: Case Closed
Case Number: 5510
How Discovered: Tank Closure
Leak Cause: Corrosion
Leak Source: Tank
Date Leak Confirmed: 4/30/1996
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

Alameda County CS:
Status: Case Closed
Record Id: RO0000817
PE: 5602
Facility Status: Case Closed
Latitude: 37.831470818
Longitude: -122.28373035

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-2142

CERS TANKS:
Site ID: 211868
CERS ID: T0600101968
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

DRAFT

GEROW PROPERTIES (Continued) **S102430755**

Affiliation Phone: Not reported

AD143 **ARCO #04931** **LUST** **U001599384**
East **731 W MACARTHUR BLVD** **Alameda County CS** **N/A**
1/4-1/2 **OAKLAND, CA 94609** **SWEEPS UST**
0.417 mi. **HIST UST**
2203 ft. **Site 1 of 2 in cluster AD** **CERS**

Relative:
Higher

Actual:
60 ft.

LUST:

Lead Agency:	ALAMEDA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100110
Global Id:	T0600100110
Latitude:	37.827139963
Longitude:	-122.271487404
Status:	Open - Site Assessment
Status Date:	10/10/2013
Case Worker:	MD
RB Case Number:	01-0118
Local Agency:	ALAMEDA COUNTY LOP
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	RO0000076
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	The site is an active Beacon-branded gasoline station. In December 1987, Pacific Environmental Group (PEG) installed four monitoring wells (A-9 through A-12) at the site. Monitoring wells A-1 through A-8 appear to have been installed previously by another consultant. Monitoring well construction details and reports for those wells were not found in our case file. Between November 1991 and April 1992, four single-walled underground storage tanks consisting of one 12,000-gallon fiberglass UST, two 8,000-gallon steel USTs and one 6,000-gallon steel UST) and associated product piping were removed from the site. TPH-g and benzene were detected at concentrations up to 430 mg/kg and 24 mg/kg, respectively, in soil sample SW12 collected at 12 feet bgs. Following UST pit over-excavation, ROUX stated that maximum residual TPH-g and benzene concentrations remaining in the UST cavity were detected at 250 mg/kg and 2.7 mg/kg, respectively. Following over-excavation of the product piping, maximum residual TPH-g and benzene concentrations remaining in the piping trenches were detected 400 mg/kg and 2.6 mg/kg, respectively, detected in sample L12 collected at 7.5 ft bgs. In January 1992, GeoStrategies, Inc. (GSI) installed one vapor extraction well to conduct a vapor extraction test. GSI concluded that vapor extraction did not create significant pressure influence at the closest vapor monitoring point location four feet from the vapor extraction point and subsequently vapor extraction was not considered a viable or feasible remediation option for the site. In November 1992, three recovery wells (AR-1 through AR-3) were installed at the site to facilitate groundwater extraction and abate free product detected in monitoring wells A-4 and A-8. The groundwater extraction system operated from 1992 to 1996.

LUST:

Global Id:	T0600100110
Contact Type:	Local Agency Caseworker
Contact Name:	MARK DETTERMAN

DRAFT

ARCO #04931 (Continued) **U001599384**

Organization Name: ALAMEDA COUNTY LOP
Address: 1131 HARBOR BAY PARKWAY
City: ALAMEDA
Email: mark.detterman@acgov.org
Phone Number: 5105676876

Global Id: T0600100110
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: T0600100110
Action Type: ENFORCEMENT
Date: 09/01/2011
Action: Staff Letter - #20110901

Global Id: T0600100110
Action Type: ENFORCEMENT
Date: 04/03/2012
Action: Staff Letter - #20120403

Global Id: T0600100110
Action Type: ENFORCEMENT
Date: 07/10/2009
Action: Staff Letter - #20090710

Global Id: T0600100110
Action Type: ENFORCEMENT
Date: 09/30/2014
Action: Staff Letter - #20140930

Global Id: T0600100110
Action Type: ENFORCEMENT
Date: 03/20/2014
Action: Technical Correspondence / Assistance / Other - #20140320

Global Id: T0600100110
Action Type: ENFORCEMENT
Date: 06/24/2014
Action: Notice of Responsibility - #20140624

Global Id: T0600100110
Action Type: RESPONSE
Date: 12/31/2015
Action: Correspondence

Global Id: T0600100110
Action Type: ENFORCEMENT
Date: 04/09/1992
Action: Notice of Responsibility - #19920409

Global Id: T0600100110

DRAFT

ARCO #04931 (Continued) **U001599384**

Action Type: ENFORCEMENT
Date: 09/10/1991
Action: Technical Correspondence / Assistance / Other - #19910910

Global Id: T0600100110
Action Type: ENFORCEMENT
Date: 09/14/2012
Action: Meeting - #20120914

Global Id: T0600100110
Action Type: ENFORCEMENT
Date: 01/06/2011
Action: Staff Letter - #20110106

Global Id: T0600100110
Action Type: ENFORCEMENT
Date: 11/20/2015
Action: Staff Letter - #20151120

Global Id: T0600100110
Action Type: ENFORCEMENT
Date: 07/09/2009
Action: Technical Correspondence / Assistance / Other - #20090709

Global Id: T0600100110
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Staff Letter - #20090724

Global Id: T0600100110
Action Type: ENFORCEMENT
Date: 08/23/2012
Action: Technical Correspondence / Assistance / Other - #20120823

Global Id: T0600100110
Action Type: ENFORCEMENT
Date: 09/30/2011
Action: Technical Correspondence / Assistance / Other - #20110930

Global Id: T0600100110
Action Type: RESPONSE
Date: 11/04/2011
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0600100110
Action Type: ENFORCEMENT
Date: 08/29/2012
Action: Meeting - #20120829

Global Id: T0600100110
Action Type: ENFORCEMENT
Date: 08/23/2012
Action: Meeting - #20120823

Global Id: T0600100110
Action Type: ENFORCEMENT
Date: 08/29/2012

DRAFT

ARCO #04931 (Continued) **U001599384**

Action: Meeting - #20120829

Global Id: T0600100110
Action Type: ENFORCEMENT
Date: 09/06/2012
Action: Meeting - #20120906

Global Id: T0600100110
Action Type: ENFORCEMENT
Date: 04/10/2012
Action: Staff Letter - #20120410

Global Id: T0600100110
Action Type: Other
Date: 03/13/1983
Action: Leak Discovery

Global Id: T0600100110
Action Type: ENFORCEMENT
Date: 03/02/2017
Action: Staff Letter

Global Id: T0600100110
Action Type: ENFORCEMENT
Date: 05/10/2016
Action: Staff Letter - #20160510

Global Id: T0600100110
Action Type: RESPONSE
Date: 06/26/2015
Action: Request for Closure - Regulator Responded

Global Id: T0600100110
Action Type: RESPONSE
Date: 10/01/2015
Action: Request for Closure - Regulator Responded

Global Id: T0600100110
Action Type: RESPONSE
Date: 12/16/2016
Action: Soil Vapor Intrusion Investigation Report

Global Id: T0600100110
Action Type: ENFORCEMENT
Date: 04/18/2012
Action: Staff Letter - #20120418

Global Id: T0600100110
Action Type: ENFORCEMENT
Date: 05/15/2009
Action: Staff Letter - #20090515

Global Id: T0600100110
Action Type: ENFORCEMENT
Date: 09/03/2010
Action: Technical Correspondence / Assistance / Other - #20100903

DRAFT

ARCO #04931 (Continued) **U001599384**

Global Id: T0600100110
Action Type: ENFORCEMENT
Date: 07/05/2017
Action: Staff Letter

Global Id: T0600100110
Action Type: Other
Date: 10/07/1987
Action: Leak Reported

Global Id: T0600100110
Action Type: RESPONSE
Date: 08/02/2016
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0600100110
Action Type: RESPONSE
Date: 11/11/2010
Action: Site Assessment Report - Regulator Responded

Global Id: T0600100110
Action Type: RESPONSE
Date: 10/12/2015
Action: Soil Vapor Intrusion Investigation Workplan

Global Id: T0600100110
Action Type: RESPONSE
Date: 10/31/2016
Action: Monitoring Report - Annually

Global Id: T0600100110
Action Type: RESPONSE
Date: 07/01/2013
Action: Request for Closure - Regulator Responded

Global Id: T0600100110
Action Type: RESPONSE
Date: 10/31/2014
Action: Monitoring Report - Semi-Annually

Global Id: T0600100110
Action Type: ENFORCEMENT
Date: 09/14/2012
Action: Meeting - #20120914

Global Id: T0600100110
Action Type: ENFORCEMENT
Date: 09/10/2012
Action: Meeting - #20120910

Global Id: T0600100110
Action Type: RESPONSE
Date: 09/15/2017
Action: Soil Vapor Intrusion Investigation Report

Global Id: T0600100110
Action Type: RESPONSE

DRAFT

ARCO #04931 (Continued) **U001599384**

Date: 12/22/2014
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0600100110
Action Type: ENFORCEMENT
Date: 07/09/2009
Action: Staff Letter - #20090709

Global Id: T0600100110
Action Type: ENFORCEMENT
Date: 04/18/2012
Action: Staff Letter - #20120418

Global Id: T0600100110
Action Type: ENFORCEMENT
Date: 07/15/2009
Action: Meeting - #20090715

Global Id: T0600100110
Action Type: RESPONSE
Date: 10/30/2009
Action: Monitoring Report - Semi-Annually

Global Id: T0600100110
Action Type: RESPONSE
Date: 07/29/2016
Action: Soil Vapor Intrusion Investigation Workplan - Regulator Responded

Global Id: T0600100110
Action Type: RESPONSE
Date: 12/11/2015
Action: Request for Closure - Regulator Responded

Global Id: T0600100110
Action Type: RESPONSE
Date: 05/12/2017
Action: Soil Vapor Intrusion Investigation Workplan - Regulator Responded

Global Id: T0600100110
Action Type: RESPONSE
Date: 06/03/2009
Action: Correspondence

Global Id: T0600100110
Action Type: RESPONSE
Date: 06/26/2009
Action: Correspondence

Global Id: T0600100110
Action Type: ENFORCEMENT
Date: 05/12/2011
Action: Staff Letter - #20110512

Global Id: T0600100110
Action Type: ENFORCEMENT
Date: 08/12/2010
Action: Staff Letter - #20100812

DRAFT

ARCO #04931 (Continued) **U001599384**

Global Id: T0600100110
Action Type: ENFORCEMENT
Date: 07/28/2014
Action: Notification - Public Notice of Case Closure

Global Id: T0600100110
Action Type: ENFORCEMENT
Date: 08/23/2012
Action: Technical Correspondence / Assistance / Other - #20120823

Global Id: T0600100110
Action Type: ENFORCEMENT
Date: 10/13/2014
Action: Staff Letter - #20141013

Global Id: T0600100110
Action Type: RESPONSE
Date: 12/31/2011
Action: Soil and Water Investigation Report

Global Id: T0600100110
Action Type: RESPONSE
Date: 07/14/2009
Action: Soil and Water Investigation Workplan

Global Id: T0600100110
Action Type: RESPONSE
Date: 10/27/2017
Action: Monitoring Report - Annually

Global Id: T0600100110
Action Type: RESPONSE
Date: 05/21/2018
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0600100110
Action Type: ENFORCEMENT
Date: 02/11/2015
Action: Staff Letter - #20150211

Global Id: T0600100110
Action Type: ENFORCEMENT
Date: 08/19/2015
Action: Staff Letter - #20150819

Global Id: T0600100110
Action Type: ENFORCEMENT
Date: 12/17/2014
Action: File review

Global Id: T0600100110
Action Type: ENFORCEMENT
Date: 09/08/2016
Action: Staff Letter - #20160908

Global Id: T0600100110
Action Type: RESPONSE

DRAFT

ARCO #04931 (Continued) **U001599384**

Date: 08/24/2009
Action: Correspondence

Global Id: T0600100110
Action Type: RESPONSE
Date: 09/18/2009
Action: Correspondence

Global Id: T0600100110
Action Type: RESPONSE
Date: 04/17/2015
Action: Monitoring Report - Semi-Annually

Global Id: T0600100110
Action Type: ENFORCEMENT
Date: 06/14/1996
Action: Technical Correspondence / Assistance / Other - #19960614

Global Id: T0600100110
Action Type: ENFORCEMENT
Date: 05/04/2012
Action: Staff Letter - #20120504

Global Id: T0600100110
Action Type: ENFORCEMENT
Date: 05/15/2009
Action: Staff Letter - #20090515

Global Id: T0600100110
Action Type: ENFORCEMENT
Date: 09/28/2012
Action: Meeting - #20120928

Global Id: T0600100110
Action Type: RESPONSE
Date: 03/07/2011
Action: Soil and Water Investigation Report

LUST:
Global Id: T0600100110
Status: Open - Case Begin Date
Status Date: 03/13/1983

Global Id: T0600100110
Status: Open - Site Assessment
Status Date: 10/07/1987

Global Id: T0600100110
Status: Open - Site Assessment
Status Date: 01/20/1988

Global Id: T0600100110
Status: Open - Remediation
Status Date: 03/31/1992

Global Id: T0600100110
Status: Open - Verification Monitoring

DRAFT

ARCO #04931 (Continued) **U001599384**

Status Date: 12/10/2004

Global Id: T0600100110
Status: Open - Remediation
Status Date: 02/17/2011

Global Id: T0600100110
Status: Open - Site Assessment
Status Date: 10/10/2013

Alameda County CS:

Status: Verificaiton Monitoring Underway
Record Id: RO0000076
PE: 5602
Facility Status: Verification Monitoring Underway
Latitude: 37.827254761
Longitude: -122.27050406

Status: Verificaiton Monitoring Underway
Record Id: RO0000076
PE: 5602
Facility Status: Verification Monitoring Underway
Latitude: 37.827254761
Longitude: -122.27050406

Status: Verificaiton Monitoring Underway
Record Id: RO0000076
PE: 5602
Facility Status: Verification Monitoring Underway
Latitude: 37.827254761
Longitude: -122.27050406

Status: Verificaiton Monitoring Underway
Record Id: RO0000076
PE: 5602
Facility Status: Verification Monitoring Underway
Latitude: 37.827254761
Longitude: -122.27050406

Status: Verificaiton Monitoring Underway
Record Id: RO0000076
PE: 5602
Facility Status: Verification Monitoring Underway
Latitude: 37.827254761
Longitude: -122.27050406

SWEEPS UST:

Status: Active
Comp Number: 27056
Number: 1
Board Of Equalization: Not reported
Referral Date: 05-20-92
Action Date: 05-20-92
Created Date: 02-29-88
Owner Tank Id: 1-UNL-R

DRAFT

ARCO #04931 (Continued) **U001599384**

SWRCB Tank Id: 01-000-027056-000001
Tank Status: A
Capacity: 10000
Active Date: 05-20-92
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 4

Status: Active
Comp Number: 27056
Number: 1
Board Of Equalization: Not reported
Referral Date: 05-20-92
Action Date: 05-20-92
Created Date: 02-29-88
Owner Tank Id: 2-UNL-R
SWRCB Tank Id: 01-000-027056-000002
Tank Status: A
Capacity: 10000
Active Date: 05-20-92
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 4

Status: Active
Comp Number: 27056
Number: 1
Board Of Equalization: Not reported
Referral Date: 05-20-92
Action Date: 05-20-92
Created Date: 02-29-88
Owner Tank Id: 3-UNL-R
SWRCB Tank Id: 01-000-027056-000003
Tank Status: A
Capacity: 10000
Active Date: 05-20-92
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 27056
Number: 1
Board Of Equalization: Not reported
Referral Date: 05-20-92
Action Date: 05-20-92
Created Date: 02-29-88
Owner Tank Id: 4-UNL-P
SWRCB Tank Id: 01-000-027056-000004
Tank Status: A
Capacity: 10000
Active Date: 05-20-92
Tank Use: M.V. FUEL
STG: P

DRAFT

ARCO #04931 (Continued) **U001599384**

Content: REG UNLEADED
Number Of Tanks: Not reported

HIST UST:

File Number:	00035D36
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00035D36.pdf
Region:	STATE
Facility ID:	00000027056
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	0000000000
Owner Name:	ARCO PETROLEUM PRODUCTS CO.
Owner Address:	515 SOUTH FLOWER STREET
Owner City,St,Zip:	LOS ANGELES, CA 90071
Total Tanks:	0004
Tank Num:	001
Container Num:	0000000001
Year Installed:	1979
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, 10
Tank Num:	002
Container Num:	0000000002
Year Installed:	1979
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, 10
Tank Num:	003
Container Num:	0000000003
Year Installed:	1970
Tank Capacity:	00006000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, 10
Tank Num:	004
Container Num:	0000000004
Year Installed:	1983
Tank Capacity:	00012000
Tank Used for:	PRODUCT
Type of Fuel:	06
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor, 10

Click here for Geo Tracker PDF:

CERS TANKS:

DRAFT

ARCO #04931 (Continued) **U001599384**

Site ID: 209625
CERS ID: T0600100110
CERS Description: Leaking Underground Storage Tank Cleanup 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

AE144 **CALTECH METAL FINISHERS** **SEMS** **1000133512**
SE **841 31ST STREET** **RCRA-LQG** **CAD040014342**
1/4-1/2 **OAKLAND, CA 94608** **ENVIROSTOR**
0.418 mi. **PRP**
2208 ft. **Site 1 of 2 in cluster AE** **ICIS**
FINDS
Relative: **ECHO**
Higher **EMI**
WDS
Actual:
35 ft.

SEMS:
Site ID: 905868
EPA ID: CAD040014342
Cong District: Not reported
FIPS Code: 6001
Latitude: Not reported
Longitude: Not reported
FF: N
NPL: Not on the NPL
Non NPL Status: Removal Only Site (No Site Assessment Work Needed)

SEMS Detail:
Region: 9
Site ID: 905868
EPA ID: CAD040014342
Site Name: CAL TECH METAL FINISHERS INC
NPL: N
FF: N
OU: 0
Action Code: RS
Action Name: RV ASSESS
SEQ: 1
Start Date: 2001-04-26 00:00:00

DRAFT

CALTECH METAL FINISHERS (Continued) **1000133512**

Finish Date:	4/26/2001
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse
Region:	9
Site ID:	905868
EPA ID:	CAD040014342
Site Name:	CAL TECH METAL FINISHERS INC
NPL:	N
FF:	N
OU:	0
Action Code:	RV
Action Name:	RMVL
SEQ:	1
Start Date:	2001-07-23 00:00:00
Finish Date:	12/7/2001
Qual:	C
Current Action Lead:	EPA Perf
Region:	9
Site ID:	905868
EPA ID:	CAD040014342
Site Name:	CAL TECH METAL FINISHERS INC
NPL:	N
FF:	N
OU:	0
Action Code:	AR
Action Name:	ADMIN REC
SEQ:	1
Start Date:	Not reported
Finish Date:	7/16/2001
Qual:	V
Current Action Lead:	EPA Perf

RCRA-LQG:

Date form received by agency:	03/02/2010
Facility name:	CALTECH METAL FINISHERS
Facility address:	841 31ST STREET OAKLAND, CA 94608
EPA ID:	CAD040014342
Mailing address:	HEINZ AVENUE BERKELEY, CA 94710
Contact:	JAYANTHA RANDENI
Contact address:	HEINZ AVENUE BERKELEY, CA 94710
Contact country:	US
Contact telephone:	510-540-3806
Contact email:	JRANDENI@DTCS.CA.GOV
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

DRAFT

CALTECH METAL FINISHERS (Continued) **1000133512**

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:	PAS DEVELOPMENT LLC
Owner/operator address:	W AMERICAN CANYON AMERICAN CANYON, CA 94503
Owner/operator country:	Not reported
Owner/operator telephone:	707-649-5080
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:	05/01/2007
Owner/Op end date:	Not reported

Owner/operator name:	DTSC
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:	State
Owner/Operator Type:	Operator
Owner/Op start date:	06/06/2006
Owner/Op end date:	Not reported

Owner/operator name:	R CROSS, R WICKMAN
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

DRAFT

CALTECH METAL FINISHERS (Continued) **1000133512**

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

. Waste code: 181
. Waste name: Other inorganic solid waste

. Waste code: 291
. Waste name: Latex waste

. Waste code: 331
. Waste name: Off-specification, aged, or surplus organics

. Waste code: 551
. Waste name: Laboratory waste chemicals

. 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: 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 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.

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

. Waste code: D010

DRAFT

CALTECH METAL FINISHERS (Continued) **1000133512**

. Waste name: SELENIUM

. Waste code: D040
. Waste name: TRICHLOROETHYLENE

Historical Generators:
Date form received by agency: 05/19/2009
Site name: CALTECH METAL FINISHERS
Classification: Large Quantity Generator

. 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.

Date form received by agency: 04/30/2009
Site name: CALTECH METAL FINISHERS
Classification: Large Quantity Generator

. 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.

Date form received by agency: 10/12/2000
Site name: CAL - TECH METAL FINISHING, INC.
Classification: Large Quantity Generator

Date form received by agency: 05/14/1986
Site name: CAL TECH METAL FINISHERS INC
Classification: Small Quantity Generator

Violation Status: No violations found

ENVIROSTOR:
Facility ID: 71002363
Status: Refer: Other Agency
Status Date: 10/05/2011
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: 0.64
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Karen Toth

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CALTECH METAL FINISHERS (Continued) **1000133512**

Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.82087
Longitude: -122.2745
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD040014342
Alias Type: EPA Identification Number
Alias Name: 110001133489
Alias Type: EPA (FRS #)
Alias Name: 01340118
Alias Type: Envirostor ID Number
Alias Name: 71002363
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 06/01/1998
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

PRP:
PRP name: CAL TECH METAL FINISHERS INC
DONALD DEAN
DONALD DEAN
JAMES PARKS

ICIS:
Enforcement Action ID: 09-2005-0004
FRS ID: 110001133489
Action Name: Cal Tech Metal Finishers
Facility Name: CAL TECH METAL FINISHING INCORPORATED
Facility Address: 841 31ST STREET
OAKLAND, CA 94608
Enforcement Action Type: CERCLA 122h Agrmt For Cost Recovery
Facility County: ALAMEDA
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal

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CALTECH METAL FINISHERS (Continued) **1000133512**

EA Type Code:	122H
Facility SIC Code:	3471
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.821367
Longitude in Decimal Degrees:	-122.275696
Permit Type Desc:	Not reported
Program System Acronym:	29014
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Enforcement Action ID:	09-2001-0150
FRS ID:	110001133489
Action Name:	CAL TECH METAL FINISHERS
Facility Name:	CAL TECH METAL FINISHING INCORPORATED
Facility Address:	841 31ST STREET OAKLAND, CA 94608
Enforcement Action Type:	CERCLA 106 AO For Resp Action/Imm Haz
Facility County:	ALAMEDA
Program System Acronym:	ICIS
Enforcement Action Forum Desc:	Administrative - Formal
EA Type Code:	106
Facility SIC Code:	3471
Federal Facility ID:	Not reported
Latitude in Decimal Degrees:	37.821367
Longitude in Decimal Degrees:	-122.275696
Permit Type Desc:	Not reported
Program System Acronym:	29014
Facility NAICS Code:	Not reported
Tribal Land Code:	Not reported

Facility Name:	CAL-TECH METAL FINISHING INC
Address:	841 31ST STREET
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	3471

Facility Name:	CAL-TECH METAL FINISHING INC
Address:	841 31ST STREET
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	3471

Facility Name:	CAL-TECH METAL FINISHING INC
Address:	841 31ST STREET
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported
SIC Code:	3471

Facility Name:	CAL-TECH METAL FINISHING INC
Address:	841 31ST STREET
Tribal Indicator:	N
Fed Facility:	No
NAIC Code:	Not reported

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CALTECH METAL FINISHERS (Continued) **1000133512**

SIC Code: 3471

Facility Name: CAL-TECH METAL FINISHING INC
Address: 841 31ST STREET
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3471

Facility Name: CAL-TECH METAL FINISHING INC
Address: 841 31ST STREET
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3471

Facility Name: CAL-TECH METAL FINISHING INC
Address: 841 31ST STREET
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3471

Facility Name: CAL-TECH METAL FINISHING INC
Address: 841 31ST STREET
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3471

Facility Name: CAL-TECH METAL FINISHING INC
Address: 841 31ST STREET
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3471

Facility Name: CAL-TECH METAL FINISHING INC
Address: 841 31ST STREET
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3471

Facility Name: CAL-TECH METAL FINISHING INC
Address: 841 31ST STREET
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3471

Facility Name: CAL-TECH METAL FINISHING INC
Address: 841 31ST STREET
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3471

DRAFT

CALTECH METAL FINISHERS (Continued) **1000133512**

Facility Name: CAL-TECH METAL FINISHING INC
Address: 841 31ST STREET
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3471

Facility Name: CAL-TECH METAL FINISHING INC
Address: 841 31ST STREET
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3471

Facility Name: CAL-TECH METAL FINISHING INC
Address: 841 31ST STREET
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3471

Facility Name: CAL-TECH METAL FINISHING INC
Address: 841 31ST STREET
Tribal Indicator: N
Fed Facility: No
NAIC Code: Not reported
SIC Code: 3471

FINDS:

Registry ID: 110001133489

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; and School sites.

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

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

RISK AND TECHNOLOGY REVIEW

HAZARDOUS AIR POLLUTANT MAJOR

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CALTECH METAL FINISHERS (Continued) **1000133512**

HAZARDOUS WASTE BIENNIAL REPORTER

SUPERFUND (NON-NPL)

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

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

ECHO:

Envid:	1000133512
Registry ID:	110001133489
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110001133489

EMI:

Year:	1987
County Code:	1
Air Basin:	SF
Facility ID:	2362
Air District Name:	BA
SIC Code:	3559
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:	3
Reactive Organic Gases Tons/Yr:	3
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1990
County Code:	1
Air Basin:	SF
Facility ID:	2362
Air District Name:	BA
SIC Code:	3559
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:	3

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CALTECH METAL FINISHERS (Continued) **1000133512**

Reactive Organic Gases Tons/Yr:	3
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1993
County Code:	1
Air Basin:	SF
Facility ID:	2362
Air District Name:	BA
SIC Code:	3559
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
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1995
County Code:	1
Air Basin:	SF
Facility ID:	2362
Air District Name:	BA
SIC Code:	3559
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
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1996
County Code:	1
Air Basin:	SF
Facility ID:	2362
Air District Name:	BA
SIC Code:	3559
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
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

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CALTECH METAL FINISHERS (Continued) **1000133512**

Year:	1997
County Code:	1
Air Basin:	SF
Facility ID:	2362
Air District Name:	BA
SIC Code:	3559
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
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1998
County Code:	1
Air Basin:	SF
Facility ID:	2362
Air District Name:	BA
SIC Code:	3559
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
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1999
County Code:	1
Air Basin:	SF
Facility ID:	2362
Air District Name:	BA
SIC Code:	5039
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 Smllr Tons/Yr:	0

Year:	2000
County Code:	1
Air Basin:	SF
Facility ID:	2362
Air District Name:	BA
SIC Code:	5039

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CALTECH METAL FINISHERS (Continued) **1000133512**

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 Smllr Tons/Yr:	0

WDS:

Facility ID:	San Francisco Bay 01I003892
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:	5106535054
Facility Contact:	SUNG JIN HUH
Agency Name:	CALTECH METAL FINISHERS
Agency Address:	841 31st St
Agency City,St,Zip:	Oakland 946084398
Agency Contact:	SUNG JIN HUH
Agency Telephone:	5106535054
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.

DRAFT

AF145 SW 1/4-1/2 0.421 mi. 2223 ft. — **GIAMPOLINI & COMPANY**, **2847 PERALTA ST**, **OAKLAND, CA 94608** — **Alameda County CS** — **S108752920** / **N/A**

Site 1 of 2 in cluster AF

Relative: Lower
Actual: 13 ft.

Alameda County CS:

Status:	11
Record Id:	RO0002832
PE:	5502
Facility Status:	Not reported
Latitude:	37.821789751
Longitude:	-122.28582743

AF146 SW 1/4-1/2 0.421 mi. 2223 ft. — **PERALTA ST LLC**, **2847 PERALTA ST**, **OAKLAND, CA 94608** — **ENVIROSTOR**, **VCP**, **HAZNET**, **NPDES** — **S112953979** / **N/A**

Site 2 of 2 in cluster AF

Relative: Lower
Actual: 13 ft.

ENVIROSTOR:

Facility ID:	1750038
Status:	No Further Action
Status Date:	04/15/2014
Site Code:	201609
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	1.8
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:	CLRRA Liability Immunity (AB 389)
Restricted Use:	YES
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	37.82201
Longitude:	-122.2858
APN:	007-0589-016, 007-0589-017, 007-0589-018-02, 007-0589-018-3, 007-0589-023, 7-589-18-2
Past Use:	PAINT MANUFACTURING, RECYCLING - OTHER
Potential COC:	Benzene Lead Methane Methyl tertbutyl ether (MTBE Polychlorinated biphenyls (PCBs Polynuclear aromatic hydrocarbons (PAHs TPH-diesel TPH-gas
Confirmed COC:	Polychlorinated biphenyls (PCBs Polynuclear aromatic hydrocarbons (PAHs TPH-diesel TPH-gas Benzene Lead Methane Methyl tertbutyl ether (MTBE
Potential Description:	OTH, 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

DRAFT

PERALTA ST LLC (Continued) **S112953979**

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: 1750038
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 1.8
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Tom Price
Supervisor: Karen Toth
Division Branch: Cleanup Berkeley
Site Code: 201609
Assembly: 18
Senate: 09
Special Programs Code: CLRRA Liability Immunity (AB 389)
Status: No Further Action
Status Date: 04/15/2014
Restricted Use: YES
Funding: Responsible Party
Lat/Long: 37.82201 / -122.2858
APN: 007-0589-016, 007-0589-017, 007-0589-018-02, 007-0589-018-3, 007-0589-023, 7-589-18-2
Past Use: PAINT MANUFACTURING, RECYCLING - OTHER
Potential COC: 30003, 30013, 30015, 30016, 30018, 30019, 30024, 30025
Confirmed COC: 30018,30019,30024,30025,30003,30013,30015,30016
Potential Description: OTH, 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

DRAFT

PERALTA ST LLC (Continued) **S112953979**

Schedule Due Date: Not reported
Schedule Revised Date: Not reported

HAZNET:

envid: S112953979
Year: 2006
GEPAID: CAC002604404
Contact: MARK ROVETTO
Telephone: 4159026799
Mailing Name: Not reported
Mailing Address: 501 2ND ST STE 212
Mailing City,St,Zip: SAN FRANCISCO, CA 941074130
Gen County: Not reported
TSD EPA ID: CAD980887418
TSD County: Not reported
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: 0.1
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

envid: S112953979
Year: 2006
GEPAID: CAC002604404
Contact: MARK ROVETTO
Telephone: 4159026799
Mailing Name: Not reported
Mailing Address: 501 2ND ST STE 212
Mailing City,St,Zip: SAN FRANCISCO, CA 941074130
Gen County: Not reported
TSD EPA ID: CAD980887418
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.12
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

envid: S112953979
Year: 2006
GEPAID: CAC002604404
Contact: MARK ROVETTO
Telephone: 4159026799
Mailing Name: Not reported
Mailing Address: 501 2ND ST STE 212
Mailing City,St,Zip: SAN FRANCISCO, CA 941074130
Gen County: Not reported
TSD EPA ID: CAD059494310
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Transfer Station
Tons: 12.09
Cat Decode: Not reported

DRAFT

PERALTA ST LLC (Continued) **S112953979**

Method Decode: Not reported
Facility County: Alameda

envid: S112953979
Year: 2006
GEPAID: CAC002604404
Contact: MARK ROVETTO
Telephone: 4159026799
Mailing Name: Not reported
Mailing Address: 501 2ND ST STE 212
Mailing City,St,Zip: SAN FRANCISCO, CA 941074130
Gen County: Not reported
TSD EPA ID: CAD059494310
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Transfer Station
Tons: 11.25
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

envid: S112953979
Year: 2006
GEPAID: CAC002604404
Contact: MARK ROVETTO
Telephone: 4159026799
Mailing Name: Not reported
Mailing Address: 501 2ND ST STE 212
Mailing City,St,Zip: SAN FRANCISCO, CA 941074130
Gen County: Not reported
TSD EPA ID: CAD059494310
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Transfer Station
Tons: 9.17
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

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

NPDES:
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 01W000998
Regulatory Measure Type: Construction
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported

DRAFT

PERALTA ST LLC (Continued) **S112953979**

Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Expired
Status Date:	11/01/2012
Operator Name:	Emerald Fund Inc
Operator Address:	532 Folsom Street
Operator City:	San Francisco
Operator State:	California
Operator Zip:	94105

AG147 **LINFORD AIR AND REFRIGERATION C** **LUST** **S100453834**
SW **2850 POPLAR** **Alameda County CS** **N/A**
1/4-1/2 **OAKLAND, CA 94608** **HIST UST**
0.421 mi. **HIST CORTESE**
2224 ft. **Site 1 of 3 in cluster AG** **Notify 65**
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=T0600100839
Global Id:	T0600100839
Latitude:	37.821373
Longitude:	-122.284802
Status:	Completed - Case Closed
Status Date:	12/08/1999
Case Worker:	Not reported
RB Case Number:	01-0913
Local Agency:	Not reported
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	RO0000902
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0600100839
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:	T0600100839
Action Type:	Other
Date:	07/28/1992
Action:	Leak Reported

Global Id:	T0600100839
Action Type:	REMEDIATION
Date:	09/09/9999
Action:	Excavation

DRAFT

LINFORD AIR AND REFRIGERATION C (Continued) **S100453834**

LUST:

Global Id:	T0600100839
Status:	Open - Case Begin Date
Status Date:	07/28/1992
Global Id:	T0600100839
Status:	Completed - Case Closed
Status Date:	12/08/1999

Alameda County CS:

Status:	Case Closed
Record Id:	RO0000902
PE:	5602
Facility Status:	Case Closed
Latitude:	37.821419811
Longitude:	-122.28505681

HIST UST:

File Number:	000360E6
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000360E6.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:	01-0913

NOTIFY 65:

Date Reported:	19920730
Staff Initials:	Not reported
Board File Number:	0LG921236
Facility Type:	Leak Rpt
Discharge Date:	Not reported

DRAFT

LINFORD AIR AND REFRIGERATION C (Continued) **S100453834**

Issue Date: Not reported
Incident Description: Not reported

Date Reported: 19920730
Staff Initials: Not reported
Board File Number: 0LG921236
Facility Type: Leak Rpt
Discharge Date: Not reported
Issue Date: Not reported
Incident Description: Not reported

CERS TANKS:
Site ID: 254729
CERS ID: T0600100839
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

AG148 **LINFORD AIR & REFRIGERATION** **LUST** **S101624438**
SW **2850 POPLAR ST** **SWEEPS UST** **N/A**
1/4-1/2 **OAKLAND, CA 94608** **CA FID UST**
0.421 mi.
2224 ft. **Site 2 of 3 in cluster AG**

Relative:
Lower

Actual:
13 ft.

LUST REG 2:
Region: 2
Facility Id: 01-0913
Facility Status: Case Closed
Case Number: 4048
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
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: 1/23/1998
Date Post Remedial Action Monitoring Began: Not reported

SWEEPS UST:
Status: Not reported
Comp Number: 51535
Number: Not reported
Board Of Equalization: 44-000495
Referral Date: Not reported

DRAFT

LINFORD AIR & REFRIGERATION (Continued) **S101624438**

Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	01-000-051535-000001
Tank Status:	Not reported
Capacity:	10000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	2

Status:	Not reported
Comp Number:	51535
Number:	Not reported
Board Of Equalization:	44-000495
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	01-000-051535-000002
Tank Status:	Not reported
Capacity:	5000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	DIESEL
Number Of Tanks:	Not reported

CA FID UST:

Facility ID:	01001027
Regulated By:	UTNKI
Regulated ID:	CAC000809
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	5108342430
Mail To:	Not reported
Mailing Address:	2850 POPLAR ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	OAKLAND 94608
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

DRAFT

AG149 SW 1/4-1/2 0.421 mi. 2224 ft. | **LINDFORD AIR & REFRIGERATION**
2850 POPLAR
OAKLAND, CA 94608
Site 3 of 3 in cluster AG | **Notify 65** | **S100453871**
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

Y150 NW 1/4-1/2 0.422 mi. 2228 ft. | **UNITED STAMPING COMPANY**
4060-4062 HOLLIS STREET
EMERYVILLE, CA 94608
Site 5 of 5 in cluster Y | **ENVIROSTOR VCP** | **S111022974**
N/A

Relative: Lower
Actual: 21 ft.

ENVIROSTOR:

Facility ID:	60001476
Status:	No Further Action
Status Date:	04/26/2011
Site Code:	Not reported
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	0.8
NPL:	NO
Regulatory Agencies:	SMBRP, RWQCB 2 - San Francisco Bay
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Karen Toth
Division Branch:	Cleanup Berkeley
Assembly:	15
Senate:	09
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	EPA Grant
Latitude:	37.83046
Longitude:	-122.2852
APN:	049 061800400
Past Use:	MANUFACTURING - METAL
Potential COC:	Arsenic Total Chromium (1:6 ratio Cr VI:Cr III Lead Polynuclear aromatic hydrocarbons (PAHs TPH-diesel TPH-MOTOR OIL Cadmium and compounds Vanadium and compounds
Confirmed COC:	Arsenic Lead Total Chromium (1:6 ratio Cr VI:Cr III Polynuclear aromatic hydrocarbons (PAHs TPH-diesel Cadmium and compounds TPH-MOTOR OIL Vanadium and compounds
Potential Description:	SOIL
Alias Name:	049 061800400
Alias Type:	APN
Alias Name:	60001476
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported

DRAFT

UNITED STAMPING COMPANY (Continued) **S111022974**

Completed Document Type: No Further Action Letter
Completed Date: 06/14/2011
Comments: DTSc concurred with Emeryville's No Further Action.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 06/14/2011
Comments: The remedial plan consisted of excavation and off-site disposal of soil containing constituents of concern exceeding the cleanup goals. Several pre-remediation activities were conducted prior to soil excavation, including updating plan documents by the contractor, permitting, locating utilities, fencing the area, and soil sampling for waste classification. Soil was excavated to approximately 3 feet bgs within the designated area. A total of approximately 115 cubic yards of soil classified as non-hazardous waste by Waste Management, Inc. were transported to and disposed at WMI s landfill facility located at 10840 Altamont Pass Road in Livermore, California

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 11/26/2008
Comments: Final cleanup plan proposes excavation and offsite disposal of contaminated soils. DTSC concurred with this remedy pursuant to its Memorandum of Agreement with the City of Emeryville.

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: 60001476
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 0.8
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP, RWQCB 2 - San Francisco Bay
Lead Agency: NONE SPECIFIED
Lead Agency Description: Not reported
Project Manager: Not reported
Supervisor: Karen Toth
Division Branch: Cleanup Berkeley
Site Code: Not reported
Assembly: 15
Senate: 09
Special Programs Code: Not reported
Status: No Further Action
Status Date: 04/26/2011
Restricted Use: NO

DRAFT

UNITED STAMPING COMPANY (Continued) **S111022974**

Funding:	EPA Grant
Lat/Long:	37.83046 / -122.2852
APN:	049 061800400
Past Use:	MANUFACTURING - METAL
Potential COC:	30001, 30005, 30013, 30019, 30024, 3002502, 30108, 30587
Confirmed COC:	30001,30013,30005,30019,30024,30108,3002502,30587
Potential Description:	SOIL
Alias Name:	049 061800400
Alias Type:	APN
Alias Name:	60001476
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	No Further Action Letter
Completed Date:	06/14/2011
Comments:	DTSc concurred with Emeryville's No Further Action.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	06/14/2011
Comments:	The remedial plan consisted of excavation and off-site disposal of soil containing constituents of concern exceeding the cleanup goals. Several pre-remediation activities were conducted prior to soil excavation, including updating plan documents by the contractor, permitting, locating utilities, fencing the area, and soil sampling for waste classification. Soil was excavated to approximately 3 feet bgs within the designated area. A total of approximately 115 cubic yards of soil classified as non-hazardous waste by Waste Management, Inc. were transported to and disposed at WMI s landfill facility located at 10840 Altamont Pass Road in Livermore, California

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Workplan
Completed Date:	11/26/2008
Comments:	Final cleanup plan proposes excavation and offsite disposal of contaminated soils. DTSC concurred with this remedy pursuant to its Memorandum of Agreement with the City of Emeryville.

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

DRAFT

AD151 **RD MINER COMPANY** **LUST** **S102435598**
East **750 37TH ST** **Alameda County CS** **N/A**
1/4-1/2 **OAKLAND, CA 94609** **HIST CORTESE**
0.423 mi. **CERS**
2232 ft. **Site 2 of 2 in cluster AD**

Relative:
Higher

Actual:
59 ft.

LUST:

Lead Agency:	ALAMEDA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101123
Global Id:	T0600101123
Latitude:	37.826885
Longitude:	-122.270401
Status:	Completed - Case Closed
Status Date:	06/30/2014
Case Worker:	TW
RB Case Number:	01-1221
Local Agency:	ALAMEDA COUNTY LOP
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	RO0003064
Potential Media Affect:	Under Investigation
Potential Contaminants of Concern:	Gasoline
Site History:	Suspect case was opened mistakenly as the result of neighborhood complaints regarding excessive fumes and dying vegetation from ARCO station (RO76)that had a release in 1982. RO76 is a free product site with up to 4 feet of product observed in several site monitoring wells. The tanks located adjacent to the reported address of this site, were not removed until 1992. Soil excavated from the tank pit showed significant evidence of free product and thus likely were the source of the fumes. RO76 files contain a letter dated April 19, 1992 from another resident in the area complaining of impacts from the station.

LUST:

Global Id:	T0600101123
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

Global Id:	T0600101123
Contact Type:	Local Agency Caseworker
Contact Name:	TEENA WHITMER
Organization Name:	ALAMEDA COUNTY LOP
Address:	1131 HARBOR BAY PKWY
City:	ALAMEDA
Email:	teena.whitmer@acgov.org
Phone Number:	5105676772

LUST:

Global Id:	T0600101123
Action Type:	ENFORCEMENT
Date:	03/08/2012
Action:	File review

Global Id:	T0600101123

DRAFT

RD MINER COMPANY (Continued) **S102435598**

Action Type: ENFORCEMENT
Date: 05/13/2013
Action: File review

Global Id: T0600101123
Action Type: Other
Date: 08/10/1987
Action: Leak Discovery

Global Id: T0600101123
Action Type: Other
Date: 08/10/1987
Action: Leak Reported

LUST:
Global Id: T0600101123
Status: Open - Case Begin Date
Status Date: 08/10/1987

Global Id: T0600101123
Status: Open - Site Assessment
Status Date: 08/10/1987

Global Id: T0600101123
Status: Open - Eligible for Closure
Status Date: 07/31/2013

Global Id: T0600101123
Status: Completed - Case Closed
Status Date: 06/30/2014

Alameda County CS:
Status: Case Closed
Record Id: RO0003064
PE: 5602
Facility Status: Case Closed
Latitude: 37.826487011
Longitude: -122.27103953

Status: Case Closed
Record Id: RO0003064
PE: 5602
Facility Status: Case Closed
Latitude: 37.826487011
Longitude: -122.27103953

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-1221

CERS TANKS:
Site ID: 253549

DRAFT

RD MINER COMPANY (Continued) **S102435598**

CERS ID: T0600101123
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: TEENA WHITMER - 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: 5105676772

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

AC152 **DEL MONTE CORP.,PLANT #35** **Alameda County CS** **1000124534**
NNW **1250 PARK AVE** **SWEEPS UST** **N/A**
1/4-1/2 **EMERYVILLE, CA 94608** **HIST UST**
0.423 mi. **CA FID UST**
2234 ft. **Site 2 of 4 in cluster AC**

Relative:
Lower

Actual:
29 ft.

Alameda County CS:
Status: Verificaiton Monitoring Underway
Record Id: RO0002810
PE: 5502
Facility Status: Verification Monitoring Underway
Latitude: Not reported
Longitude: Not reported

Status: Verificaiton Monitoring Underway
Record Id: RO0002810
PE: 5502
Facility Status: Verification Monitoring Underway
Latitude: Not reported
Longitude: Not reported

SWEEPS UST:
Status: Not reported
Comp Number: 652
Number: Not reported
Board Of Equalization: 44-000005
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-000-000652-000001
Tank Status: Not reported
Capacity: 25000

DRAFT

DEL MONTE CORP.,PLANT #35 (Continued) **1000124534**

Active Date: Not reported
Tank Use: UNKNOWN
STG: WASTE
Content: Not reported
Number Of Tanks: 3

Status: Not reported
Comp Number: 652
Number: Not reported
Board Of Equalization: 44-000005
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-000-000652-000002
Tank Status: Not reported
Capacity: 500
Active Date: Not reported
Tank Use: M.V. FUEL
STG: WASTE
Content: LEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 652
Number: Not reported
Board Of Equalization: 44-000005
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-000-000652-000003
Tank Status: Not reported
Capacity: 1
Active Date: Not reported
Tank Use: M.V. FUEL
STG: WASTE
Content: LEADED
Number Of Tanks: Not reported

HIST UST:
File Number: 00035EF1
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00035EF1.pdf
Region: STATE
Facility ID: 00000000652
Facility Type: Other
Other Type: FRUIT CANNERY
Contact Name: W.W. BERRIS
Telephone: 4154202500
Owner Name: DEL MONTE CORPORATION
Owner Address: ONE MARKET PLAZA
Owner City,St,Zip: SAN FRANCISCO, CA 94119
Total Tanks: 0000

Tank Num: 001
Container Num: 1
Year Installed: Not reported

DRAFT

DEL MONTE CORP.,PLANT #35 (Continued) **1000124534**

Tank Capacity:	00025000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00000500
Tank Used for:	WASTE
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	003
Container Num:	3
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	None

Click here for Geo Tracker PDF:

CA FID UST:

Facility ID:	01001813
Regulated By:	UTNKI
Regulated ID:	00000652
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4154202500
Mail To:	Not reported
Mailing Address:	1250 PARK AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	EMERYVILLE 94608
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

AC153 **PIXAR ANIMATION STUDIOS, (FORMER DEL MONTE PLANT 3** **CPS-SLIC** **S109521469**
NNW **1250 PARK AVENUE (AKA 4204, 4240 AND 4250 HOLLIS STREET)** **N/A**
1/4-1/2 **EMERYVILLE, CA 94608**
0.423 mi.
2234 ft. **Site 3 of 4 in cluster AC**

Relative:
Lower

Actual:
29 ft.

CPS-SLIC:

Region:	STATE
Facility Status:	**Open - Remediation**
Status Date:	01/30/2009
Global Id:	T10000000727
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)

DRAFT

PIXAR ANIMATION STUDIOS, (FORMER DEL MONTE PLANT 35), 1250 P (Continued) **S109521469**

Lead Agency Case Number:	Not reported
Latitude:	37.831631
Longitude:	-122.283675
Case Type:	Cleanup Program Site
Case Worker:	MEJ
Local Agency:	Not reported
RB Case Number:	01S0171
File Location:	All Files are on GeoTracker or in the Local Agency Database
Potential Media Affected:	Indoor Air, Soil Vapor
Potential Contaminants of Concern:	Other Chlorinated Hydrocarbons, Other Solvent or Non-Petroleum Hydrocarbon, Tetrachloroethylene (PCE), Trichloroethylene (TCE), Polychlorinated biphenyls (PCBs), Diesel, Gasoline, Kerosene, Polynuclear aromatic hydrocarbons (PAHs), Waste Oil / Motor / Hydraulic / Lubricating
Site History:	This parcel has undergone an address change; from 4204 Hollis Street, to 1250 Park Avenue. Del Monte conducted canning operations at this facility from 1918 until 1989. In 1992 the former facility was torn down; in 1996 Pixar Studios purchased the property. Six underground storage tanks (USTs) were discovered during excavation of a utility and storm drain drench: they were removed in May of 2009. Also found during this excavation, were buried railroad tracks; they were removed and disposed of according to a site risk management plan. A park, parking lot and a commercial office building now exist on the site.

Click here to access the California GeoTracker records for this facility:

AC154 **DEL MONTE CORPORATION PLANT 35** **CPS-SLIC** **S106829876**
NNW **1250 PARK AVENUE** **EMI** **N/A**
1/4-1/2 **EMERYVILLE, CA 94608** **CERS**
0.423 mi.
2234 ft. **Site 4 of 4 in cluster AC**

Relative:
Lower

Actual:
29 ft.

CPS-SLIC:

Region:	STATE
Facility Status:	**Open - Inactive**
Status Date:	07/07/2016
Global Id:	SL20231849
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number:	Not reported
Latitude:	37.8316453845205
Longitude:	-122.285240292549
Case Type:	Cleanup Program Site
Case Worker:	MEJ
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), Soil Vapor
Potential Contaminants of Concern:	Other Chlorinated Hydrocarbons, Other Solvent or Non-Petroleum Hydrocarbon, Tetrachloroethylene (PCE), Trichloroethylene (TCE), Polychlorinated biphenyls (PCBs), Diesel, Gasoline, Kerosene, Waste Oil / Motor / Hydraulic / Lubricating, Polynuclear aromatic hydrocarbons (PAHs)
Site History:	This parcel has undergone an address change; from 4204 Hollis Street, to 1250 Park Avenue. Del Monte conducted canning operations at this facility from 1918 until 1989. In 1992 the former facility was torn down; in 1996 Pixar Studios purchased the property. Six underground storage tanks (USTs) were discovered during excavation of a utility

DRAFT

DEL MONTE CORPORATION PLANT 35 (Continued) **S106829876**

and storm drain drench: they were removed in May of 2009. Also found during this excavation, were buried railroad tracks; they were removed and disposed of according to a site risk management plan. A park, parking lot and a commercial office building now exist on the site.

Click here to access the California GeoTracker records for this facility:

EMI:

Year:	1987
County Code:	1
Air Basin:	SF
Facility ID:	535
Air District Name:	BA
SIC Code:	2033
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:	2
NOX - Oxides of Nitrogen Tons/Yr:	9
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

CERS TANKS:

Site ID:	190121
CERS ID:	SL20231849
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

AH155 **CHUNG PROPERTY / LANE METAL FINISHE** **CPS-SLIC** **S108430860**
SSE **2942 SAN PABLO AVE** **Alameda County CS** **N/A**
1/4-1/2 **OAKLAND, CA 94608** **CERS**
0.429 mi.
2263 ft. **Site 1 of 4 in cluster AH**

Relative:
Lower

Actual:
30 ft.

CPS-SLIC:

Region:	STATE
Facility Status:	**Open - Site Assessment**
Status Date:	06/24/2003
Global Id:	SL0600138148
Lead Agency:	DEPARTMENT OF TOXIC SUBSTANCES CONTROL
Lead Agency Case Number:	60000594
Latitude:	37.820099

DRAFT

CHUNG PROPERTY / LANE METAL FINISHE (Continued) **S108430860**

Longitude:	-122.276075
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	Not reported
File Location:	DTSC
Potential Media Affected:	Other Groundwater (uses other than drinking water), Soil Vapor
Potential Contaminants of Concern:	Other Solvent or Non-Petroleum Hydrocarbon, Trichloroethylene (TCE), Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

Alameda County CS:

Status:	Leak Confirmation
Record Id:	RO0002567
PE:	5502
Facility Status:	Leak Confirmation
Latitude:	Not reported
Longitude:	Not reported

Status:	Leak Confirmation
Record Id:	RO0002567
PE:	5502
Facility Status:	Leak Confirmation
Latitude:	Not reported
Longitude:	Not reported

CERS TANKS:

Site ID:	202324
CERS ID:	SL0600138148
CERS Description:	Cleanup Program Site

AH156 **FORMER LANE METAL FINISHERS** **RCRA-LQG** **1012176192**
SSE **2942 SAN PABLO AVE** **LIENS** **CAR000200584**
1/4-1/2 **OAKLAND, CA 94623** **Cortese**
0.429 mi. **HAZNET**
2263 ft. **Site 2 of 4 in cluster AH** **CERS**

Relative:
Lower

Actual:
30 ft.

RCRA-LQG:

Date form received by agency:	05/29/2015
Facility name:	FORMER LANE METAL FINISHERS
Facility address:	2942 SAN PABLO AVE OAKLAND, CA 94623
EPA ID:	CAR000200584
Mailing address:	700 HEINZ AVE BERKELEY, CA 94710
Contact:	JUANITA BACEY
Contact address:	700 HEINZ AVE BERKELEY, CA 94710
Contact country:	US
Contact telephone:	510-540-2480
Contact email:	JUANITA.BACEY@DTSC.CA.GOV
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

DRAFT

FORMER LANE METAL FINISHERS (Continued) **1012176192**

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:	CHAE AND JUNG CHUNG
Owner/operator address:	2926 SAN PABLO AVE
	OAKLAND, CA 94608
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:	12/01/1999
Owner/Op end date:	Not reported
Owner/operator name:	DTSC
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:	State
Owner/Operator Type:	Operator
Owner/Op start date:	12/01/2008
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: 135

DRAFT

FORMER LANE METAL FINISHERS (Continued) **1012176192**

. Waste name: Unspecified aqueous solution

. 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 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.

Historical Generators:
Date form received by agency: 05/28/2009
Site name: FORMER LANE METAL FINISHERS
Classification: Large Quantity Generator

. Waste code: D008
. Waste name: LEAD

. Waste code: D040
. Waste name: TRICHLOROETHYLENE

Violation Status: No violations found

LIENS:
Envirostor Id: 60000594
Latitude: 37.820151
Longitude: -122.27596
Project Mgr: SAGAR BHATT
Project Code: 201736
If Satisfied: NO
Date Satisfied: Not reported
Site Status: ACTIVE
Site Type: STATE RESPONSE OR NPL
Completed: 11/01/2012
Lien Amount: $1,431,145.87
Amount Remaining: Not reported
APNS: 009 069402001, 009 069403400, 009 069403500
Description: The Site is located in a densely-populated residential area in West Oakland. The 2942 San Pablo Avenue and 887 30th Street parcels are currently vacant. The 2926 San Pablo Avenue parcel consists of one story building of approximately 6731 square feet and is an operating auto body shop.

CORTESE:
Region: CORTESE
Envirostor Id: 60000594
Site/Facility Type: STATE RESPONSE
Cleanup Status: ACTIVE
Status Date: 03/15/2007
Site Code: 201736
Latitude: 37.820151
Longitude: -122.27596
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: envirostor

DRAFT

FORMER LANE METAL FINISHERS (Continued) **1012176192**

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

HAZNET:

envid:	1012176192
Year:	2014
GEPAID:	CAR000200584
Contact:	JAYANTHA RANDENI
Telephone:	5105403806
Mailing Name:	Not reported
Mailing Address:	700 HEINZ AVE
Mailing City,St,Zip:	BERKELEY, CA 947100000
Gen County:	Alameda
TSD EPA ID:	NVT330010000
TSD County:	99
Waste Category:	Other organic solids
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	1.23
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Alameda

envid:	1012176192
Year:	2013
GEPAID:	CAR000200584
Contact:	JAYANTHA RANDENI
Telephone:	5105403806
Mailing Name:	Not reported
Mailing Address:	700 HEINZ AVE
Mailing City,St,Zip:	BERKELEY, CA 947100000
Gen County:	Alameda
TSD EPA ID:	CAD982444481
TSD County:	San Bernardino
Waste Category:	Not reported
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.00417
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Not reported

envid:	1012176192
Year:	2013
GEPAID:	CAR000200584
Contact:	JAYANTHA RANDENI
Telephone:	5105403806
Mailing Name:	Not reported
Mailing Address:	700 HEINZ AVE
Mailing City,St,Zip:	BERKELEY, CA 947100000
Gen County:	Alameda

DRAFT

FORMER LANE METAL FINISHERS (Continued) **1012176192**

TSD EPA ID:	CAD982444481
TSD County:	San Bernardino
Waste Category:	Not reported
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0225
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Not reported

envid:	1012176192
Year:	2013
GEPAID:	CAR000200584
Contact:	JAYANTHA RANDENI
Telephone:	5105403806
Mailing Name:	Not reported
Mailing Address:	700 HEINZ AVE
Mailing City,St,Zip:	BERKELEY, CA 947100000
Gen County:	Alameda
TSD EPA ID:	NVT330010000
TSD County:	99
Waste Category:	Not reported
Disposal Method:	Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	19.9122
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Not reported

envid:	1012176192
Year:	2012
GEPAID:	CAR000200584
Contact:	JAYANTHA RANDENI
Telephone:	5105403806
Mailing Name:	Not reported
Mailing Address:	700 HEINZ AVE
Mailing City,St,Zip:	BERKELEY, CA 947100000
Gen County:	Alameda
TSD EPA ID:	CAT080013352
TSD County:	Los Angeles
Waste Category:	Not reported
Disposal Method:	Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.105
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Alameda

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

CERS TANKS:

Site ID:	337498
CERS ID:	60000594
CERS Description:	State Response

Affiliation:

Affiliation Type Desc:	Lead Project Manager

DRAFT

FORMER LANE METAL FINISHERS (Continued) **1012176192**

Entity Name:	Sagar Bhatt
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

AH157 **LANE METAL FINISHERS** **RESPONSE** **S118757135**
SSE **2942 SAN PABLO AVENUE** **ENVIROSTOR** **N/A**
1/4-1/2 **OAKLAND, CA 94608**
0.429 mi.
2263 ft. **Site 3 of 4 in cluster AH**

Relative:
Lower

Actual:
30 ft.

RESPONSE:

Facility ID:	60000594
Site Type:	State Response
Site Type Detail:	State Response or NPL
Acres:	0.61
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Sagar Bhatt
Supervisor:	Mark Piros
Division Branch:	Cleanup Berkeley
Site Code:	201736
Site Mgmt. Req.:	NONE SPECIFIED
Assembly:	18
Senate:	09
Special Program Status:	Not reported
Status:	Active
Status Date:	03/15/2007
Restricted Use:	NO
Funding:	Orphan Funds
Latitude:	37.82015
Longitude:	-122.2759
APN:	009 069402001, 009 069403400, 009 069403500
Past Use:	FUEL - VEHICLE STORAGE/ REFUELING, METAL PLATING - CHROME, METAL PLATING - OTHER
Potential COC :	Total Chromium (1:6 ratio Cr VI:Cr III Lead Methyl tertbutyl ether (MTBE Tetrachloroethylene (PCE TPH-gas Trichloroethylene (TCE Vinyl chloride Cadmium and compounds Carbon tetrachloride Chromium III Chromium VI Copper and compounds 1,1-Dichloroethylene 1,2-Dichloroethylene (cis Ethylbenzene Methylene chloride Nickel Zinc
Confirmed COC:	Ethylbenzene Tetrachloroethylene (PCE TPH-gas Cadmium and compounds Chromium III Chromium VI Copper and compounds 1,2-Dichloroethylene

DRAFT

LANE METAL FINISHERS (Continued) **S118757135**

(cis Zinc Methylene chloride Nickel Carbon tetrachloride Vinyl chloride Trichloroethylene (TCE 1,1-Dichloroethylene Total Chromium (1:6 ratio Cr VI:Cr III Lead Methyl tertbutyl ether (MTBE

Potential Description: OTH, SOIL, SV
Alias Name: Chung Property
Alias Type: Alternate Name
Alias Name: 009 069402001
Alias Type: APN
Alias Name: 009 069403400
Alias Type: APN
Alias Name: 009 069403500
Alias Type: APN
Alias Name: 110033614569
Alias Type: EPA (FRS #)
Alias Name: SL0600138148
Alias Type: GeoTracker Global ID
Alias Name: 201736
Alias Type: Project Code (Site Code)
Alias Name: 60000594
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 12/02/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/30/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 10/20/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 01/22/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/18/2015
Comments: A new DTSC Project Manager is assigned.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 11/12/2013
Comments: Not reported

DRAFT

LANE METAL FINISHERS (Continued) **S118757135**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 01/30/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 11/09/2010
Comments: CFA amendment for continued O&M of SVE system for $250,000.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 12/13/2006
Comments: Cadmium, chromium, lead and nickel were detected in the soil up to 48 mg/kg, 2400 mg/kg, 360 mg/kg and 18,000 mg/kg, respectively. TCE and TPH-g were detected in groundwater up to 9,100 ug/l and 6,800 ug/l, respectively in monitoring wells. TCE, cis-DCE and vinyl chloride were detected in the soil gas up to 16 microgram per liter (ug/l), 44 ug/l and 7.7 ug/l, respectively.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 05/19/2003
Comments: Trichloroethene (TCE), chromium and cadmium were detected in soil up to 0.54 mg/kg, 63.6 mg/kg and 5.4 mg/kg, respectively. TPH as gasoline (TPH-g), benzene and ethylbenzene were detected in groundwater up to 5,310 microgram per liter (ug/l), 37 ug/l, and 351 ug/l, respectively. TCE, cis-1,2-dichloroethene (cis-DCE), and 1,2-dichloroethane (1,2-DCA) were detected in groundwater at 3,780 ug/l, 193 ug/l, and 10 ug/l respectively.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 09/09/2003
Comments: Chromium and cadmium were detected in soil up to 63.6 mg/kg and 5.4 mg/kg, respectively. TPH as gasoline (TPH-g), TPH as stoddard solvent (TPH-ss),were detected in groundwater up to 4,900 ug/l and 650 ug/l respectively. TCE was detected in groundwater at 240,000 ug/l.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 10/03/2003
Comments: TCE was detected up to 0.54 mg/kg in soil.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 08/31/2004
Comments: TCE was detected in soil up to 92 mg/kg. TPH-g, benzene, TCE, cis-DCE, tetrachloroethylene (PCE), carbon tetra chloride, 1,1,2-trichloroethane (1,1,2-TCA), DCE and methylene chloride were

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LANE METAL FINISHERS (Continued) **S118757135**

detected in groundwater up to 5,310 ug/l, 6.7 ug/l, 412,000 ug/l, 10,800 ug/l, 177 ug/l, 180 ug/l, 19 ug/l, 39 ug/l and 34 ug/l, respectively. Three monitoring wells were installed and TPH-g and TCE were detected up to 2,280 ug/l and 5,670 ug/l, respectively.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/30/2004
Comments: 3 monitoring wells were sampled TCE ranged from 11.6 ug/l to 5,610 ug/l.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/01/2005
Comments: 3 monitoring wells were sampled and TCE concentrations ranged from 12.5 ug/l to 7,130 ug/l.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/30/2005
Comments: 3 monitoring wells were sampled and TCE concentrations ranged from 16.2 ug/l to 19,000 ug/l.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 02/14/2008
Comments: Soil, soil gas and groundwater sampling for volatile organic compounds and metals approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 03/20/2008
Comments: Fieldwork completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 02/01/2011
Comments: Remedial Investigation Fact sheet completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 12/09/2009
Comments: Remedial investigation of groundwater and soil vapor in the vicinity of the site and soil sampling of the adjacent property.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 01/22/2010
Comments: Not reported

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LANE METAL FINISHERS (Continued) **S118757135**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 01/28/2011
Comments: Soil, groundwater and soil gas were investigated within the site boundary. Groundwater investigations were also conducted on several locations along San Pablo Avenue and Market Street. Primary contaminants found include trichloroethene (TCE) and its breakdown products; cis-1,2-dichloroethene (cis-DCE), trans-1,2-Dichloroethene (trans-DCE) and vinyl chloride.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/26/2008
Comments: Indoor air sampling at the Lane Metals site conducted with 23 Summa canisters placed in 8 residences, one day care facility, one business, two crawl spaces under homes and four outdoor locations. Seven of these locations had duplicate canisters.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 10/06/2009
Comments: Interim Removal Action Plan selected soil vapor extraction as the preferred alternative.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 08/17/2009
Comments: Fact sheet for interim removal action workplan completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Implementation Workplan
Completed Date: 04/13/2009
Comments: Workplan for soil vapor extraction at the site approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 04/30/2010
Comments: SVE installation completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/28/2008
Comments: USEPA conducted indoor air sampling at several residential units and a day care center near the Site. Day Care Center did not have detections of any contaminants. Some of the samples had low levels of TCE. These levels did not require immediate action and will be reduced when DTSC implements the cleanup remedy.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

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LANE METAL FINISHERS (Continued) **S118757135**

Completed Document Type: Public Notice
Completed Date: 08/17/2009
Comments: Public notice for interim removal action workplan completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 04/24/2009
Comments: Field work completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 05/11/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/12/2009
Comments: Tank removal completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/24/2009
Comments: Underground waste oil tank was removed from the site. About 1600 gallons of oil water mixture, 137 tons of contaminated soil were removed and disposed at appropriate landfills. Soil vapor pilot study was completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 10/28/2010
Comments: SVE system installation report approved. SVE system consists of 9 extraction trenches, a liquid ring blower system, and a treatment system consisting of three vessels, each containing 2,000 pounds of vapor-phase granular activated carbon (GAC), and one 500-lb drum containing potassium permanganate-impregnated zeolite.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 11/15/2010
Comments: Operations and maintenance plan for the SVE system approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/11/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 04/26/2011

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LANE METAL FINISHERS (Continued) **S118757135**

Comments: Work plan approved to conduct a pilot study using in situ chemical oxidation (ISCO) with RegenOx.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/01/2011
Comments: Pilot study & follow-up GW monitoring complete.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Feasibility Study Report
Completed Date: 11/21/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/06/2010
Comments: Special discharge permit received from EBMUD to discharge rainwater accumulated in the extraction trenches.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/23/2011
Comments: BAAQMD permit to operate SVE system extended till April 1 ,2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 07/11/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 05/16/2011
Comments: BAAMQD approved PID monitoring frequency for the SVE system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/26/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 11/21/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Treatability Study Report
Completed Date: 01/09/2012
Comments: GW monitoring results similar to the last monitoring event. No

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LANE METAL FINISHERS (Continued) **S118757135**

significant change since the injections.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan Amendment
Completed Date: 02/24/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 04/05/2012
Comments: Approx 246 pounds of VOCs have been removed since startup. During this reporting period, approx 246 pounds of VOCs have been removed. Enhancements to the sys to optimize VOC removal is recommended.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 05/09/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 05/09/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 05/25/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 08/07/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Decommissioning Workplan
Completed Date: 08/21/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Decommissioning Report
Completed Date: 05/31/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/17/2012
Comments: grout and slurry mix to close well completed 12/14, gravel top layer

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LANE METAL FINISHERS (Continued) **S118757135**

completed 12/17.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 12/18/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 05/03/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 12/12/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/29/2012
Comments: Since startup, the SVE system has removed approx. 262 pounds of VOCs. During this reporting period, Jan. 1 through July 31, 2012, approx. 16 pounds of VOCs were removed. Pulsing the sys. continues to optimize results. Report recommends continuing operation of sys. and recommends options to optimize the sys.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 11/16/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 12/19/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/25/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 05/29/2015
Comments: The objective of the in-situ thermal remediation pilot study was to demonstrate the ability of in-situ thermal desorption to reduce target volatile organic compound concentrations in the soil and groundwater at the site. The results of the pilot test demonstrate that the use of in-situ thermal desorption technology is effective in

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LANE METAL FINISHERS (Continued) **S118757135**

the removal and/or reduction of target volatile organic compounds from soil and groundwater at the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 01/27/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 06/13/2008
Comments: Soil, soil gas & gw investigation

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Health & Safety Plan
Completed Date: 12/12/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 07/16/2015
Comments: The purpose of the subsurface investigation described in this Workplan is to collect soil, soil vapor, and groundwater samples for laboratory analysis to evaluate the effectiveness of the in-situ thermal remediation pilot study that was conducted in early 2014, and to delineate the extent of select metals and cyanide in shallow soil across the undeveloped portions of the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 01/14/2016
Comments: This investigation was conducted to collect soil, groundwater, and soil vapor samples for laboratory analysis (a) to evaluate the effectiveness of the 2014 in-situ thermal remediation pilot study and (b) to delineate the extent of select metals and cyanide in shallow soil across the undeveloped portions of the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Information Request Letter
Completed Date: 02/16/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Information Request Letter
Completed Date: 06/17/2016
Comments: DTSC requested additional information for an ability to pay determination.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

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LANE METAL FINISHERS (Continued) **S118757135**

Completed Document Type: Letter - Demand
Completed Date: 09/20/2011
Comments: Demand letter #2, 9/20/2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 10/20/2011
Comments: Demand Letter #3, 10/20/2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 12/15/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 05/25/2010
Comments: Contract extended to 9/30/2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 03/30/2010
Comments: CFA extension approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 12/11/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 04/15/2013
Comments: contract for thermal pilot study

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 01/30/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Lien
Completed Date: 11/01/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 05/06/2013
Comments: Not reported

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LANE METAL FINISHERS (Continued) **S118757135**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 08/29/1997
Comments: NO Further action since the property was vacant.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 02/13/2007
Comments: Community Profile completed. The Public Participation Specialist at the time concurred that the Cal Tech Community Profile was suitable for the "Lane Metal Finishers" and "Harris Dry Cleaners" sites since these three sites are within a few blocks from each other.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 04/13/2018
Comments: DTSC sent out a work notice to inform the community of field work scheduled between April 23, 2018 and April 27, 2018. The field work includes up to 17 samples being collected from the Site. All work is to be conducted between the hours of 8:00 am and 5:00 pm.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 04/20/2018
Comments: The Final Work Plan, Site Characterization for Thermal Remediation System (Work Plan) and associated Health and Safety Plan (HASP) were prepared as required by Contract 16-T4290, Work Order No. 1, issued to Engineering/Remediation Resources Group, Inc. (ERRG) on March 19, 2018. The Work Plan outlines the methodology for collecting additional samples to design the thermal conductive heating system for the Site, and the HASP was prepared to minimize risk of occupational accidents or exposures while conducting the sampling.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 02/22/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 03/04/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/16/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

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LANE METAL FINISHERS (Continued) **S118757135**

Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 12/20/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 04/22/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 11/20/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 12/06/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 02/26/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 11/05/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Orphan Site Designation
Completed Date: 08/16/2017
Comments: After conducting a reasonable and thorough PRP search, DTSC determined that no viable PRPs likely exist for this Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: PRP Identification Memorandum
Completed Date: 04/18/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 06/12/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: OPEA Consultation
Completed Date: 01/11/2018

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LANE METAL FINISHERS (Continued) **S118757135**

Comments: DTSC held an internal conference call to discuss what documents were necessary to prepare in order to meet the requirements set forth in the California Environmental Quality Act. It was determined that DTSC would conduct an Initial Study to determine the extent of impacts from the proposed remedial activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 11/28/2011
Comments: Re-mailed returned Final Demand letter to J. Chung work addrs.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/05/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 03/26/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 07/30/2012
Comments: channel investigation

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 09/25/2012
Comments: contract for paleochannel investigation

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 07/23/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Notice
Completed Date: 08/27/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 04/27/2010
Comments: CFA approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract

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LANE METAL FINISHERS (Continued) **S118757135**

Completed Date: 06/15/2017
Comments: The term of Contract 16-T4290 is from 6/20/17 through 9/30/18 and will not exceed $700,000.00.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/11/2016
Comments: Stop work order for contract which expired on February 26, 2016

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 12/30/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 03/07/2011
Comments: Work order issued for pilot study for groundwater.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/29/2010
Comments: ERRG contract fully executed for $150,000 until December 31, 2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 03/02/2011
Comments: URS contract for pilot study fully executed.10-T1095

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 03/19/2018
Comments: DTSC issued Work Order Number 1 for the Lane Metal Finishers Site under Contract 16-T4290 to Engineering/Remediation Resources Group, Inc. (ERRG) authorizing them to commence work. The Scope of Work for the Work Order is for Removal Action Workplan Implementation, which includes the preparation of various workplans.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 04/03/2018
Comments: Fully executed and signed Contract 17-T4436 between DTSC and Engineering/Remediation Resources Group, Inc. to provide the personnel, services, materials, and equipment necessary to perform remediation activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 03/15/2017

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LANE METAL FINISHERS (Continued) **S118757135**

Comments: New contract with ERRG for remediation $700,000

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 01/29/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 09/29/2009
Comments: Notice of Exemption was approved for the installation and operations of the soil vapor extraction and treatment system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 10/02/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 10/31/2012
Comments: Work order amended to add gw monitoring

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 06/10/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 10/24/2012
Comments: time extension only

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Imminent and/or Substantial Endangerment Order
Completed Date: 06/29/2007
Comments: Order issued to current property owners.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Proposed Determination of non-compliance
Completed Date: 07/20/2007
Comments: Proposed Determination of non-compliance sent to property owners.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/24/2015
Comments: Contract 14-T3912 A-1 with SGI, Term 12/8/14 through 2/28/16

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LANE METAL FINISHERS (Continued) **S118757135**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Ability To Pay
Completed Date: 12/15/2016
Comments: ATP final memo & internal meeting. It is the conclusion that payment of the total costs is not affordable for the Chungs.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 10/09/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 05/12/2009
Comments: Work Order for Remedial Investigation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 03/15/2018
Comments: DTSC requested funding for a contract on March 1, 2018 to conduct remediation of soil, soil gas, and groundwater via thermal heating at the Lane Metal Finishers Site using Engineering/Remediation Resources Group, Inc. as the remediation contractor. The request was approved, and contract 17-T4436 is effective from March 15, 2018 until December 31, 2021.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/11/2018
Comments: Letter to project proponent providing notification of change in DTSC project manager from Henry Wong to Sagar Bhatt.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Request for Tribal Outreach
Completed Date: 04/02/2018
Comments: DTSC submitted a request to the Native American Heritage Commission for assistance with outreach efforts to the Native American tribes in the area of the project.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Form 1479 - Site and Collections Summary
Completed Date: 02/24/2012
Comments: Working with OLC on PRP memo and potential Orphan designation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 05/20/2010
Comments: Not reported

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LANE METAL FINISHERS (Continued) **S118757135**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 05/25/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 06/15/2010
Comments: CFA for ERRg approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/10/2010
Comments: contract extended till Decemeber 2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 08/01/2011
Comments: Letter #1

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/13/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/27/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 01/12/2009
Comments: CFA approved for expedited removal action

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 02/10/2009
Comments: Contract fully executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 01/09/2009
Comments: CFA for remedial investigation work approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract

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LANE METAL FINISHERS (Continued) **S118757135**

Completed Date: 04/22/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 02/13/2009
Comments: Work Order issued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 09/27/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 09/28/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 03/30/2010
Comments: Workorder amendment for scope change.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 09/27/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 05/31/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 08/18/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 03/16/2015
Comments: The HARP is for site visits in 2015.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/05/2014
Comments: DTSC issued Contract #14-T3912 to Source Group for (1) preparing a workplan to collect soil, soil vapor, and groundwater samples from

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LANE METAL FINISHERS (Continued) **S118757135**

Site monitoring wells, (2) conducting fieldwork according to the DTSC-approved workplan, and (3) preparing an investigation report. The term of the contract is from 12/8/14 through 12/31/15.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/29/2014
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Certification
Future Due Date: 2020
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2023
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Remedial Action Completion Report
Future Due Date: 2019
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Removal Action Workplan
Schedule Due Date: 05/30/2018
Schedule Revised Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Fact Sheets
Schedule Due Date: 02/28/2018
Schedule Revised Date: 09/09/2018
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Public Notice
Schedule Due Date: 02/28/2018
Schedule Revised Date: 09/09/2018
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Community Profile
Schedule Due Date: 01/31/2018
Schedule Revised Date: Not reported

ENVIROSTOR:
Facility ID: 60000594
Status: Active
Status Date: 03/15/2007
Site Code: 201736
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 0.61
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Sagar Bhatt
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley

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LANE METAL FINISHERS (Continued) **S118757135**

Assembly: 18
Senate: 09
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Orphan Funds
Latitude: 37.82015
Longitude: -122.2759
APN: 009 069402001, 009 069403400, 009 069403500
Past Use: FUEL - VEHICLE STORAGE/ REFUELING, METAL PLATING - CHROME, METAL PLATING - OTHER
Potential COC: Total Chromium (1:6 ratio Cr VI:Cr III Lead Methyl tertbutyl ether (MTBE Tetrachloroethylene (PCE TPH-gas Trichloroethylene (TCE Vinyl chloride Cadmium and compounds Carbon tetrachloride Chromium III Chromium VI Copper and compounds 1,1-Dichloroethylene 1,2-Dichloroethylene (cis Ethylbenzene Methylene chloride Nickel Zinc
Confirmed COC: Ethylbenzene Tetrachloroethylene (PCE TPH-gas Cadmium and compounds Chromium III Chromium VI Copper and compounds 1,2-Dichloroethylene (cis Zinc Methylene chloride Nickel Carbon tetrachloride Vinyl chloride Trichloroethylene (TCE 1,1-Dichloroethylene Total Chromium (1:6 ratio Cr VI:Cr III Lead Methyl tertbutyl ether (MTBE
Potential Description: OTH, SOIL, SV
Alias Name: Chung Property
Alias Type: Alternate Name
Alias Name: 009 069402001
Alias Type: APN
Alias Name: 009 069403400
Alias Type: APN
Alias Name: 009 069403500
Alias Type: APN
Alias Name: 110033614569
Alias Type: EPA (FRS #)
Alias Name: SL0600138148
Alias Type: GeoTracker Global ID
Alias Name: 201736
Alias Type: Project Code (Site Code)
Alias Name: 60000594
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 12/02/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/30/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 10/20/2014
Comments: Not reported

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LANE METAL FINISHERS (Continued) **S118757135**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 01/22/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/18/2015
Comments: A new DTSC Project Manager is assigned.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 11/12/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 01/30/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 11/09/2010
Comments: CFA amendment for continued O&M of SVE system for $250,000.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 12/13/2006
Comments: Cadmium, chromium, lead and nickel were detected in the soil up to 48 mg/kg, 2400 mg/kg, 360 mg/kg and 18,000 mg/kg, respectively. TCE and TPH-g were detected in groundwater up to 9,100 ug/l and 6,800 ug/l, respectively in monitoring wells. TCE, cis-DCE and vinyl chloride were detected in the soil gas up to 16 microgram per liter (ug/l), 44 ug/l and 7.7 ug/l, respectively.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 05/19/2003
Comments: Trichloroethene (TCE), chromium and cadmium were detected in soil up to 0.54 mg/kg, 63.6 mg/kg and 5.4 mg/kg, respectively. TPH as gasoline (TPH-g), benzene and ethylbenzene were detected in groundwater up to 5,310 microgram per liter (ug/l), 37 ug/l, and 351 ug/l, respectively. TCE, cis-1,2-dichloroethene (cis-DCE), and 1,2-dichloroethane (1,2-DCA) were detected in groundwater at 3,780 ug/l, 193 ug/l, and 10 ug/l respectively.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 09/09/2003

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LANE METAL FINISHERS (Continued) **S118757135**

Comments: Chromium and cadmium were detected in soil up to 63.6 mg/kg and 5.4 mg/kg, respectively. TPH as gasoline (TPH-g), TPH as stoddard solvent (TPH-ss),were detected in groundwater up to 4,900 ug/l and 650 ug/l respectively. TCE was detected in groundwater at 240,000 ug/l.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 10/03/2003
Comments: TCE was detected up to 0.54 mg/kg in soil.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 08/31/2004
Comments: TCE was detected in soil up to 92 mg/kg. TPH-g, benzene, TCE, cis-DCE, tetrachloroethylene (PCE), carbon tetra chloride, 1,1,2-trichloroethane (1,1,2-TCA), DCE and methylene chloride were detected in groundwater up to 5,310 ug/l, 6.7 ug/l, 412,000 ug/l, 10,800 ug/l, 177 ug/l, 180 ug/l, 19 ug/l, 39 ug/l and 34 ug/l, respectively. Three monitoring wells were installed and TPH-g and TCE were detected up to 2,280 ug/l and 5,670 ug/l, respectively.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/30/2004
Comments: 3 monitoring wells were sampled TCE ranged from 11.6 ug/l to 5,610 ug/l.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/01/2005
Comments: 3 monitoring wells were sampled and TCE concentrations ranged from 12.5 ug/l to 7,130 ug/l.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/30/2005
Comments: 3 monitoring wells were sampled and TCE concentrations ranged from 16.2 ug/l to 19,000 ug/l.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 02/14/2008
Comments: Soil, soil gas and groundwater sampling for volatile organic compounds and metals approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 03/20/2008
Comments: Fieldwork completed.

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LANE METAL FINISHERS (Continued) **S118757135**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 02/01/2011
Comments: Remedial Investigation Fact sheet completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 12/09/2009
Comments: Remedial investigation of groundwater and soil vapor in the vicinity of the site and soil sampling of the adjacent property.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 01/22/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 01/28/2011
Comments: Soil, groundwater and soil gas were investigated within the site boundary. Groundwater investigations were also conducted on several locations along San Pablo Avenue and Market Street. Primary contaminants found include trichloroethene (TCE) and its breakdown products; cis-1,2-dichloroethene (cis-DCE), trans-1,2-Dichloroethene (trans-DCE) and vinyl chloride.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/26/2008
Comments: Indoor air sampling at the Lane Metals site conducted with 23 Summa canisters placed in 8 residences, one day care facility, one business, two crawl spaces under homes and four outdoor locations. Seven of these locations had duplicate canisters.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 10/06/2009
Comments: Interim Removal Action Plan selected soil vapor extraction as the preferred alternative.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 08/17/2009
Comments: Fact sheet for interim removal action workplan completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Implementation Workplan
Completed Date: 04/13/2009
Comments: Workplan for soil vapor extraction at the site approved.

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LANE METAL FINISHERS (Continued) **S118757135**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 04/30/2010
Comments: SVE installation completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/28/2008
Comments: USEPA conducted indoor air sampling at several residential units and a day care center near the Site. Day Care Center did not have detections of any contaminants. Some of the samples had low levels of TCE. These levels did not require immediate action and will be reduced when DTSC implements the cleanup remedy.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 08/17/2009
Comments: Public notice for interim removal action workplan completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 04/24/2009
Comments: Field work completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 05/11/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/12/2009
Comments: Tank removal completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/24/2009
Comments: Underground waste oil tank was removed from the site. About 1600 gallons of oil water mixture, 137 tons of contaminated soil were removed and disposed at appropriate landfills. Soil vapor pilot study was completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 10/28/2010
Comments: SVE system installation report approved. SVE system consists of 9 extraction trenches, a liquid ring blower system, and a treatment system consisting of three vessels, each containing 2,000 pounds of vapor-phase granular activated carbon (GAC), and one 500-lb drum

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LANE METAL FINISHERS (Continued) **S118757135**

containing potassium permanganate-impregnated zeolite.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 11/15/2010
Comments: Operations and maintenance plan for the SVE system approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/11/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 04/26/2011
Comments: Work plan approved to conduct a pilot study using in situ chemical oxidation (ISCO) with RegenOx.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/01/2011
Comments: Pilot study & follow-up GW monitoring complete.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Feasibility Study Report
Completed Date: 11/21/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/06/2010
Comments: Special discharge permit received from EBMUD to discharge rainwater accumulated in the extraction trenches.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/23/2011
Comments: BAAQMD permit to operate SVE system extended till April 1 ,2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 07/11/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 05/16/2011
Comments: BAAMQD approved PID monitoring frequency for the SVE system.

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LANE METAL FINISHERS (Continued) **S118757135**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/26/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 11/21/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Treatability Study Report
Completed Date: 01/09/2012
Comments: GW monitoring results similar to the last monitoring event. No significant change since the injections.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan Amendment
Completed Date: 02/24/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 04/05/2012
Comments: Approx 246 pounds of VOCs have been removed since startup. During this reporting period, approx 246 pounds of VOCs have been removed. Enhancements to the sys to optimize VOC removal is recommended.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 05/09/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 05/09/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 05/25/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 08/07/2012
Comments: Not reported

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LANE METAL FINISHERS (Continued) **S118757135**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Decommissioning Workplan
Completed Date: 08/21/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Decommissioning Report
Completed Date: 05/31/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/17/2012
Comments: grout and slurry mix to close well completed 12/14, gravel top layer completed 12/17.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 12/18/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 05/03/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 12/12/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/29/2012
Comments: Since startup, the SVE system has removed approx. 262 pounds of VOCs. During this reporting period, Jan. 1 through July 31, 2012, approx. 16 pounds of VOCs were removed. Pulsing the sys. continues to optimize results. Report recommends continuing operation of sys. and recommends options to optimize the sys.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 11/16/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 12/19/2013

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LANE METAL FINISHERS (Continued) **S118757135**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/25/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 05/29/2015
Comments: The objective of the in-situ thermal remediation pilot study was to demonstrate the ability of in-situ thermal desorption to reduce target volatile organic compound concentrations in the soil and groundwater at the site. The results of the pilot test demonstrate that the use of in-situ thermal desorption technology is effective in the removal and/or reduction of target volatile organic compounds from soil and groundwater at the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 01/27/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 06/13/2008
Comments: Soil, soil gas & gw investigation

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Health & Safety Plan
Completed Date: 12/12/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 07/16/2015
Comments: The purpose of the subsurface investigation described in this Workplan is to collect soil, soil vapor, and groundwater samples for laboratory analysis to evaluate the effectiveness of the in-situ thermal remediation pilot study that was conducted in early 2014, and to delineate the extent of select metals and cyanide in shallow soil across the undeveloped portions of the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 01/14/2016
Comments: This investigation was conducted to collect soil, groundwater, and soil vapor samples for laboratory analysis (a) to evaluate the effectiveness of the 2014 in-situ thermal remediation pilot study and (b) to delineate the extent of select metals and cyanide in shallow

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LANE METAL FINISHERS (Continued) **S118757135**

soil across the undeveloped portions of the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Information Request Letter
Completed Date: 02/16/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Information Request Letter
Completed Date: 06/17/2016
Comments: DTSC requested additional information for an ability to pay determination.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 09/20/2011
Comments: Demand letter #2, 9/20/2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 10/20/2011
Comments: Demand Letter #3, 10/20/2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 12/15/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 05/25/2010
Comments: Contract extended to 9/30/2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 03/30/2010
Comments: CFA extension approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 12/11/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 04/15/2013
Comments: contract for thermal pilot study

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LANE METAL FINISHERS (Continued) **S118757135**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 01/30/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Lien
Completed Date: 11/01/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 05/06/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 08/29/1997
Comments: NO Further action since the property was vacant.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 02/13/2007
Comments: Community Profile completed. The Public Participation Specialist at the time concurred that the Cal Tech Community Profile was suitable for the "Lane Metal Finishers" and "Harris Dry Cleaners" sites since these three sites are within a few blocks from each other.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 04/13/2018
Comments: DTSC sent out a work notice to inform the community of field work scheduled between April 23, 2018 and April 27, 2018. The field work includes up to 17 samples being collected from the Site. All work is to be conducted between the hours of 8:00 am and 5:00 pm.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 04/20/2018
Comments: The Final Work Plan, Site Characterization for Thermal Remediation System (Work Plan) and associated Health and Safety Plan (HASP) were prepared as required by Contract 16-T4290, Work Order No. 1, issued to Engineering/Remediation Resources Group, Inc. (ERRG) on March 19, 2018. The Work Plan outlines the methodology for collecting additional samples to design the thermal conductive heating system for the Site, and the HASP was prepared to minimize risk of occupational accidents or exposures while conducting the sampling.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

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LANE METAL FINISHERS (Continued) **S118757135**

Completed Document Type: State/Federal Funded Site Contract
Completed Date: 02/22/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 03/04/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/16/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 12/20/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 04/22/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 11/20/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 12/06/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 02/26/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 11/05/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Orphan Site Designation
Completed Date: 08/16/2017
Comments: After conducting a reasonable and thorough PRP search, DTSC

DRAFT

LANE METAL FINISHERS (Continued) **S118757135**

determined that no viable PRPs likely exist for this Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: PRP Identification Memorandum
Completed Date: 04/18/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 06/12/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: OPEA Consultation
Completed Date: 01/11/2018
Comments: DTSC held an internal conference call to discuss what documents were necessary to prepare in order to meet the requirements set forth in the California Environmental Quality Act. It was determined that DTSC would conduct an Initial Study to determine the extent of impacts from the proposed remedial activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 11/28/2011
Comments: Re-mailed returned Final Demand letter to J. Chung work addrs.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/05/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 03/26/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 07/30/2012
Comments: channel investigation

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 09/25/2012
Comments: contract for paleochannel investigation

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order

DRAFT

LANE METAL FINISHERS (Continued) **S118757135**

Completed Date: 07/23/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Notice
Completed Date: 08/27/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 04/27/2010
Comments: CFA approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/15/2017
Comments: The term of Contract 16-T4290 is from 6/20/17 through 9/30/18 and will not exceed $700,000.00.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/11/2016
Comments: Stop work order for contract which expired on February 26, 2016

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 12/30/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 03/07/2011
Comments: Work order issued for pilot study for groundwater.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/29/2010
Comments: ERRG contract fully executed for $150,000 until December 31, 2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 03/02/2011
Comments: URS contract for pilot study fully executed.10-T1095

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 03/19/2018
Comments: DTSC issued Work Order Number 1 for the Lane Metal Finishers Site

DRAFT

LANE METAL FINISHERS (Continued) **S118757135**

under Contract 16-T4290 to Engineering/Remediation Resources Group, Inc. (ERRG) authorizing them to commence work. The Scope of Work for the Work Order is for Removal Action Workplan Implementation, which includes the preparation of various workplans.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 04/03/2018
Comments: Fully executed and signed Contract 17-T4436 between DTSC and Engineering/Remediation Resources Group, Inc. to provide the personnel, services, materials, and equipment necessary to perform remediation activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 03/15/2017
Comments: New contract with ERRG for remediation $700,000

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 01/29/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 09/29/2009
Comments: Notice of Excemption was approved for the installation and operations of the soil vapor extraction and treatment system.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 10/02/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 10/31/2012
Comments: Work order amended to add gw monitoring

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 06/10/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 10/24/2012
Comments: time extension only

DRAFT

LANE METAL FINISHERS (Continued) **S118757135**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Imminent and/or Substantial Endangerment Order
Completed Date: 06/29/2007
Comments: Order issued to current property owners.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Proposed Determination of non-compliance
Completed Date: 07/20/2007
Comments: Proposed Determination of non-compliance sent to property owners.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/24/2015
Comments: Contract 14-T3912 A-1 with SGI, Term 12/8/14 through 2/28/16

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Ability To Pay
Completed Date: 12/15/2016
Comments: ATP final memo & internal meeting. It is the conclusion that payment of the total costs is not affordable for the Chungs.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 10/09/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 05/12/2009
Comments: Work Order for Remedial Investigation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 03/15/2018
Comments: DTSC requested funding for a contract on March 1, 2018 to conduct remediation of soil, soil gas, and groundwater via thermal heating at the Lane Metal Finishers Site using Engineering/Remediation Resources Group, Inc. as the remediation contractor. The request was approved, and contract 17-T4436 is effective from March 15, 2018 until December 31, 2021.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/11/2018
Comments: Letter to project proponent providing notification of change in DTSC project manager from Henry Wong to Sagar Bhatt.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

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LANE METAL FINISHERS (Continued) **S118757135**

Completed Document Type: Request for Tribal Outreach
Completed Date: 04/02/2018
Comments: DTSC submitted a request to the Native American Heritage Commission for assistance with outreach efforts to the Native American tribes in the area of the project.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Form 1479 - Site and Collections Summary
Completed Date: 02/24/2012
Comments: Working with OLC on PRP memo and potential Orphan designation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 05/20/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 05/25/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 06/15/2010
Comments: CFA for ERRg approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/10/2010
Comments: contract extended till Decemeber 2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 08/01/2011
Comments: Letter #1

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/13/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/27/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)

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LANE METAL FINISHERS (Continued) **S118757135**

Completed Date: 01/12/2009
Comments: CFA approved for expedited removal action

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 02/10/2009
Comments: Contract fully executed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 01/09/2009
Comments: CFA for remedial investigation work approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 04/22/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 02/13/2009
Comments: Work Order issued.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 09/27/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 09/28/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 03/30/2010
Comments: Workorder amendment for scope change.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 09/27/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 05/31/2013
Comments: Not reported

DRAFT

LANE METAL FINISHERS (Continued) **S118757135**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 08/18/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 03/16/2015
Comments: The HARP is for site visits in 2015.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/05/2014
Comments: DTSC issued Contract #14-T3912 to Source Group for (1) preparing a workplan to collect soil, soil vapor, and groundwater samples from Site monitoring wells, (2) conducting fieldwork according to the DTSC-approved workplan, and (3) preparing an investigation report. The term of the contract is from 12/8/14 through 12/31/15.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/29/2014
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Certification
Future Due Date: 2020
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2023
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Remedial Action Completion Report
Future Due Date: 2019
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Removal Action Workplan
Schedule Due Date: 05/30/2018
Schedule Revised Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Fact Sheets
Schedule Due Date: 02/28/2018
Schedule Revised Date: 09/09/2018
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Public Notice
Schedule Due Date: 02/28/2018
Schedule Revised Date: 09/09/2018
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported

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LANE METAL FINISHERS (Continued) **S118757135**

Schedule Document Type: Community Profile
Schedule Due Date: 01/31/2018
Schedule Revised Date: Not reported

158
SSW
1/4-1/2
0.430 mi.
2272 ft.

BROOK'S AUTO SERVICE
1101 28TH
OAKLAND, CA 94608

LUST **S103177080**
Alameda County CS **N/A**
HIST CORTESE

Relative:
Lower

Actual:
17 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=T0600102303
Global Id: T0600102303
Latitude: 37.8199548370916
Longitude: -122.281415462494
Status: Open - Eligible for Closure
Status Date: 05/02/2018
Case Worker: REL
RB Case Number: 01-2304
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: Under Investigation
Potential Contaminants of Concern: Gasoline
Site History: Beginning on May 30, 1996 two 700-gallon USTs one containing gasoline the other waste oil and associated product piping were removed. Corrosion and holes were observed in both tanks. Elevated petroleum hydrocarbon concentrations were observed in confirmation soil samples. ACEH requested further investigation and collection of groundwater samples and sent notices of violation. However, no further work was performed. On the Project Information screen, add this phrase to the Staff Notes and Site History: Not all historic documents for the fuel leak case may be available on GeoTracker. A more complete historical 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: T0600102303
Contact Type: Regional Board Caseworker
Contact Name: RALPH LAMBERT
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST. SUITE 1500
City: OAKLAND
Email: ralambert@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0600102303
Action Type: ENFORCEMENT
Date: 08/27/2010
Action: Staff Letter - #20100827

Global Id: T0600102303
Action Type: ENFORCEMENT
Date: 04/30/2015

DRAFT

BROOK'S AUTO SERVICE (Continued) **S103177080**

Action: 13267 Requirement

Global Id: T0600102303
Action Type: RESPONSE
Date: 10/27/2010
Action: Soil and Water Investigation Report

Global Id: T0600102303
Action Type: ENFORCEMENT
Date: 02/14/2011
Action: Notice of Violation - #20110214

Global Id: T0600102303
Action Type: Other
Date: 06/24/1996
Action: Leak Stopped

Global Id: T0600102303
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Notice of Violation - #20090724

Global Id: T0600102303
Action Type: ENFORCEMENT
Date: 03/14/1996
Action: Other Report

Global Id: T0600102303
Action Type: RESPONSE
Date: 04/19/2018
Action: Soil and Water Investigation Report

Global Id: T0600102303
Action Type: ENFORCEMENT
Date: 03/22/2012
Action: Referral to Regional Board - #20120322

Global Id: T0600102303
Action Type: ENFORCEMENT
Date: 01/16/2013
Action: File Review - Closure

Global Id: T0600102303
Action Type: RESPONSE
Date: 06/22/2006
Action: Other Report / Document

Global Id: T0600102303
Action Type: ENFORCEMENT
Date: 05/01/2018
Action: Notification - Public Notice of Case Closure

Global Id: T0600102303
Action Type: ENFORCEMENT
Date: 11/25/2015
Action: Staff Letter

DRAFT

BROOK'S AUTO SERVICE (Continued) **S103177080**

Global Id: T0600102303
Action Type: ENFORCEMENT
Date: 10/02/1996
Action: Notice of Reimbursement

Global Id: T0600102303
Action Type: Other
Date: 06/24/1996
Action: Leak Discovery

Global Id: T0600102303
Action Type: REMEDIATION
Date: 05/30/1996
Action: Excavation

Global Id: T0600102303
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Staff Letter - #20090724

Global Id: T0600102303
Action Type: ENFORCEMENT
Date: 11/06/2012
Action: Site Visit / Inspection / Sampling

Global Id: T0600102303
Action Type: ENFORCEMENT
Date: 08/26/2010
Action: Staff Letter

Global Id: T0600102303
Action Type: RESPONSE
Date: 08/10/2009
Action: Electronic Reporting Submittal Due

Global Id: T0600102303
Action Type: RESPONSE
Date: 08/29/1996
Action: Soil and Water Investigation Workplan

Global Id: T0600102303
Action Type: RESPONSE
Date: 07/23/2010
Action: Soil and Water Investigation Workplan

Global Id: T0600102303
Action Type: RESPONSE
Date: 08/28/1996
Action: Other Report / Document

Global Id: T0600102303
Action Type: RESPONSE
Date: 05/09/1985
Action: Correspondence

Global Id: T0600102303
Action Type: RESPONSE

DRAFT

BROOK'S AUTO SERVICE (Continued) **S103177080**

Date: 10/02/1996
Action: Soil and Water Investigation Workplan

Global Id: T0600102303
Action Type: ENFORCEMENT
Date: 12/28/1992
Action: Staff Letter

Global Id: T0600102303
Action Type: ENFORCEMENT
Date: 07/03/2008
Action: Staff Letter - #20080703

Global Id: T0600102303
Action Type: RESPONSE
Date: 03/17/2011
Action: Electronic Reporting Submittal Due

Global Id: T0600102303
Action Type: Other
Date: 06/24/1996
Action: Leak Reported

Global Id: T0600102303
Action Type: ENFORCEMENT
Date: 10/13/2010
Action: Notice of Responsibility

Global Id: T0600102303
Action Type: RESPONSE
Date: 10/25/1996
Action: Tank Removal Report / UST Sampling Report

Global Id: T0600102303
Action Type: RESPONSE
Date: 07/03/2015
Action: Soil and Water Investigation Workplan

Global Id: T0600102303
Action Type: ENFORCEMENT
Date: 09/14/1990
Action: Other Report

Global Id: T0600102303
Action Type: ENFORCEMENT
Date: 10/13/2010
Action: Staff Letter

Global Id: T0600102303
Action Type: ENFORCEMENT
Date: 02/29/2016
Action: 13267 Requirement

Global Id: T0600102303
Action Type: RESPONSE
Date: 01/30/2018
Action: Soil and Water Investigation Workplan - Regulator Responded

DRAFT

BROOK'S AUTO SERVICE (Continued) **S103177080**

LUST:

Global Id:	T0600102303
Status:	Open - Case Begin Date
Status Date:	06/24/1996
Global Id:	T0600102303
Status:	Open - Site Assessment
Status Date:	06/24/1996
Global Id:	T0600102303
Status:	Open - Site Assessment
Status Date:	08/29/1996
Global Id:	T0600102303
Status:	Open - Inactive
Status Date:	05/18/2016
Global Id:	T0600102303
Status:	Open - Inactive
Status Date:	08/29/2017
Global Id:	T0600102303
Status:	Open - Assessment & Interim Remedial Action
Status Date:	02/01/2018
Global Id:	T0600102303
Status:	Open - Eligible for Closure
Status Date:	05/02/2018

LUST REG 2:

Region:	2
Facility Id:	21-2304
Facility Status:	Preliminary site assessment underway
Case Number:	345
How Discovered:	Tank Closure
Leak Cause:	UNK
Leak Source:	UNK
Date Leak Confirmed:	3/16/1998
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

Alameda County CS:

Status:	11
Record Id:	RO0000222
PE:	5602
Facility Status:	Not reported
Latitude:	37.81990162
Longitude:	-122.28126152
Status:	11

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BROOK'S AUTO SERVICE (Continued) **S103177080**

Record Id: RO0000222
PE: 5602
Facility Status: Not reported
Latitude: 37.81990162
Longitude: -122.28126152

Status: 11
Record Id: RO0000222
PE: 5602
Facility Status: Not reported
Latitude: 37.81990162
Longitude: -122.28126152

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 21-2304

AI159 **RUSH PROPERTY 28TH ST** **LUST** **S105631030**
SSW **1173 28TH STREET** **Alameda County CS** **N/A**
1/4-1/2 **OAKLAND, CA 94608** **CHMIRS**
0.433 mi. **CERS**
2285 ft. **Site 1 of 2 in cluster AI**

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=T0600194544
Global Id: T0600194544
Latitude: 37.8202345166067
Longitude: -122.283115983009
Status: Completed - Case Closed
Status Date: 06/01/2010
Case Worker: PK
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: RO0002562
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: In July 2002, a subsurface investigation consisting of borings were installed at the site. Elevated concentrations of petroleum hydrocarbons were detected at the site. In January 2003, one 350-gallon and one 500-gallon USTs were removed from the site. Elevated concentrations of petroleum hydrocarbons were detected in groundwater samples. In 2006, several borings were installed at the site to delineate the extent of contamination. Concentrations of petroleum hydrocarbons as wells as solvents were detected at the site. In April 2007, borings were installed up-gradient to identify source of solvents detected at the site. Most elevated concentrations of solvents were detected up-gradient of the site. However, a source was not identified.

LUST:
Global Id: T0600194544
Contact Type: Local Agency Caseworker
Contact Name: PARESH KHATRI

DRAFT

RUSH PROPERTY 28TH ST (Continued) **S105631030**

Organization Name: ALAMEDA COUNTY LOP
Address: 1131 HARBOR BAY PARKWAY
City: ALAMEDA
Email: paresh.khatri@acgov.org
Phone Number: 5107772478

Global Id: T0600194544
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: T0600194544
Action Type: Other
Date: 11/19/1965
Action: Leak Stopped

Global Id: T0600194544
Action Type: ENFORCEMENT
Date: 03/16/2009
Action: Technical Correspondence / Assistance / Other - #20090316

Global Id: T0600194544
Action Type: ENFORCEMENT
Date: 06/01/2010
Action: Closure/No Further Action Letter - #2010001

Global Id: T0600194544
Action Type: ENFORCEMENT
Date: 07/28/2009
Action: Staff Letter - #20090728

Global Id: T0600194544
Action Type: ENFORCEMENT
Date: 08/13/2009
Action: Notification - Fee Title Owners Notice - #20090813

Global Id: T0600194544
Action Type: Other
Date: 05/02/2003
Action: Leak Reported

Global Id: T0600194544
Action Type: ENFORCEMENT
Date: 09/17/2009
Action: Notification - Preclosure - #20090917

Global Id: T0600194544
Action Type: Other
Date: 07/02/2002
Action: Leak Discovery

Global Id: T0600194544

DRAFT

RUSH PROPERTY 28TH ST (Continued) **S105631030**

Action Type:	ENFORCEMENT
Date:	10/31/2008
Action:	Technical Correspondence / Assistance / Other - #20081031
Global Id:	T0600194544
Action Type:	Other
Date:	11/19/1965
Action:	Leak Began

LUST:

Global Id:	T0600194544
Status:	Open - Case Begin Date
Status Date:	07/02/2002
Global Id:	T0600194544
Status:	Open - Site Assessment
Status Date:	07/02/2002
Global Id:	T0600194544
Status:	Completed - Case Closed
Status Date:	06/01/2010

Alameda County CS:

Status:	Case Closed
Record Id:	RO0002562
PE:	5602
Facility Status:	Case Closed
Latitude:	Not reported
Longitude:	Not reported
Status:	Case Closed
Record Id:	RO0002562
PE:	5602
Facility Status:	Case Closed
Latitude:	Not reported
Longitude:	Not reported

CHMIRS:

OES Incident Number:	7768
OES notification:	Not reported
OES Date:	4/23/1993
OES Time:	11:30:00 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

DRAFT

RUSH PROPERTY 28TH ST (Continued) **S105631030**

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:	coast sausage co.
Containment:	Not reported
What Happened:	Not reported
Type:	CHEMICAL
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1993
Agency:	alameda co/doh
Incident Date:	4/12/93/05:00
Admin Agency:	Not reported
Amount:	unknown
Contained:	NO
Site Type:	Not reported
E Date:	Not reported
Substance:	ammonia
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	fire at the coast sausage co. caused ammonia lint to burst open into fire.

CERS TANKS:

Site ID:	216296
CERS ID:	T0600194544
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker

DRAFT

RUSH PROPERTY 28TH ST (Continued) **S105631030**

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
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

AE160 **CAL TECH METALS** **RESPONSE** **S110326384**
SE **825, 829, 841 31ST STREET** **ENVIROSTOR** **N/A**
1/4-1/2 **OAKLAND, CA 94608** **LIENS**
0.433 mi. **Cortese**
2288 ft. **Site 2 of 2 in cluster AE** **CERS**

Relative: Higher
Actual: 35 ft.

RESPONSE:

Facility ID:	1340118
Site Type:	State Response
Site Type Detail:	State Response or NPL
Acres:	0.64
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP, US EPA
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Henry Wong
Supervisor:	Janet Naito
Division Branch:	Cleanup Berkeley
Site Code:	200882
Site Mgmt. Req.:	NONE SPECIFIED
Assembly:	18
Senate:	09
Special Program Status:	Not reported
Status:	Active
Status Date:	05/02/2006
Restricted Use:	NO
Funding:	Orphan Funds
Latitude:	37.82086
Longitude:	-122.2744
APN:	009 071003600, 009 071003700, 009 071003800, 009 071003900
Past Use:	METAL PLATING - CHROME, METAL PLATING - OTHER
Potential COC :	Lead Trichloroethylene (TCE Vinyl chloride 1,2-Dichloroethylene (cis 1,2-Dichloroethylene (trans Nickel
Confirmed COC:	1,2-Dichloroethylene (cis 1,2-Dichloroethylene (trans Nickel Vinyl chloride Trichloroethylene (TCE Lead
Potential Description:	OTH, SOIL, SV
Alias Name:	Not reported
Alias Type:	Not reported

DRAFT

CAL TECH METALS (Continued) **S110326384**

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:	1340118
Status:	Active
Status Date:	05/02/2006
Site Code:	200882
Site Type:	State Response
Site Type Detailed:	State Response or NPL
Acres:	0.64
NPL:	NO
Regulatory Agencies:	SMBRP, US EPA
Lead Agency:	SMBRP
Program Manager:	Henry Wong
Supervisor:	Janet Naito
Division Branch:	Cleanup Berkeley
Assembly:	18
Senate:	09
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Orphan Funds
Latitude:	37.82086
Longitude:	-122.2744
APN:	009 071003600, 009 071003700, 009 071003800, 009 071003900
Past Use:	METAL PLATING - CHROME, METAL PLATING - OTHER
Potential COC:	Lead Trichloroethylene (TCE Vinyl chloride 1,2-Dichloroethylene (cis 1,2-Dichloroethylene (trans Nickel
Confirmed COC:	1,2-Dichloroethylene (cis 1,2-Dichloroethylene (trans Nickel Vinyl chloride Trichloroethylene (TCE Lead
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

DRAFT

CAL TECH METALS (Continued) **S110326384**

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

LIENS:

Envirostor Id: 1340118
Latitude: 37.820869
Longitude: -122.27446
Project Mgr: HENRY WONG
Project Code: 200882
If Satisfied: NO
Date Satisfied: Not reported
Site Status: ACTIVE
Site Type: STATE RESPONSE OR NPL
Completed: 06/01/2011
Lien Amount: $1,710,822
Amount Remaining: Not reported
APNS: 009 071003600, 009 071003700, 009 071003800, 009 071003900
Description: Lane Metal Finishers and Cal-Tech Metal Finishers (Cal-Tech) operated at the Site from 1947 to 2000. Cal-Tech operations included polishing, electroplating, anodizing and plating of metal parts. Chemicals historically used at the Site include caustic liquids, sodium, hydroxide, hydrochloric acid, nitric acid, sulfuric acid, chromic acid, chromic trioxide, sodium cyanide, cadmium, copper cyanide, potassium cyanide, silver cyanide and plating solutions containing variety of metals. The waste generated at the Site included aqueous waste containing hexavalent chromium and sludges containing metals.

Envirostor Id: 1340118
Latitude: 37.820869
Longitude: -122.27446
Project Mgr: HENRY WONG
Project Code: 200882
If Satisfied: NO
Date Satisfied: Not reported
Site Status: ACTIVE
Site Type: STATE RESPONSE OR NPL
Completed: 06/03/2013
Lien Amount: $1,976,598.39
Amount Remaining: Not reported
APNS: 009 071003600, 009 071003700, 009 071003800, 009 071003900
Description: Lane Metal Finishers and Cal-Tech Metal Finishers (Cal-Tech) operated at the Site from 1947 to 2000. Cal-Tech operations included polishing, electroplating, anodizing and plating of metal parts. Chemicals historically used at the Site include caustic liquids, sodium, hydroxide, hydrochloric acid, nitric acid, sulfuric acid, chromic acid, chromic trioxide, sodium cyanide, cadmium, copper cyanide, potassium cyanide, silver cyanide and plating solutions containing variety of metals. The waste generated at the Site included aqueous waste containing hexavalent chromium and sludges containing metals.

DRAFT

CAL TECH METALS (Continued) **S110326384**

Envirostor Id:	1340118
Latitude:	37.820869
Longitude:	-122.27446
Project Mgr:	HENRY WONG
Project Code:	200882
If Satisfied:	NO
Date Satisfied:	Not reported
Site Status:	ACTIVE
Site Type:	STATE RESPONSE OR NPL
Completed:	06/03/2013
Lien Amount:	$1,976,598.39
Amount Remaining:	Not reported
APNS:	009 071003600, 009 071003700, 009 071003800, 009 071003900
Description:	Lane Metal Finishers and Cal-Tech Metal Finishers (Cal-Tech) operated at the Site from 1947 to 2000. Cal-Tech operations included polishing, electroplating, anodizing and plating of metal parts. Chemicals historically used at the Site include caustic liquids, sodium, hydroxide, hydrochloric acid, nitric acid, sulfuric acid, chromic acid, chromic trioxide, sodium cyanide, cadmium, copper cyanide, potassium cyanide, silver cyanide and plating solutions containing variety of metals. The waste generated at the Site included aqueous waste containing hexavalent chromium and sludges containing metals.

CORTESE:

Region:	CORTESE
Envirostor Id:	1340118
Site/Facility Type:	STATE RESPONSE
Cleanup Status:	ACTIVE
Status Date:	05/02/2006
Site Code:	200882
Latitude:	37.820869
Longitude:	-122.27446
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:	335482
CERS ID:	01340118
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

DRAFT

CAL TECH METALS (Continued) **S110326384**

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

161
ENE
1/4-1/2
0.438 mi.
2311 ft.

NEIGHBORHOOD LAUNDROMAT
3838 WEST
OAKLAND, CA 94608

LUST **S102434304**
Alameda County CS **N/A**
HIST CORTESE
CERS

Relative:
Higher

Actual:
63 ft.

LUST:

Lead Agency:	ALAMEDA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101597
Global Id:	T0600101597
Latitude:	37.8284048
Longitude:	-122.2714352
Status:	Completed - Case Closed
Status Date:	03/31/2004
Case Worker:	Not reported
RB Case Number:	01-1726
Local Agency:	Not reported
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	RO0000242
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0600101597
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:	T0600101597
Action Type:	Other
Date:	01/08/1992
Action:	Leak Discovery
Global Id:	T0600101597
Action Type:	REMEDIATION

DRAFT

NEIGHBORHOOD LAUNDROMAT (Continued) **S102434304**

Date: 09/09/9999
Action: Not reported

Global Id: T0600101597
Action Type: Other
Date: 01/30/1992
Action: Leak Reported

LUST:
Global Id: T0600101597
Status: Open - Case Begin Date
Status Date: 01/08/1992

Global Id: T0600101597
Status: Open - Site Assessment
Status Date: 01/30/1992

Global Id: T0600101597
Status: Open - Site Assessment
Status Date: 08/13/1998

Global Id: T0600101597
Status: Completed - Case Closed
Status Date: 03/31/2004

LUST REG 2:
Region: 2
Facility Id: 01-1726
Facility Status: Preliminary site assessment underway
Case Number: 4262
How Discovered: Tank Closure
Leak Cause: Corrosion
Leak Source: Tank
Date Leak Confirmed: 8/22/1996
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: Case Closed
Record Id: RO0000242
PE: 5602
Facility Status: Case Closed
Latitude: 37.828342035
Longitude: -122.27129182

Status: Case Closed
Record Id: RO0000242
PE: 5602
Facility Status: Case Closed
Latitude: 37.828342035

DRAFT

NEIGHBORHOOD LAUNDROMAT (Continued) **S102434304**

Longitude: -122.27129182

Status: Case Closed
Record Id: RO0000242
PE: 5602
Facility Status: Case Closed
Latitude: 37.828342035
Longitude: -122.27129182

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-1726

CERS TANKS:
Site ID: 221809
CERS ID: T0600101597
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

AI162 **OWOW DEVELOPMENT** **Alameda County CS** **S122215745**
SSW **2715 ADELINE ST** **N/A**
1/4-1/2 **OAKLAND, CA 94607**
0.440 mi.
2323 ft. **Site 2 of 2 in cluster AI**

Relative:
Lower

Actual:
15 ft.

Alameda County CS:
Status: Not reported
Record Id: RO0003282
PE: Not reported
Facility Status: Not reported
Latitude: Not reported
Longitude: Not reported

DRAFT

AJ163 **CITY OF EMERYVILLE** **LUST** **S101580010**
NW **1333 PARK AVE** **Alameda County CS** **N/A**
1/4-1/2 **EMERYVILLE, CA 94608** **SWEEPS UST**
0.440 mi. **CA FID UST**
2323 ft. **Site 1 of 3 in cluster AJ** **HIST CORTESE**
CERS

Relative:
Lower

Actual:
22 ft.

LUST:

Lead Agency:	ALAMEDA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100368
Global Id:	T0600100368
Latitude:	37.83138
Longitude:	-122.284691
Status:	Completed - Case Closed
Status Date:	09/15/2008
Case Worker:	Not reported
RB Case Number:	01-0403
Local Agency:	Not reported
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	RO0000065
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0600100368
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:	T0600100368
Action Type:	Other
Date:	01/02/1992
Action:	Leak Discovery
Global Id:	T0600100368
Action Type:	Other
Date:	01/02/1992
Action:	Leak Stopped
Global Id:	T0600100368
Action Type:	Other
Date:	01/02/1992
Action:	Leak Reported
Global Id:	T0600100368
Action Type:	REMEDIATION
Date:	03/13/1992
Action:	Excavation
Global Id:	T0600100368
Action Type:	ENFORCEMENT
Date:	09/15/2008

DRAFT

CITY OF EMERYVILLE (Continued) **S101580010**

Action: Closure/No Further Action Letter - #20080915

LUST:

Global Id: T0600100368
Status: Open - Case Begin Date
Status Date: 01/02/1992

Global Id: T0600100368
Status: Open - Site Assessment
Status Date: 01/02/1992

Global Id: T0600100368
Status: Open - Site Assessment
Status Date: 01/16/1992

Global Id: T0600100368
Status: Open - Site Assessment
Status Date: 01/29/1992

Global Id: T0600100368
Status: Open - Site Assessment
Status Date: 05/29/1992

Global Id: T0600100368
Status: Completed - Case Closed
Status Date: 09/15/2008

LUST REG 2:

Region: 2
Facility Id: 01-0403
Facility Status: Preliminary site assessment underway
Case Number: 3638
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 7/3/1992
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: Pollution Characterization
Record Id: RO0000065
PE: 5602
Facility Status: Pollution Charaterization
Latitude: 37.831147707
Longitude: -122.28539797

Status: Pollution Characterization
Record Id: RO0000065
PE: 5602

DRAFT

CITY OF EMERYVILLE (Continued) **S101580010**

Facility Status: Pollution Charaterization
Latitude: 37.831147707
Longitude: -122.28539797

Status: Pollution Characterization
Record Id: RO0000065
PE: 5602
Facility Status: Pollution Charaterization
Latitude: 37.831147707
Longitude: -122.28539797

Status: Pollution Characterization
Record Id: RO0000065
PE: 5602
Facility Status: Pollution Charaterization
Latitude: 37.831147707
Longitude: -122.28539797

Status: Pollution Characterization
Record Id: RO0000065
PE: 5602
Facility Status: Pollution Charaterization
Latitude: 37.831147707
Longitude: -122.28539797

SWEEPS UST:
Status: Not reported
Comp Number: 45600
Number: Not reported
Board Of Equalization: 44-000438
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-000-045600-000001
Tank Status: Not reported
Capacity: 2000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 1

CA FID UST:
Facility ID: 01000531
Regulated By: UTNKI
Regulated ID: CAC006585
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4155964330
Mail To: Not reported
Mailing Address: 2200 POWELL ST
Mailing Address 2: Not reported
Mailing City,St,Zip: EMERYVILLE 94608
Contact: Not reported
Contact Phone: Not reported

DRAFT

CITY OF EMERYVILLE (Continued) **S101580010**

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: 01-0403

CERS TANKS:
Site ID: 247073
CERS ID: T0600100368
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

AK164 **FOSTER'S PLATING** **SEMS** **1012043058**
West **1570 34TH STREET** **LEAD SMELTERS** **CAN000908673**
1/4-1/2 **OAKLAND, CA 94607**
0.441 mi.
2326 ft. **Site 1 of 5 in cluster AK**

Relative:
Lower

Actual:
12 ft.

SEMS:
Site ID: 908673
EPA ID: CAN000908673
Cong District: Not reported
FIPS Code: 6001
Latitude: Not reported
Longitude: Not reported
FF: N
NPL: Not on the NPL
Non NPL Status: Removal Only Site (No Site Assessment Work Needed)

SEMS Detail:
Region: 9
Site ID: 908673
EPA ID: CAN000908673
Site Name: FOSTER'S PLATING
NPL: N
FF: N
OU: 0
Action Code: RV
Action Name: RMVL
SEQ: 1
Start Date: 2009-03-04 00:00:00

DRAFT

FOSTER'S PLATING (Continued) **1012043058**

Finish Date:	10/26/2009
Qual:	S
Current Action Lead:	EPA Perf

Lead Smelter Sites:

Site ID:	908673
Facility Region Id:	9
Latitude:	Not reported
Longitude:	Not reported
CoC Ind:	Y
Contaminant Name:	CADMIUM
FF Ind:	N
NAI:	N
Non-Primary Site-Sub Type:	Not reported
NPL:	Not on the NPL
Primary Site-Sub Type:	Primary metals/mineral processing (Manufacturing/Processing/Maintenance)
Special Initiative:	Not reported

Site ID:	908673
Facility Region Id:	9
Latitude:	Not reported
Longitude:	Not reported
CoC Ind:	Y
Contaminant Name:	SULFUR ACID
FF Ind:	N
NAI:	N
Non-Primary Site-Sub Type:	Not reported
NPL:	Not on the NPL
Primary Site-Sub Type:	Primary metals/mineral processing (Manufacturing/Processing/Maintenance)
Special Initiative:	Not reported

Site ID:	908673
Facility Region Id:	9
Latitude:	Not reported
Longitude:	Not reported
CoC Ind:	Y
Contaminant Name:	CYANIDE
FF Ind:	N
NAI:	N
Non-Primary Site-Sub Type:	Not reported
NPL:	Not on the NPL
Primary Site-Sub Type:	Primary metals/mineral processing (Manufacturing/Processing/Maintenance)
Special Initiative:	Not reported

Site ID:	908673
Facility Region Id:	9
Latitude:	Not reported
Longitude:	Not reported
CoC Ind:	Y
Contaminant Name:	SODIUM HYDROXIDE
FF Ind:	N
NAI:	N
Non-Primary Site-Sub Type:	Not reported

DRAFT

FOSTER'S PLATING (Continued) **1012043058**

NPL:	Not on the NPL
Primary Site-Sub Type:	Primary metals/mineral processing (Manufacturing/Processing/Maintenance)
Special Initiative:	Not reported
Site ID:	908673
Facility Region Id:	9
Latitude:	Not reported
Longitude:	Not reported
CoC Ind:	Y
Contaminant Name:	NITRIC ACID
FF Ind:	N
NAI:	N
Non-Primary Site-Sub Type:	Not reported
NPL:	Not on the NPL
Primary Site-Sub Type:	Primary metals/mineral processing (Manufacturing/Processing/Maintenance)
Special Initiative:	Not reported
Site ID:	908673
Facility Region Id:	9
Latitude:	Not reported
Longitude:	Not reported
CoC Ind:	Y
Contaminant Name:	CHROMIUM
FF Ind:	N
NAI:	N
Non-Primary Site-Sub Type:	Not reported
NPL:	Not on the NPL
Primary Site-Sub Type:	Primary metals/mineral processing (Manufacturing/Processing/Maintenance)
Special Initiative:	Not reported

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165 WSW 1/4-1/2 0.443 mi. 2338 ft.

J H FITZMAURICE INC
2857 HANNAH
OAKLAND, CA 94608

LUST **S103472358**
Alameda County CS **N/A**
HIST CORTESE
CERS

Relative: Lower

Actual: 12 ft.

LUST:

Lead Agency:	ALAMEDA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100747
Global Id:	T0600100747
Latitude:	37.8226971
Longitude:	-122.2866107
Status:	Completed - Case Closed
Status Date:	12/01/1995
Case Worker:	Not reported
RB Case Number:	01-0811
Local Agency:	Not reported
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	RO0000561
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

DRAFT

J H FITZMAURICE INC (Continued) **S103472358**

Global Id: T0600100747
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: T0600100747
Action Type: REMEDIATION
Date: 12/21/1989
Action: Excavation

Global Id: T0600100747
Action Type: Other
Date: 06/17/1991
Action: Leak Reported

LUST:
Global Id: T0600100747
Status: Open - Case Begin Date
Status Date: 06/17/1991

Global Id: T0600100747
Status: Completed - Case Closed
Status Date: 12/01/1995

LUST REG 2:
Region: 2
Facility Id: 01-0811
Facility Status: Case Closed
Case Number: 3248
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: 12/22/1994
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

Alameda County CS:
Status: Case Closed
Record Id: RO0000561
PE: 5602
Facility Status: Case Closed
Latitude: 37.821552183
Longitude: -122.28636904

DRAFT

J H FITZMAURICE INC (Continued) **S103472358**

HIST CORTESE:

Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-0811

CERS TANKS:

Site ID:	202015
CERS ID:	T0600100747
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

AL166 **OAKLAND NATIONAL ENGRAVING** **CPS-SLIC** **S100856774**
NNE **1001 42ND ST** **HAZNET** **N/A**
1/4-1/2 **OAKLAND, CA 94601**
0.444 mi.
2344 ft. **Site 1 of 2 in cluster AL**

Relative:
Higher

Actual:
57 ft.

SLIC REG 2:

Region:	2
Facility ID:	01S0137
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:	10/24/1988
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

HAZNET:

envid:	S100856774
Year:	2016
GEPAID:	CAL000402649
Contact:	TRIPP HELLER
Telephone:	5107899917
Mailing Name:	Not reported
Mailing Address:	1001 42ND ST STE 200
Mailing City,St,Zip:	OAKLAND, CA 946083620
Gen County:	Alameda
TSD EPA ID:	CAD060398229

DRAFT

OAKLAND NATIONAL ENGRAVING (Continued) **S100856774**

TSD County:	Los Angeles
Waste Category:	Liquids with pH <= 2 with metals
Disposal Method:	Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons:	0.1585
Cat Decode:	Liquids with pH <= 2 with metals
Method Decode:	Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Facility County:	Alameda

AL167 **OAKLAND NATIONAL ENGRAVERS** **ENVIROSTOR** **S101293788**
NNE **1001 42ND ST** **LUST** **N/A**
1/4-1/2 **OAKLAND, CA 94608** **Alameda County CS**
0.444 mi. **SCH**
2344 ft. **Site 2 of 2 in cluster AL** **HIST CORTESE**
CERS

Relative:
Higher

Actual:
57 ft.

ENVIROSTOR:

Facility ID:	60001222
Status:	Inactive - Withdrawn
Status Date:	01/22/2013
Site Code:	204237
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	1
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Juan Koponen
Division Branch:	Northern California Schools & Santa Susana
Assembly:	15
Senate:	09
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	37.83256
Longitude:	-122.2770
APN:	NONE SPECIFIED
Past Use:	ABOVE GROUND STORAGE TANKS, PAINT/DEPAINT FACILITY, UNDERGROUND STORAGE TANKS
Potential COC:	Under Investigation Arsenic Chlordane DDD DDE DDT Endrin Lead Polychlorinated biphenyls (PCBs Polynuclear aromatic hydrocarbons (PAHs Silver Toxaphene TPH-diesel Antimony and compounds Barium and compounds Beryllium and compounds Cadmium and compounds Chromium III Cobalt Copper and compounds Dieldrin Iron Manganese and compounds Mercury and compounds Molybdenum Nickel Polychlorinated biphenyls (PCBs, see IRIS Polynuclear aromatic hydrocarbons (PAHs Thallium and compounds Tin Titanium Vanadium and compounds Zinc
Confirmed COC:	30001-NO 30004-NO 30013-NO 30006-NO 30007-NO 30008-NO 30010-NO 30542-NO 30548-NO 30549-NO 30019-NO TPH-diesel 30058-NO 30067-NO 30468-NO 30472-NO 30353-NO 30357-NO 30108-NO 30152-NO 30156-NO 30207-NO 30402-NO 30407-NO 30587-NO 30594-NO 30018-NO 30021-NO 30023-NO 30335-NO 30080-NO 30154-NO Under Investigation
Potential Description:	OTH, SOIL, SV
Alias Name:	204237
Alias Type:	Project Code (Site Code)
Alias Name:	60001222
Alias Type:	Envirostor ID Number

DRAFT

OAKLAND NATIONAL ENGRAVERS (Continued) **S101293788**

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	08/04/2011
Comments:	CRU signed 8/4/2011.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Reimbursement Agreement
Completed Date:	01/06/2010
Comments:	Reimbursement Agreement signed and mailed fully executed agreement

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Inactive Status Letter
Completed Date:	08/04/2011
Comments:	Site has been inactive for 12 months. DTSC closed the project with a "drop site" letter.

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:	SAN FRANCISCO BAY RWQCB (REGION 2)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101659
Global Id:	T0600101659
Latitude:	37.8323275231033
Longitude:	-122.277064919472
Status:	Completed - Case Closed
Status Date:	01/19/2018
Case Worker:	MEJ
RB Case Number:	01-1791
Local Agency:	Not reported
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	RO0000079
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Other Chlorinated Hydrocarbons, Gasoline, Stoddard solvent / Mineral Spriits / Distillates
Site History:	One UST was removed from the site in 1987 and one UST was closed in place in 1993. TPHms and BTEX were detected in soil beneath the site during the UST removal. Between 1990 and 1993 groundwater monitoring wells were installed beneath the site to evaluate the dissolved phase plume. SPH was detected in onsite wells as recently as 2005, and significantly elevated levels of TPHms is present in soil throughout the site. 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. The subject site

DRAFT

OAKLAND NATIONAL ENGRAVERS (Continued) **S101293788**

is one of seven sites with a co-mingled soil and groundwater contaminant plumes sites (Oakland National Engravers; RO0000079; Dunne Quality Paints; RO0000073; San Francisco French Bread Company; RO0000171; Celis Service Station; RO0000453; SNK Andante; RO0002530; Oak Walk; RO0002733, and Magnolia Terrace; RO0003004). The groundwater contaminant plume extends a minimum distance of approximately 1,200 feet in length (see attached paleochannel figure). The soil and groundwater plumes appear to have moved through a series of granular paleochannels (with significant interconnectivity) that is present beneath the sites. The subject site appears to have been contributed contamination to all downgradient sites (San Francisco French Bread Company; RO0000171; Celis Service Station; RO0000453; SNK Andante; RO0002530; and Oak Walk; RO0002733). The subject site, in addition to the adjacent Dunne Quality Paints site (RO0000073) appears to have contaminated groundwater beneath an innocent residential landowner (four Victorian homes; Ennis Properties) with free-phase concentrations of mineral spirits, and the adjacent Magnolia Terrace (RO0003004) with lower contaminant loads. Free-phase remains in two wells that are offsite and no attempts to recover the product have been undertaken despite multiple requests. Additionally the Department of Toxic Substance Control (DTSC) reviewed the site at the request of the property owners representative and discovered multiple deficiencies in the scope of contaminant characterization DTSC would require to be investigated for use as a potential school site. Included in this area of concern is the apparent discharge of solvents by a former furniture stripping company tenant to a drain line that appears to have been previously severed by the removal of an underground storage tank (however, additional contaminants also appear to require investigation). Finally partly based on contaminant distribution, additional sources of contamination appear to be present beneath the site and buildings that have not been investigated. A pilot test was approved in July 2010; however, a report has not been submitted despite multiple requests and extensions. Multiple late letters and Notices of Violation have been issued; however, no progress has been made (December 16, 2010, and November 28, 2011). Please refer to the electronic case file for these details.

LUST:

Global Id:	T0600101659
Contact Type:	Regional Board Caseworker
Contact Name:	MARK JOHNSON
Organization Name:	SAN FRANCISCO BAY RWQCB (REGION 2)
Address:	1515 CLAY STREET, SUITE 1400
City:	OAKLAND
Email:	mjohnson@waterboards.ca.gov
Phone Number:	Not reported

LUST:

Global Id:	T0600101659
Action Type:	ENFORCEMENT
Date:	11/28/2011
Action:	Notice to Comply - #20111128
Global Id:	T0600101659
Action Type:	ENFORCEMENT
Date:	04/30/2007

OAKLAND NATIONAL ENGRAVERS (Continued) **S101293788**

Action: Staff Letter - #20070430

Global Id: T0600101659
Action Type: RESPONSE
Date: 12/27/2017
Action: Other Report / Document

Global Id: T0600101659
Action Type: RESPONSE
Date: 05/07/2006
Action: Monitoring Report - Semi-Annually

Global Id: T0600101659
Action Type: RESPONSE
Date: 05/07/2006
Action: Monitoring Report - Semi-Annually

Global Id: T0600101659
Action Type: ENFORCEMENT
Date: 03/04/2010
Action: Staff Letter

Global Id: T0600101659
Action Type: ENFORCEMENT
Date: 05/26/2006
Action: Staff Letter - #20060526

Global Id: T0600101659
Action Type: RESPONSE
Date: 05/03/2010
Action: Pilot Study / Treatability Workplan

Global Id: T0600101659
Action Type: RESPONSE
Date: 07/30/2010
Action: Soil and Water Investigation Workplan - Addendum

Global Id: T0600101659
Action Type: Other
Date: 06/18/1987
Action: Leak Stopped

Global Id: T0600101659
Action Type: ENFORCEMENT
Date: 03/02/2011
Action: Staff Letter

Global Id: T0600101659
Action Type: ENFORCEMENT
Date: 09/13/2007
Action: Staff Letter - #20070913

Global Id: T0600101659
Action Type: ENFORCEMENT
Date: 10/12/2006
Action: Staff Letter - #20061012

DRAFT

OAKLAND NATIONAL ENGRAVERS (Continued) **S101293788**

Global Id: T0600101659
Action Type: Other
Date: 04/03/1987
Action: Leak Discovery

Global Id: T0600101659
Action Type: RESPONSE
Date: 12/12/2011
Action: Electronic Reporting Submittal Due

Global Id: T0600101659
Action Type: RESPONSE
Date: 01/09/2012
Action: Pilot Study/ Treatability Report

Global Id: T0600101659
Action Type: RESPONSE
Date: 01/09/2012
Action: Soil and Water Investigation Workplan

Global Id: T0600101659
Action Type: RESPONSE
Date: 02/10/2012
Action: Monitoring Report - Quarterly

Global Id: T0600101659
Action Type: REMEDIATION
Date: 05/11/1993
Action: Excavation

Global Id: T0600101659
Action Type: RESPONSE
Date: 12/18/2017
Action: Other Report / Document

Global Id: T0600101659
Action Type: RESPONSE
Date: 11/01/2013
Action: CAP/RAP - Final Remediation / Design Plan - Regulator Responded

Global Id: T0600101659
Action Type: ENFORCEMENT
Date: 06/11/2012
Action: Referral to Regional Board - #20120611

Global Id: T0600101659
Action Type: ENFORCEMENT
Date: 11/16/2009
Action: File review

Global Id: T0600101659
Action Type: ENFORCEMENT
Date: 07/13/2009
Action: Staff Letter - #20090713

Global Id: T0600101659
Action Type: ENFORCEMENT

DRAFT

OAKLAND NATIONAL ENGRAVERS (Continued) **S101293788**

Date: 07/24/2009
Action: Staff Letter - #20090724

Global Id: T0600101659
Action Type: ENFORCEMENT
Date: 12/16/2013
Action: Staff Letter

Global Id: T0600101659
Action Type: ENFORCEMENT
Date: 05/01/2008
Action: Staff Letter - #20080501

Global Id: T0600101659
Action Type: ENFORCEMENT
Date: 12/16/2010
Action: Notice to Comply

Global Id: T0600101659
Action Type: ENFORCEMENT
Date: 01/19/2018
Action: Closure/No Further Action Letter

Global Id: T0600101659
Action Type: ENFORCEMENT
Date: 03/23/2015
Action: Staff Letter

Global Id: T0600101659
Action Type: RESPONSE
Date: 08/17/2015
Action: Corrective Action Plan / Remedial Action Plan - Addendum - Regulator Responded

Global Id: T0600101659
Action Type: RESPONSE
Date: 11/08/2007
Action: Correspondence

Global Id: T0600101659
Action Type: RESPONSE
Date: 01/24/2008
Action: Correspondence

Global Id: T0600101659
Action Type: RESPONSE
Date: 12/11/2000
Action: Other Report / Document

Global Id: T0600101659
Action Type: RESPONSE
Date: 10/19/2007
Action: Correspondence

Global Id: T0600101659
Action Type: RESPONSE
Date: 11/02/2007
Action: Correspondence

DRAFT

OAKLAND NATIONAL ENGRAVERS (Continued) **S101293788**

Global Id: T0600101659
Action Type: RESPONSE
Date: 02/18/2010
Action: Correspondence

Global Id: T0600101659
Action Type: RESPONSE
Date: 05/02/1995
Action: Tank Removal Report / UST Sampling Report

Global Id: T0600101659
Action Type: RESPONSE
Date: 03/17/2010
Action: Correspondence

Global Id: T0600101659
Action Type: RESPONSE
Date: 11/27/1995
Action: Tank Removal Report / UST Sampling Report

Global Id: T0600101659
Action Type: RESPONSE
Date: 02/18/2010
Action: Correspondence

Global Id: T0600101659
Action Type: RESPONSE
Date: 06/30/2010
Action: Correspondence

Global Id: T0600101659
Action Type: RESPONSE
Date: 09/27/2006
Action: Soil and Water Investigation Report

Global Id: T0600101659
Action Type: RESPONSE
Date: 04/30/2007
Action: Correspondence

Global Id: T0600101659
Action Type: RESPONSE
Date: 11/17/2006
Action: Soil and Water Investigation Workplan

Global Id: T0600101659
Action Type: RESPONSE
Date: 06/28/2006
Action: Soil and Water Investigation Report

Global Id: T0600101659
Action Type: RESPONSE
Date: 08/30/2006
Action: Soil and Water Investigation Report

Global Id: T0600101659
Action Type: RESPONSE

DRAFT

OAKLAND NATIONAL ENGRAVERS (Continued) **S101293788**

Date: 01/29/2010
Action: Correspondence

Global Id: T0600101659
Action Type: ENFORCEMENT
Date: 03/13/2008
Action: File review - #20080313

Global Id: T0600101659
Action Type: Other
Date: 05/28/1987
Action: Leak Reported

Global Id: T0600101659
Action Type: RESPONSE
Date: 07/21/2000
Action: Soil and Water Investigation Report

Global Id: T0600101659
Action Type: RESPONSE
Date: 10/05/1992
Action: Tank Removal Report / UST Sampling Report

Global Id: T0600101659
Action Type: RESPONSE
Date: 02/01/2002
Action: Risk Assessment Report

Global Id: T0600101659
Action Type: RESPONSE
Date: 04/30/2003
Action: Correspondence

Global Id: T0600101659
Action Type: ENFORCEMENT
Date: 07/18/2016
Action: Staff Letter

Global Id: T0600101659
Action Type: ENFORCEMENT
Date: 08/29/2016
Action: Notification - Preclosure

Global Id: T0600101659
Action Type: RESPONSE
Date: 03/19/1998
Action: Other Report / Document

Global Id: T0600101659
Action Type: RESPONSE
Date: 09/14/1994
Action: Soil and Water Investigation Report

Global Id: T0600101659
Action Type: RESPONSE
Date: 08/16/1993
Action: Tank Removal Report / UST Sampling Report

DRAFT

OAKLAND NATIONAL ENGRAVERS (Continued) **S101293788**

Global Id: T0600101659
Action Type: RESPONSE
Date: 05/03/2010
Action: Soil and Water Investigation Workplan - Addendum

Global Id: T0600101659
Action Type: RESPONSE
Date: 10/22/2004
Action: Other Report / Document

Global Id: T0600101659
Action Type: RESPONSE
Date: 12/11/2000
Action: Unknown

Global Id: T0600101659
Action Type: RESPONSE
Date: 05/06/1990
Action: Soil and Water Investigation Report

Global Id: T0600101659
Action Type: RESPONSE
Date: 08/08/2005
Action: Monitoring Report - Quarterly

Global Id: T0600101659
Action Type: ENFORCEMENT
Date: 07/01/2010
Action: Staff Letter

Global Id: T0600101659
Action Type: RESPONSE
Date: 06/17/2011
Action: Pilot Study/ Treatability Report

Global Id: T0600101659
Action Type: RESPONSE
Date: 06/03/2011
Action: Monitoring Report - Quarterly

Global Id: T0600101659
Action Type: RESPONSE
Date: 03/15/2016
Action: Request for Closure - Regulator Responded

Global Id: T0600101659
Action Type: RESPONSE
Date: 05/23/2005
Action: Monitoring Report - Quarterly

Global Id: T0600101659
Action Type: RESPONSE
Date: 06/29/2007
Action: Risk Assessment Report

LUST:
Global Id: T0600101659

DRAFT

OAKLAND NATIONAL ENGRAVERS (Continued) **S101293788**

Status: Open - Case Begin Date
Status Date: 06/25/1987

Global Id: T0600101659
Status: Open - Site Assessment
Status Date: 06/25/1987

Global Id: T0600101659
Status: Open - Site Assessment
Status Date: 05/13/1993

Global Id: T0600101659
Status: Open - Site Assessment
Status Date: 12/15/1999

Global Id: T0600101659
Status: Open - Eligible for Closure
Status Date: 09/14/2017

Global Id: T0600101659
Status: Completed - Case Closed
Status Date: 01/19/2018

Alameda County CS:

Status: Pollution Characterization
Record Id: RO0000079
PE: 5602
Facility Status: Pollution Charaterization
Latitude: Not reported
Longitude: Not reported

Status: Pollution Characterization
Record Id: RO0000079
PE: 5602
Facility Status: Pollution Charaterization
Latitude: Not reported
Longitude: Not reported

Status: Pollution Characterization
Record Id: RO0000079
PE: 5602
Facility Status: Pollution Charaterization
Latitude: Not reported
Longitude: Not reported

Status: Pollution Characterization
Record Id: RO0000079
PE: 5602
Facility Status: Pollution Charaterization
Latitude: Not reported
Longitude: Not reported

SCH:

Facility ID: 60001222

DRAFT

OAKLAND NATIONAL ENGRAVERS (Continued) **S101293788**

Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	1
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	Juan Koponen
Division Branch:	Northern California Schools & Santa Susana
Site Code:	204237
Assembly:	15
Senate:	09
Special Program Status:	Not reported
Status:	Inactive - Withdrawn
Status Date:	01/22/2013
Restricted Use:	NO
Funding:	Responsible Party
Latitude:	37.83256
Longitude:	-122.2770
APN:	NONE SPECIFIED
Past Use:	ABOVE GROUND STORAGE TANKS, PAINT/DEPAINT FACILITY, UNDERGROUND STORAGE TANKS
Potential COC:	Under Investigation, Arsenic, Chlordane, DDD, DDE, DDT, Endrin, Lead, Polychlorinated biphenyls (PCBs, Polynuclear aromatic hydrocarbons (PAHs, Silver, Toxaphene, TPH-diesel, Antimony and compounds, Barium and compounds, Beryllium and compounds, Cadmium and compounds, Chromium III, Cobalt, Copper and compounds, Dieldrin, Iron, Manganese and compounds, Mercury and compounds, Molybdenum, Nickel, Polychlorinated biphenyls (PCBs, see IRIS, Polynuclear aromatic hydrocarbons (PAHs, Thallium and compounds, Tin, Titanium, Vanadium and compounds, Zinc
Confirmed COC:	30001-NO, 30004-NO, 30013-NO, 30006-NO, 30007-NO, 30008-NO, 30010-NO, 30542-NO, 30548-NO, 30549-NO, 30019-NO, TPH-diesel, 30058-NO, 30067-NO, 30468-NO, 30472-NO, 30353-NO, 30357-NO, 30108-NO, 30152-NO, 30156-NO, 30207-NO, 30402-NO, 30407-NO, 30587-NO, 30594-NO, 30018-NO, 30021-NO, 30023-NO, 30335-NO, 30080-NO, 30154-NO, Under Investigation
Potential Description:	OTH, SOIL, SV
Alias Name:	204237
Alias Type:	Project Code (Site Code)
Alias Name:	60001222
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	08/04/2011
Comments:	CRU signed 8/4/2011.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Reimbursement Agreement
Completed Date:	01/06/2010
Comments:	Reimbursement Agreement signed and mailed fully executed agreement

DRAFT

OAKLAND NATIONAL ENGRAVERS (Continued) **S101293788**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Inactive Status Letter
Completed Date: 08/04/2011
Comments: Site has been inactive for 12 months. DTSC closed the project with a "drop site" letter.

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: 01-1791

CERS TANKS:
Site ID: 197791
CERS ID: T0600101659
CERS Description: Leaking Underground Storage Tank Cleanup 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

AM168 **NONE** **LUST** **S100179268**
SW **1229 28TH** **Alameda County CS** **N/A**
1/4-1/2 **OAKLAND, CA 92626** **HIST CORTESE**
0.446 mi. **Notify 65**
2355 ft. **Site 1 of 2 in cluster AM** **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=T0600100047
Global Id: T0600100047
Latitude: 37.820513
Longitude: -122.284223
Status: Completed - Case Closed
Status Date: 03/18/1998
Case Worker: Not reported
RB Case Number: 01-0053

DRAFT

NONE (Continued) **S100179268**

Local Agency: Not reported
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: RO0000978
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Diesel
Site History: Not reported

LUST:
Global Id: T0600100047
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: T0600100047
Action Type: ENFORCEMENT
Date: 03/10/1998
Action: Closure/No Further Action Letter

Global Id: T0600100047
Action Type: REMEDIATION
Date: 09/09/9999
Action: Not reported

Global Id: T0600100047
Action Type: Other
Date: 08/15/1989
Action: Leak Reported

LUST:
Global Id: T0600100047
Status: Open - Case Begin Date
Status Date: 08/15/1989

Global Id: T0600100047
Status: Completed - Case Closed
Status Date: 03/18/1998

Alameda County CS:
Status: Case Closed
Record Id: RO0000978
PE: 5602
Facility Status: Case Closed
Latitude: 37.820538002
Longitude: -122.28401837

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-0053

DRAFT

NONE (Continued) **S100179268**

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:	242838
CERS ID:	T0600100047
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

---

169 West 1/4-1/2 0.448 mi. 2365 ft. **OAKLAND TERMINAL RAILWAY PROPERTY**
HWY 80/HWY 580 INTERCHANGE S OF EMERYVIL
OAKLAND, CA

CPS-SLIC **S106234893**
CERS **N/A**

Relative: Lower
Actual: 12 ft.

CPS-SLIC:

Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	07/01/2002
Global Id:	SL1823M1136
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number:	Not reported
Latitude:	37.8273448004205
Longitude:	-122.288045883179
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	01S0542
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:	01S0542
Facility Status:	Case Closed
Date Closed:	Not reported

DRAFT

OAKLAND TERMINAL RAILWAY PROPERTY (Continued) **S106234893**

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

CERS TANKS:
Site ID: 204071
CERS ID: SL1823M1136
CERS Description: Cleanup Program Site

---

170 South 1/4-1/2 0.449 mi. 2369 ft. | **GOLDEN STATE LINEN SERVIC**
958 28TH
OAKLAND, CA 94608 | **LUST** **S103677253**
Alameda County CS **N/A**
HIST UST
HIST CORTESE
CERS

Relative: Lower
Actual: 24 ft.

LUST:
Lead Agency: ALAMEDA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100080
Global Id: T0600100080
Latitude: 37.8193761
Longitude: -122.2782262
Status: Completed - Case Closed
Status Date: 02/05/1996
Case Worker: Not reported
RB Case Number: 01-0087
Local Agency: Not reported
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: RO0001078
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0600100080
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: T0600100080
Action Type: ENFORCEMENT
Date: 01/02/1996
Action: Closure/No Further Action Letter

DRAFT

GOLDEN STATE LINEN SERVIC (Continued) **S103677253**

Global Id: T0600100080
Action Type: Other
Date: 05/24/1988
Action: Leak Reported

Global Id: T0600100080
Action Type: REMEDIATION
Date: 02/01/1994
Action: Excavation

LUST:
Global Id: T0600100080
Status: Open - Case Begin Date
Status Date: 05/24/1988

Global Id: T0600100080
Status: Completed - Case Closed
Status Date: 02/05/1996

Alameda County CS:
Status: Case Closed
Record Id: RO0001078
PE: 5602
Facility Status: Case Closed
Latitude: 37.819490605
Longitude: -122.2781886

HIST UST:
File Number: 00036285
URL: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00036285.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

DRAFT

GOLDEN STATE LINEN SERVIC (Continued) **S103677253**

Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-0087

CERS TANKS:
Site ID: 255896
CERS ID: T0600100080
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

AH171 **TUNE-UP MASTERS #318** **LUST** **S103472398**
SSE **2901 SAN PABLO** **Alameda County CS** **N/A**
1/4-1/2 **OAKLAND, CA 94608** **HIST CORTESE**
0.452 mi. **CERS**
2389 ft. **Site 4 of 4 in cluster AH**

Relative:
Lower

Actual:
28 ft.

LUST:
Lead Agency: ALAMEDA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101679
Global Id: T0600101679
Latitude: 37.81975
Longitude: -122.276497
Status: Completed - Case Closed
Status Date: 07/13/1995
Case Worker: Not reported
RB Case Number: 01-1811
Local Agency: Not reported
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: RO0001188
Potential Media Affect: Soil
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

LUST:
Global Id: T0600101679
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: T0600101679
Action Type: REMEDIATION

DRAFT

TUNE-UP MASTERS #318 (Continued) **S103472398**

Date: 09/09/9999
Action: Excavation

Global Id: T0600101679
Action Type: Other
Date: 05/15/1990
Action: Leak Reported

LUST:
Global Id: T0600101679
Status: Open - Case Begin Date
Status Date: 05/15/1990

Global Id: T0600101679
Status: Completed - Case Closed
Status Date: 07/13/1995

LUST REG 2:
Region: 2
Facility Id: 01-1811
Facility Status: Case Closed
Case Number: 388
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: Not reported
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

Alameda County CS:
Status: Case Closed
Record Id: RO0001188
PE: 5602
Facility Status: Case Closed
Latitude: 37.81951863
Longitude: -122.27634447

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-1811

CERS TANKS:
Site ID: 227947
CERS ID: T0600101679
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

DRAFT

TUNE-UP MASTERS #318 (Continued) **S103472398**

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

AN172 **EMERYVILLE REDEVELOPMENT** **LUST** **S104156773**
North **4300 SAN PABLO** **Alameda County CS** **N/A**
1/4-1/2 **EMERYVILLE, CA 94608** **CERS**
0.465 mi.
2457 ft. **Site 1 of 2 in cluster AN**

Relative:
Higher

Actual:
46 ft.

LUST:

Lead Agency:	ALAMEDA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100369
Global Id:	T0600100369
Latitude:	37.83343
Longitude:	-122.279782
Status:	Completed - Case Closed
Status Date:	05/31/1996
Case Worker:	Not reported
RB Case Number:	01-0404
Local Agency:	Not reported
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	RO0000860
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0600100369
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:	T0600100369
Action Type:	REMEDIATION
Date:	07/01/1990
Action:	Excavation

Global Id:	T0600100369
Action Type:	Other
Date:	08/02/1990
Action:	Leak Reported

LUST:

DRAFT

EMERYVILLE REDEVELOPMENT (Continued) **S104156773**

Global Id: T0600100369
Status: Open - Case Begin Date
Status Date: 08/02/1990

Global Id: T0600100369
Status: Completed - Case Closed
Status Date: 05/31/1996

LUST REG 2:
Region: 2
Facility Id: 01-0404
Facility Status: Case Closed
Case Number: 4266
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: 10/13/1992
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 6/4/1990
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: RO0000860
PE: 5602
Facility Status: Case Closed
Latitude: 37.833849956
Longitude: -122.2805915

CERS TANKS:
Site ID: 232616
CERS ID: T0600100369
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

DRAFT

AK173 **CONSTRUCTION YARD** **LUST** **S101630367**
West **3428 ETTIE ST** **Alameda County CS** **N/A**
1/4-1/2 **OAKLAND, CA 94608** **SWEEPS UST**
0.469 mi. **HIST UST**
2474 ft. **Site 2 of 5 in cluster AK** **CA FID UST**
HIST CORTESE
Relative: **CERS**
Lower
Actual:
11 ft.

LUST:

Lead Agency:	ALAMEDA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101390
Global Id:	T0600101390
Latitude:	37.825892
Longitude:	-122.287909
Status:	Completed - Case Closed
Status Date:	01/05/2009
Case Worker:	Not reported
RB Case Number:	01-1506
Local Agency:	Not reported
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	RO0000128
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Diesel, Gasoline
Site History:	Not reported

LUST:

Global Id:	T0600101390
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:	T0600101390
Action Type:	ENFORCEMENT
Date:	01/05/2009
Action:	Closure/No Further Action Letter - #20090105
Global Id:	T0600101390
Action Type:	Other
Date:	05/16/1990
Action:	Leak Stopped
Global Id:	T0600101390
Action Type:	REMEDIATION
Date:	05/16/1990
Action:	Excavation
Global Id:	T0600101390
Action Type:	ENFORCEMENT
Date:	12/05/2008
Action:	Technical Correspondence / Assistance / Other - #20081205
Global Id:	T0600101390
Action Type:	Other

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CONSTRUCTION YARD (Continued) **S101630367**

Date: 08/10/1990
Action: Leak Reported

Global Id: T0600101390
Action Type: Other
Date: 05/22/1990
Action: Leak Discovery

Global Id: T0600101390
Action Type: ENFORCEMENT
Date: 07/03/2008
Action: Technical Correspondence / Assistance / Other - #20080703

Global Id: T0600101390
Action Type: ENFORCEMENT
Date: 09/15/2008
Action: Technical Correspondence / Assistance / Other - #20080915

LUST:
Global Id: T0600101390
Status: Open - Case Begin Date
Status Date: 05/16/1990

Global Id: T0600101390
Status: Open - Remediation
Status Date: 06/22/1990

Global Id: T0600101390
Status: Open - Site Assessment
Status Date: 08/10/1990

Global Id: T0600101390
Status: Open - Site Assessment
Status Date: 05/18/1992

Global Id: T0600101390
Status: Open - Site Assessment
Status Date: 05/19/1992

Global Id: T0600101390
Status: Open - Site Assessment
Status Date: 07/08/1992

Global Id: T0600101390
Status: Completed - Case Closed
Status Date: 01/05/2009

Alameda County CS:
Status: Preliminary Site Assessment Underway
Record Id: RO0000128
PE: 5602
Facility Status: Preliminary Site Assessment Underway
Latitude: Not reported
Longitude: Not reported

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CONSTRUCTION YARD (Continued) **S101630367**

Status: Preliminary Site Assessment Underway
Record Id: RO0000128
PE: 5602
Facility Status: Preliminary Site Assessment Underway
Latitude: Not reported
Longitude: Not reported

Status: Preliminary Site Assessment Underway
Record Id: RO0000128
PE: 5602
Facility Status: Preliminary Site Assessment Underway
Latitude: Not reported
Longitude: Not reported

Status: Preliminary Site Assessment Underway
Record Id: RO0000128
PE: 5602
Facility Status: Preliminary Site Assessment Underway
Latitude: Not reported
Longitude: Not reported

Status: Preliminary Site Assessment Underway
Record Id: RO0000128
PE: 5602
Facility Status: Preliminary Site Assessment Underway
Latitude: Not reported
Longitude: Not reported

Status: Preliminary Site Assessment Underway
Record Id: RO0000128
PE: 5602
Facility Status: Preliminary Site Assessment Underway
Latitude: Not reported
Longitude: Not reported

Status: Preliminary Site Assessment Underway
Record Id: RO0000128
PE: 5602
Facility Status: Preliminary Site Assessment Underway
Latitude: Not reported
Longitude: Not reported

SWEEPS UST:
Status: Not reported
Comp Number: 1837
Number: Not reported
Board Of Equalization: 44-000033
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-000-001837-000001
Tank Status: Not reported
Capacity: 4000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT

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CONSTRUCTION YARD (Continued) **S101630367**

Content:	DIESEL
Number Of Tanks:	3

Status:	Not reported
Comp Number:	1837
Number:	Not reported
Board Of Equalization:	44-000033
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	01-000-001837-000002
Tank Status:	Not reported
Capacity:	550
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	Not reported

Status:	Not reported
Comp Number:	1837
Number:	Not reported
Board Of Equalization:	44-000033
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	01-000-001837-000003
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:	00036401
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00036401.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

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CONSTRUCTION YARD (Continued) **S101630367**

Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

CA FID UST:
Facility ID: 01001627
Regulated By: UTNKI
Regulated ID: 00001837
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4156553400
Mail To: Not reported
Mailing Address: 3428 ETTIE ST
Mailing Address 2: Not reported
Mailing City,St,Zip: OAKLAND 94608
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: 01-1506

CERS TANKS:
Site ID: 221090
CERS ID: T0600101390
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

DRAFT

AK174
West
1/4-1/2
0.469 mi.
2474 ft.

TULLUCH CONSTRUCTION COMPANY
3428 ETTIE ST
OAKLAND, CA 94608

Site 3 of 5 in cluster AK

LUST **S102439293**
N/A

Relative:
Lower

Actual:
11 ft.

LUST REG 2:

Region:	2
Facility Id:	01-1506
Facility Status:	Pollution Characterization
Case Number:	3699
How Discovered:	Tank Closure
Leak Cause:	Structure Failure
Leak Source:	Tank
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	Not reported
Pollution Characterization Began:	12/21/1989
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

175
WNW
1/4-1/2
0.470 mi.
2479 ft.

WEYERHAEUSER CO
4050 HORTON
EMERYVILLE, CA 94608

ENVIROSTOR
LUST
Alameda County CS
SWEEPS UST
CA FID UST
HIST CORTESE
CERS

S101630370
N/A

Relative:
Lower

Actual:
16 ft.

ENVIROSTOR:

Facility ID:	60000401
Status:	Refer: Local Agency
Status Date:	05/04/2006
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	0.69
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Claude Jemison
Supervisor:	Karen Toth
Division Branch:	Cleanup Berkeley
Assembly:	15
Senate:	09
Special Program:	EPA - PASI
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	37.83021
Longitude:	-122.2874
APN:	049 061701602
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	049 061701602
Alias Type:	APN

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WEYERHAEUSER CO (Continued) **S101630370**

Alias Name: 60000401
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 05/04/2006
Comments: No present state or local agencies involvement. Alameda County Health Department certify that site is cleaned.

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=T10000004352
Global Id: T10000004352
Latitude: 37.8299972099916
Longitude: -122.287375330925
Status: Completed - Case Closed
Status Date: 06/27/2013
Case Worker: MD
RB Case Number: Not reported
Local Agency: ALAMEDA COUNTY LOP
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: RO0003103
Potential Media Affect: Soil
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
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. The site is a senior residential board and care facility located at the corner of 40th Street and Horton Street in Emeryville, CA. Surrounding land use is commercial. Soils observed during the excavation were primarily clay. A heating oil underground storage tank (UST) was installed on the property at an unknown date. On June 18, 2008, the 500-gallon heating oil underground storage tank was removed from the property. The bottom of the tank was measured to be at 6.5 feet below ground surface (bgs). Product piping that extended from the top of the tank beneath the former building was not found. Prior to removal, residual product was pumped and the tank was triple rinsed. A water sample was also collected from tank rinsate. The tank was observed to be in poor condition, with at least one observable hole. Visible staining and odors were also noted in the soil underlying the tank. Groundwater was not encountered during the excavation. Soil samples were collected beneath the tank at each end (9006-N-8.5 and 9006-S-8.5) along with one four-point composite sample (9006-SP(A-D)) from the

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WEYERHAEUSER CO (Continued) **S101630370**

soil stockpile. Total Petroleum Hydrocarbons as diesel, motor oil, kerosene, and stoddard solvent were not detected in the two soil samples collected beneath the UST at a depth of 6.5 feet below surface grade (bgs). The soil samples were additionally analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX), methyl tertiary butyl ether (MTBE), and other volatile organic compounds (VOCs) and none were detected. A tank rinsate sample contained 1,600 parts per billion (ppb) TPH as motor oil, and was noted during analysis to also contain heating oil. The stockpile composite sample contained 5 ppm lead. The UST excavation was subsequently overexcavated to 8.5 for building construction. Additional confirmation sampling was not performed and the building was constructed over the UST location. It appears that residual contamination that may be present was removed to a depth of 8.5 feet bgs. Groundwater was not encountered during UST removal and overexcavation and groundwater analysis was not performed prior to redevelopment of the site. The site has been redeveloped and the closest downgradient accessible sampling location is approximately 95 to 100 from the former UST location so groundwater sampling is not possible at or immediately downgradient of the former UST location. Heating oil typically contains trace to low levels of BTEX and overexcavation likely removed any contamination present to the 8.5 bgs depth. Therefore, additional characterization and groundwater sampling was not performed.

LUST:

Global Id:	T10000004352
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:	T10000004352
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:	T10000004352
Action Type:	Other
Date:	06/18/2008
Action:	Leak Stopped

Global Id:	T10000004352
Action Type:	Other
Date:	07/09/2008
Action:	Leak Discovery

Global Id:	T10000004352
Action Type:	RESPONSE
Date:	07/09/2008

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WEYERHAEUSER CO (Continued) **S101630370**

Action: Tank Removal Report / UST Sampling Report

Global Id: T10000004352
Action Type: RESPONSE
Date: 07/10/2008
Action: Unauthorized Release Form

Global Id: T10000004352
Action Type: RESPONSE
Date: 05/26/2006
Action: Site Assessment Report

Global Id: T10000004352
Action Type: RESPONSE
Date: 05/24/2013
Action: Correspondence

Global Id: T10000004352
Action Type: ENFORCEMENT
Date: 04/18/2013
Action: Staff Letter - #20130418

Global Id: T10000004352
Action Type: ENFORCEMENT
Date: 06/27/2013
Action: Closure/No Further Action Letter - #20130627

Global Id: T10000004352
Action Type: ENFORCEMENT
Date: 04/18/2013
Action: Notification - Public Notice of Case Closure - #20130418

Global Id: T10000004352
Action Type: Other
Date: 07/20/2012
Action: Leak Reported

LUST:
Global Id: T10000004352
Status: Open - Case Begin Date
Status Date: 07/09/2008

Global Id: T10000004352
Status: Open - Site Assessment
Status Date: 09/25/2012

Global Id: T10000004352
Status: Completed - Case Closed
Status Date: 01/25/2013

Global Id: T10000004352
Status: Open - Eligible for Closure
Status Date: 01/25/2013

Global Id: T10000004352
Status: Completed - Case Closed
Status Date: 06/27/2013

DRAFT

WEYERHAEUSER CO (Continued) **S101630370**

Global Id: T10000004352
Status: Open - Eligible for Closure
Status Date: 06/27/2013

Lead Agency: ALAMEDA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101092
Global Id: T0600101092
Latitude: 37.830348
Longitude: -122.286901
Status: Completed - Case Closed
Status Date: 07/21/2004
Case Worker: Not reported
RB Case Number: 01-1186
Local Agency: Not reported
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: RO0000328
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0600101092
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: T0600101092
Action Type: Other
Date: 12/10/1990
Action: Leak Discovery

Global Id: T0600101092
Action Type: Other
Date: 12/10/1990
Action: Leak Stopped

Global Id: T0600101092
Action Type: REMEDIATION
Date: 06/16/1994
Action: Excavation

Global Id: T0600101092
Action Type: Other
Date: 02/27/1991
Action: Leak Reported

LUST:
Global Id: T0600101092
Status: Open - Case Begin Date
Status Date: 12/10/1990

DRAFT

WEYERHAEUSER CO (Continued) **S101630370**

Global Id: T0600101092
Status: Completed - Case Closed
Status Date: 07/21/2004

LUST REG 2:
Region: 2
Facility Id: 01-1186
Facility Status: Leak being confirmed
Case Number: 4255
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: 2/27/1991
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

Alameda County CS:
Status: Case Closed
Record Id: RO0000328
PE: 5602
Facility Status: Case Closed
Latitude: 37.829545673
Longitude: -122.28743217

Status: Case Closed
Record Id: RO0003103
PE: 5602
Facility Status: Case Closed
Latitude: Not reported
Longitude: Not reported

Status: Case Closed
Record Id: RO0003103
PE: 5602
Facility Status: Case Closed
Latitude: Not reported
Longitude: Not reported

Status: Case Closed
Record Id: RO0003103
PE: 5602
Facility Status: Case Closed
Latitude: Not reported
Longitude: Not reported

SWEEPS UST:
Status: Not reported
Comp Number: 43104
Number: Not reported
Board Of Equalization: 44-000425

DRAFT

WEYERHAEUSER CO (Continued) **S101630370**

Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	01-000-043104-000001
Tank Status:	Not reported
Capacity:	1
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	Not reported
Number Of Tanks:	1

CA FID UST:

Facility ID:	01001303
Regulated By:	UTNKI
Regulated ID:	00043104
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4155473820
Mail To:	Not reported
Mailing Address:	4050 HORTON
Mailing Address 2:	Not reported
Mailing City,St,Zip:	EMERYVILLE 94608
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:	01-1186

CERS TANKS:

Site ID:	196186
CERS ID:	T10000004352
CERS Description:	Leaking Underground Storage Tank Cleanup 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)

DRAFT

WEYERHAEUSER CO (Continued) **S101630370**

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:	194002
CERS ID:	T0600101092
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

AM176 **CUSTOM ALLOY SCRAP SALES (TOXIC)** **CPS-SLIC** **S110060642**
SW **2711 UNION** **Alameda County CS** **N/A**
1/4-1/2 **OAKLAND, CA 94607** **HIST CORTESE**
0.472 mi. **CERS**
2490 ft. **Site 2 of 2 in cluster AM**

Relative:
Lower

Actual:
13 ft.

CPS-SLIC:

Region:	STATE
Facility Status:	**Open - Site Assessment**
Status Date:	04/08/1996
Global Id:	T06019746121
Lead Agency:	ALAMEDA COUNTY LOP
Lead Agency Case Number:	RO0002489
Latitude:	37.820284
Longitude:	-122.284626
Case Type:	Cleanup Program Site
Case Worker:	KEN
Local Agency:	ALAMEDA COUNTY LOP
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:	* Chlorinated Hydrocarbons
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. Site is a scap metal recycling facility. SWIs found TPH and VOC impacts in soil and groundwater. A 1998 RBCA identified risks for volatilization from groundwater to both onsite and down gradient receptors. Concentrartions in soil include 4,300 mg/kg TPHd, 4,500 mg/kg TOG, Four wells installed in 1996 and a fifth well in 1998. Concentrartions in GW include up to 7,100 ug/L TPHd, 4,400 ug/L PCE, 2,600 ug/L TCE, 1,000 ug/L nickel, and 490 ug/L 1,2-DCE.

DRAFT

CUSTOM ALLOY SCRAP SALES (TOXIC) (Continued) **S110060642**

Click here to access the California GeoTracker records for this facility:

Alameda County CS:

Status:	Pollution Characterization
Record Id:	RO0002489
PE:	5502
Facility Status:	Pollution Charaterization
Latitude:	37.820114355
Longitude:	-122.28485169

HIST CORTESE:

Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-2188

CERS TANKS:

Site ID:	204755
CERS ID:	T06019746121
CERS Description:	Cleanup Program Site

Affiliation:

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

DRAFT

AO177 **ALAMEDA CHEMICAL AND SCIENTIFIC** **ENVIROSTOR** **S102008173**
SW **2668 HANNAH STREET** **HIST Cal-Sites** **N/A**
1/4-1/2 **OAKLAND, CA 94608**
0.474 mi.
2503 ft. **Site 1 of 2 in cluster AO**

Relative:
Lower

Actual:
12 ft.

ENVIROSTOR:

Facility ID:	1280089
Status:	Certified
Status Date:	01/01/1985
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	0.25
NPL:	NO
Regulatory Agencies:	HWMP
Lead Agency:	HWMP
Program Manager:	Claude Jemison
Supervisor:	Karen Toth
Division Branch:	Cleanup Berkeley
Assembly:	18
Senate:	09
Special Program:	Not reported

ALAMEDA CHEMICAL AND SCIENTIFIC (Continued) **S102008173**

Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.8211
Longitude: -122.286
APN: NONE SPECIFIED
Past Use: PAINT/DEPAINT FACILITY
Potential COC: Lead Lead, Organic (tetraethyl 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

Calsite:
Region: BERKELEY
Facility ID: 01280089
Facility Type: RP
Type: RESPONSIBLE PARTY
Branch: NC
Branch Name: NORTH COAST
File Name: Not reported
State Senate District: 01011985
Status: CERTIFIED AS HAVING BEEN REMEDIED SATISFACTORILY UNDER DTSC OVERSIGHT
Status Name: CERTIFIED
Lead Agency: N/A
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: CJEMISON
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

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ALAMEDA CHEMICAL AND SCIENTIFIC (Continued) **S102008173**

Lat/Long Description:	Not reported
State Assembly District Code:	16
State Senate District Code:	09
Facility ID:	01280089
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	01011985
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:	01280089
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	01241985
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:	2668 HANNAH STREET
Alternate City,St,Zip:	OAKLAND, CA 94608
Background Info:	Prior to Alameda Chemical and Scientific (ACS) occupancy, Stiles Paint Company occupied the site. Stiles Paint manufactured architectural paint and was in business in Oakland from 1976 to 1982. Chemicals used were mineral spirits, calcium carbonate,

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ALAMEDA CHEMICAL AND SCIENTIFIC (Continued) **S102008173**

tar, latex paint, linseed oil, ethylene glycol, and pigment binder. In response to a complaint filed by a prospective buyer, the site was inspected. Drums of material were stocked up to 8 drums high and the soil discolored with solvent and resins. The site also had an underground tank that contained paint thinners, or other solvents.

Comments Date:	01241985
Comments:	Certified Site. Cleanup of the site started on October 3, 1984,
Comments Date:	01241985
Comments:	and a total of 251 cubic yards of soil was removed. After
Comments Date:	01241985
Comments:	approximately 1600 gallons of water was pumped out of three
Comments Date:	01241985
Comments:	underground tanks, the three tanks were removed from the site.
Comments Date:	01241985
Comments:	An additional 36 cubic yards of soil was removed from the tank
Comments Date:	01241985
Comments:	site. Soil samples found lead (12 mg/kg-630 mg/kg), zinc (29
Comments Date:	01241985
Comments:	mg/kg-390 mg/kg), chromium (22 mg/kg-33mg/kg) and copper (19
Comments Date:	01241985
Comments:	mg/kg). Additional soil was removed from the lead hot spot (630
Comments Date:	01241985
Comments:	ppm), and the lead value dropped to 15 ppm. All remaining
Comments Date:	01241985
Comments:	concentrations are below residential screening levels calculated
Comments Date:	01241985
Comments:	using the methodology in the Preliminary Endangerment Assessment
Comments Date:	01241985
Comments:	Guidance Manual.
ID Name:	Not reported
ID Value:	Not reported
Alternate Name:	ALAMEDA CHEMICAL AND SCIENTIFIC
Alternate Name:	STILES PLANT
Alternate Name:	Not reported
Special Programs Code:	Not reported
Special Programs Name:	Not reported

178
SSE
1/4-1/2
0.481 mi.
2541 ft.

CALIFORNIA AUTO REPAIR
2801 SAN PABLO AVE
OAKLAND, CA 94608

LUST **S102438940**
Alameda County CS **N/A**
HIST CORTESE
CERS

Relative:
Lower

Actual:
28 ft.

LUST:

Lead Agency:	ALAMEDA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600102005
Global Id:	T0600102005
Latitude:	37.81927
Longitude:	-122.276494
Status:	Completed - Case Closed
Status Date:	10/15/1996
Case Worker:	Not reported
RB Case Number:	01-2181
Local Agency:	Not reported
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	RO0002458

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CALIFORNIA AUTO REPAIR (Continued) **S102438940**

Potential Media Affect: Under Investigation
Potential Contaminants of Concern: Lead, Gasoline
Site History: Not reported

LUST:
Global Id: T0600102005
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: T0600102005
Action Type: Other
Date: 11/15/1995
Action: Leak Discovery

Global Id: T0600102005
Action Type: Other
Date: 11/15/1995
Action: Leak Reported

Global Id: T0600102005
Action Type: ENFORCEMENT
Date: 07/03/2008
Action: Technical Correspondence / Assistance / Other - #20080703

LUST:
Global Id: T0600102005
Status: Open - Case Begin Date
Status Date: 11/14/1995

Global Id: T0600102005
Status: Open - Remediation
Status Date: 11/14/1995

Global Id: T0600102005
Status: Open - Site Assessment
Status Date: 11/14/1995

Global Id: T0600102005
Status: Completed - Case Closed
Status Date: 10/15/1996

LUST REG 2:
Region: 2
Facility Id: 01-2181
Facility Status: Case Closed
Case Number: 01-2181
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK

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CALIFORNIA AUTO REPAIR (Continued) **S102438940**

Date Leak Confirmed: Not reported
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

Alameda County CS:
Status: Case Closed
Record Id: RO0002458
PE: 5502
Facility Status: Case Closed
Latitude: Not reported
Longitude: Not reported

Status: Case Closed
Record Id: RO0002458
PE: 5502
Facility Status: Case Closed
Latitude: Not reported
Longitude: Not reported

Status: Case Closed
Record Id: RO0002458
PE: 5502
Facility Status: Case Closed
Latitude: Not reported
Longitude: Not reported

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-2181

CERS TANKS:
Site ID: 236439
CERS ID: T0600102005
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

DRAFT

AJ179 **DEL MONTE PLANT #35** **LUST** **S101306379**
NW **4202 HOLLIS ST** **HIST CORTESE** **N/A**
1/4-1/2 **EMERYVILLE, CA 94608** **CERS**
0.482 mi.
2545 ft. **Site 2 of 3 in cluster AJ**

Relative:
Lower

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=T0600100437
Global Id:	T0600100437
Latitude:	37.831701
Longitude:	-122.285096
Status:	Completed - Case Closed
Status Date:	04/13/2009
Case Worker:	UUU
RB Case Number:	01-0481
Local Agency:	Not reported
File Location:	Not reported
Local Case Number:	01-0481
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0600100437
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:	T0600100437
Action Type:	Other
Date:	03/04/1986
Action:	Leak Stopped
Global Id:	T0600100437
Action Type:	Other
Date:	03/04/1986
Action:	Leak Discovery
Global Id:	T0600100437
Action Type:	Other
Date:	03/04/1986
Action:	Leak Reported
Global Id:	T0600100437
Action Type:	ENFORCEMENT
Date:	04/13/2009
Action:	Closure/No Further Action Letter

LUST:

Global Id:	T0600100437
Status:	Open - Case Begin Date
Status Date:	03/04/1986

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DEL MONTE PLANT #35 (Continued) **S101306379**

Global Id: T0600100437
Status: Open - Site Assessment
Status Date: 05/03/1989

Global Id: T0600100437
Status: Open - Site Assessment
Status Date: 09/10/1991

Global Id: T0600100437
Status: Completed - Case Closed
Status Date: 04/13/2009

LUST REG 2:
Region: 2
Facility Id: 01-0481
Facility Status: Pollution Characterization
Case Number: 01-0481
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 5/3/1989
Pollution Characterization Began: 9/10/1991
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: 01-0481

CERS TANKS:
Site ID: 241690
CERS ID: T0600100437
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

DRAFT

AN180 **EMERYVILLE REDEVELOPMENT** **HIST CORTESE** **S105023661**
North **4300 4310 SAN PABLO** **N/A**
1/4-1/2 **EMERYVILLE, CA 94608**
0.484 mi.
2558 ft. **Site 2 of 2 in cluster AN**

Relative: **Higher**
Actual: **47 ft.**

HIST CORTESE:

Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-0404

AP181 **OAKLAND CITY OF ETTIE ST PUMP** **LUST** **S103891001**
West **3455 ETTIE ST** **N/A**
1/4-1/2 **OAKLAND, CA 94608**
0.487 mi.
2570 ft. **Site 1 of 3 in cluster AP**

Relative: **Lower**
Actual: **11 ft.**

LUST REG 2:

Region:	2
Facility Id:	01-2424
Facility Status:	Case Closed
Case Number:	3979
How Discovered:	Tank Closure
Leak Cause:	UNK
Leak Source:	Tank
Date Leak Confirmed:	9/11/1996
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

AP182 **CITY OF OAKLAND** **LUST** **S102359680**
West **3455 ETTIE** **Alameda County CS** **N/A**
1/4-1/2 **OAKLAND, CA 94608** **CHMIRS**
0.487 mi. **HIST CORTESE**
2570 ft. **Site 2 of 3 in cluster AP** **CERS**

Relative: **Lower**
Actual: **11 ft.**

LUST:

Lead Agency:	ALAMEDA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600102233
Global Id:	T0600102233
Latitude:	37.8259626
Longitude:	-122.2888014
Status:	Completed - Case Closed
Status Date:	03/25/1999
Case Worker:	Not reported
RB Case Number:	01-2424
Local Agency:	Not reported
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	RO0000992
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Diesel
Site History:	Not reported

DRAFT

CITY OF OAKLAND (Continued) **S102359680**

LUST:

Global Id:	T0600102233
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:	T0600102233
Action Type:	REMEDIATION
Date:	09/09/9999
Action:	Excavation
Global Id:	T0600102233
Action Type:	Other
Date:	08/05/1996
Action:	Leak Reported

LUST:

Global Id:	T0600102233
Status:	Open - Case Begin Date
Status Date:	08/05/1996
Global Id:	T0600102233
Status:	Completed - Case Closed
Status Date:	03/25/1999

Alameda County CS:

Status:	Case Closed
Record Id:	RO0000992
PE:	5602
Facility Status:	Case Closed
Latitude:	37.825589097
Longitude:	-122.28884391

CHMIRS:

OES Incident Number:	10-4269
OES notification:	07/15/2010
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

DRAFT

CITY OF OAKLAND (Continued) **S102359680**

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:	Other
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Gal(s)
Other:	Not reported
Date/Time:	1030
Year:	2010
Agency:	Oakland Sewer Maintenance
Incident Date:	7/15/2010
Admin Agency:	City of Oakland Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Sewage
Quantity Released:	1000
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	A main was blocked and spilled sewage into a basement.

HIST CORTESE:

Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA

DRAFT

CITY OF OAKLAND (Continued) **S102359680**

Reg Id: 01-2424

CERS TANKS:

Site ID:	189310
CERS ID:	T0600102233
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

AK183 **ALLIED PAINTER/SHIREK ESTATE** **ENVIROSTOR** **S118757107**
West **3425 ETTIE STREET** **N/A**
1/4-1/2 **OAKLAND, CA 94607**
0.487 mi.
2573 ft. **Site 4 of 5 in cluster AK**

Relative:
Lower

Actual:
11 ft.

ENVIROSTOR:

Facility ID:	60000367
Status:	No Action Required
Status Date:	02/08/2007
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	0.58
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:	37.82551
Longitude:	-122.2889
APN:	7-606-2-6
Past Use:	NONE
Potential COC:	Polychlorinated biphenyls (PCBs
Confirmed COC:	Polychlorinated biphenyls (PCBs
Potential Description:	SED
Alias Name:	7-606-2-6
Alias Type:	APN
Alias Name:	60000367
Alias Type:	Envirostor ID Number

Completed Info:

DRAFT

ALLIED PAINTER/SHIREK ESTATE (Continued) **S118757107**

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 areas where chemicals are handles are paved, underground storaghe tanke was removed from un paved portion of the site. PCB sampling result s 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:	08/09/2006
Comments:	A letter requesting information on the site was sent to the owner/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

184
SSW
1/4-1/2
0.488 mi.
2574 ft.

LINFORD MAGNOLIA PROPERTY
2650 MAGNOLIA STREET
OAKLAND, CA 94607

LUST **S108935443**
Alameda County CS **N/A**
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=T0619700438
Global Id:	T0619700438
Latitude:	37.8195946422154
Longitude:	-122.283212542534
Status:	Completed - Case Closed
Status Date:	06/10/2011
Case Worker:	PK
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:	RO0002961
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	UST and hoist removals conducted in June through July 2007. Over-excavation was conducted on June 22, 2007. Elevated concentrations of TPH-g and benzene were detected in soil samples collected from the UST pit. A work plan to conduct a subsurface investigation has been submitted.

LUST:

Global Id:	T0619700438
Contact Type:	Local Agency Caseworker
Contact Name:	PARESH KHATRI

DRAFT

LINFORD MAGNOLIA PROPERTY (Continued) **S108935443**

Organization Name: ALAMEDA COUNTY LOP
Address: 1131 HARBOR BAY PARKWAY
City: ALAMEDA
Email: paresh.khatri@acgov.org
Phone Number: 5107772478

Global Id: T0619700438
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: T0619700438
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Staff Letter - #20090724

Global Id: T0619700438
Action Type: ENFORCEMENT
Date: 01/18/2008
Action: * Historical Enforcement - #20080118

Global Id: T0619700438
Action Type: ENFORCEMENT
Date: 08/12/2010
Action: Staff Letter - #20100812

Global Id: T0619700438
Action Type: Other
Date: 06/21/2007
Action: Leak Stopped

Global Id: T0619700438
Action Type: ENFORCEMENT
Date: 07/22/2010
Action: Staff Letter - #20100722

Global Id: T0619700438
Action Type: ENFORCEMENT
Date: 10/31/2007
Action: * Historical Enforcement - #20071231

Global Id: T0619700438
Action Type: RESPONSE
Date: 11/10/2010
Action: Soil and Water Investigation Report

Global Id: T0619700438
Action Type: ENFORCEMENT
Date: 06/10/2011
Action: Closure/No Further Action Letter - #20110610

Global Id: T0619700438

DRAFT

LINFORD MAGNOLIA PROPERTY (Continued) **S108935443**

Action Type: ENFORCEMENT
Date: 07/03/2008
Action: Technical Correspondence / Assistance / Other - #7/3/2008

Global Id: T0619700438
Action Type: Other
Date: 08/20/2007
Action: Leak Reported

Global Id: T0619700438
Action Type: Other
Date: 06/21/2007
Action: Leak Discovery

LUST:
Global Id: T0619700438
Status: Open - Case Begin Date
Status Date: 06/21/2007

Global Id: T0619700438
Status: Open - Site Assessment
Status Date: 06/21/2007

Global Id: T0619700438
Status: Open - Site Assessment
Status Date: 01/27/2009

Global Id: T0619700438
Status: Completed - Case Closed
Status Date: 06/10/2011

Alameda County CS:
Status: Leak Confirmation
Record Id: RO0002961
PE: 5602
Facility Status: Leak Confirmation
Latitude: Not reported
Longitude: Not reported

Status: Leak Confirmation
Record Id: RO0002961
PE: 5602
Facility Status: Leak Confirmation
Latitude: Not reported
Longitude: Not reported

Status: Leak Confirmation
Record Id: RO0002961
PE: 5602
Facility Status: Leak Confirmation
Latitude: Not reported
Longitude: Not reported

CERS TANKS:
Site ID: 240778

DRAFT

LINFORD MAGNOLIA PROPERTY (Continued) **S108935443**

CERS ID: T0619700438
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
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

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

AK185 **HENRY SHIREK ESTATE** **LUST** **1001878118**
West **3425 ETTIE ST** **Alameda County CS** **N/A**
1/4-1/2 **OAKLAND, CA 94608** **HIST CORTESE**
0.488 mi. **CERS**
2578 ft. **Site 5 of 5 in cluster AK**

Relative:
Lower
Actual:
11 ft.

LUST:
Lead Agency: ALAMEDA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101281
Global Id: T0600101281
Latitude: 37.825589
Longitude: -122.288957
Status: Completed - Case Closed
Status Date: 06/25/1993
Case Worker: Not reported
RB Case Number: 01-1387
Local Agency: Not reported
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: RO0001206
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0600101281
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

DRAFT

HENRY SHIREK ESTATE (Continued) **1001878118**

LUST:
Global Id: T0600101281
Action Type: REMEDIATION
Date: 03/02/1990
Action: Excavation

Global Id: T0600101281
Action Type: Other
Date: 12/07/1989
Action: Leak Reported

LUST:
Global Id: T0600101281
Status: Open - Case Begin Date
Status Date: 12/07/1989

Global Id: T0600101281
Status: Completed - Case Closed
Status Date: 06/25/1993

LUST REG 2:
Region: 2
Facility Id: 01-1387
Facility Status: Case Closed
Case Number: 3787
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 3/2/1990
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: RO0001206
PE: 5602
Facility Status: Case Closed
Latitude: 37.825265836
Longitude: -122.28873919

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-1387

CERS TANKS:
Site ID: 213667

DRAFT

HENRY SHIREK ESTATE (Continued) **1001878118**

CERS ID: T0600101281
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

AJ186 **DEL MONTE PLANT 35** **CPS-SLIC** **S106235208**
NW **4204/1250 HOLLIS STREET/ PARK AVENUE** **N/A**
1/4-1/2 **EMERYVILLE, CA**
0.489 mi.
2581 ft. **Site 3 of 3 in cluster AJ**

Relative:
Lower
Actual:
22 ft.

SLIC REG 2:
Region: 2
Facility ID: SL20231849
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

AQ187 **ELECTRO-COATINGS INC** **LUST** **S104396737**
NW **1401-1421 PARK AVENUE** **DEED** **N/A**
1/4-1/2 **EMERYVILLE, CA 94608** **HIST CORTESE**
0.497 mi. **CERS**
2624 ft. **Site 1 of 6 in cluster AQ**

Relative:
Lower
Actual:
17 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=T0600102145
Global Id: T0600102145
Latitude: 37.8304632785019
Longitude: -122.287487983704
Status: Open - Assessment & Interim Remedial Action
Status Date: 04/28/2010
Case Worker: MEJ
RB Case Number: 01-2333
Local Agency: Not reported
File Location: All Files are on GeoTracker or in the Local Agency Database

DRAFT

ELECTRO-COATINGS INC (Continued) **S104396737**

Local Case Number: Not reported
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: 1,1,1-Trichloroethane (TCA), Other Chlorinated Hydrocarbons, Tetrachloroethylene (PCE), Trichloroe
Site History: The properties at 1401 and 1421 Park Avenue have been utilized as a metal plating facility since 1952. Electro-Coatings, Inc purchased the business in 1963, including the property at 1401 Park (1421 was a leased portion of the business). Environmental investigations relative to the chromium and nickel plating operations have been on-going since at least August 1977. Volatile Organic Compounds were also utilized at the metals plating facility and are a part of the investigations associated with these operations. An extensive file exists, and active remediation was on-going as of June 2006, and is managed by the RWQCB. This case is specifically focused on two gasoline USTs that were discovered around February 1995 at the 1421 Park Avenue address. The USTs were abandoned in-place to limit interference to then on-going remedial activities related to the metal plating operations. Four Geoprobe bores were installed in October 1997 to investigate the UST related contamination; however, limited data relative to hydrocarbons has been submitted. No other information related to UST issues has been submitted.

LUST:
Global Id: T0600102145
Contact Type: Regional Board Caseworker
Contact Name: MARK JOHNSON
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY STREET, SUITE 1400
City: OAKLAND
Email: mjohnson@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0600102145
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Notice of Violation - #20090724

Global Id: T0600102145
Action Type: ENFORCEMENT
Date: 03/26/2004
Action: Staff Letter

Global Id: T0600102145
Action Type: ENFORCEMENT
Date: 03/19/2002
Action: Staff Letter

Global Id: T0600102145
Action Type: ENFORCEMENT
Date: 04/03/1997
Action: Staff Letter

Global Id: T0600102145
Action Type: ENFORCEMENT
Date: 09/11/2000
Action: Staff Letter

DRAFT

ELECTRO-COATINGS INC (Continued) **S104396737**

Global Id: T0600102145
Action Type: ENFORCEMENT
Date: 08/11/2000
Action: Technical Correspondence / Assistance / Other

Global Id: T0600102145
Action Type: RESPONSE
Date: 05/01/2000
Action: Well Installation Workplan

Global Id: T0600102145
Action Type: RESPONSE
Date: 03/16/2006
Action: Correspondence

Global Id: T0600102145
Action Type: RESPONSE
Date: 10/09/1996
Action: Pilot Study/ Treatability Report

Global Id: T0600102145
Action Type: ENFORCEMENT
Date: 06/22/2000
Action: Technical Correspondence / Assistance / Other

Global Id: T0600102145
Action Type: ENFORCEMENT
Date: 09/11/2000
Action: Technical Correspondence / Assistance / Other

Global Id: T0600102145
Action Type: ENFORCEMENT
Date: 12/09/2015
Action: Staff Letter

Global Id: T0600102145
Action Type: Other
Date: 07/30/1997
Action: Leak Stopped

Global Id: T0600102145
Action Type: RESPONSE
Date: 08/03/2005
Action: Other Report / Document

Global Id: T0600102145
Action Type: RESPONSE
Date: 06/30/2000
Action: Correspondence

Global Id: T0600102145
Action Type: RESPONSE
Date: 09/27/2006
Action: Other Report / Document

Global Id: T0600102145
Action Type: RESPONSE

DRAFT

ELECTRO-COATINGS INC (Continued) **S104396737**

Date: 09/25/2006
Action: Email Correspondence

Global Id: T0600102145
Action Type: RESPONSE
Date: 04/09/2002
Action: Correspondence

Global Id: T0600102145
Action Type: RESPONSE
Date: 06/15/2000
Action: Correspondence

Global Id: T0600102145
Action Type: RESPONSE
Date: 02/21/2007
Action: Email Correspondence

Global Id: T0600102145
Action Type: ENFORCEMENT
Date: 04/05/2007
Action: Fact Sheets - Public Participation

Global Id: T0600102145
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Staff Letter - #20090724

Global Id: T0600102145
Action Type: RESPONSE
Date: 06/13/2001
Action: Well Installation Report

Global Id: T0600102145
Action Type: RESPONSE
Date: 02/21/2007
Action: Email Correspondence

Global Id: T0600102145
Action Type: RESPONSE
Date: 05/12/2006
Action: Interim Remedial Action Plan

Global Id: T0600102145
Action Type: RESPONSE
Date: 09/16/2002
Action: Soil and Water Investigation Workplan

Global Id: T0600102145
Action Type: RESPONSE
Date: 01/13/2006
Action: Fact Sheets - Public Participation

Global Id: T0600102145
Action Type: RESPONSE
Date: 05/01/2000
Action: Well Installation Workplan

DRAFT

ELECTRO-COATINGS INC (Continued) **S104396737**

Global Id: T0600102145
Action Type: RESPONSE
Date: 07/14/2006
Action: CAP/RAP - Final Remediation / Design Plan

Global Id: T0600102145
Action Type: RESPONSE
Date: 04/04/2002
Action: Email Correspondence

Global Id: T0600102145
Action Type: RESPONSE
Date: 04/19/2002
Action: Other Report / Document

Global Id: T0600102145
Action Type: RESPONSE
Date: 03/21/2002
Action: Correspondence

Global Id: T0600102145
Action Type: RESPONSE
Date: 02/20/2004
Action: Monitoring Report - Semi-Annually

Global Id: T0600102145
Action Type: ENFORCEMENT
Date: 08/22/2000
Action: Rescission of Enforcement Action

Global Id: T0600102145
Action Type: ENFORCEMENT
Date: 05/01/2006
Action: Clean-up and Abatement Order

Global Id: T0600102145
Action Type: Other
Date: 05/24/1995
Action: Leak Discovery

Global Id: T0600102145
Action Type: RESPONSE
Date: 02/27/2003
Action: Monitoring Report - Semi-Annually

Global Id: T0600102145
Action Type: RESPONSE
Date: 04/24/2002
Action: Correspondence

Global Id: T0600102145
Action Type: RESPONSE
Date: 08/18/2004
Action: Monitoring Report - Semi-Annually

Global Id: T0600102145
Action Type: RESPONSE

DRAFT

ELECTRO-COATINGS INC (Continued) **S104396737**

Date: 12/03/1997
Action: Monitoring Report - Quarterly

Global Id: T0600102145
Action Type: RESPONSE
Date: 04/02/2002
Action: Other Workplan

Global Id: T0600102145
Action Type: RESPONSE
Date: 10/03/1994
Action: Other Report / Document

Global Id: T0600102145
Action Type: RESPONSE
Date: 04/22/2005
Action: Other Report / Document

Global Id: T0600102145
Action Type: RESPONSE
Date: 10/24/2000
Action: Corrective Action Plan / Remedial Action Plan - Addendum

Global Id: T0600102145
Action Type: RESPONSE
Date: 12/15/2006
Action: Correspondence

Global Id: T0600102145
Action Type: RESPONSE
Date: 04/02/2002
Action: Correspondence

Global Id: T0600102145
Action Type: RESPONSE
Date: 02/17/1999
Action: Correspondence

Global Id: T0600102145
Action Type: RESPONSE
Date: 09/05/2000
Action: Other Report / Document

Global Id: T0600102145
Action Type: RESPONSE
Date: 12/12/2006
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0600102145
Action Type: RESPONSE
Date: 03/02/2004
Action: Soil and Water Investigation Workplan

Global Id: T0600102145
Action Type: RESPONSE
Date: 11/01/2001
Action: Other Report / Document

DRAFT

ELECTRO-COATINGS INC (Continued) **S104396737**

Global Id: T0600102145
Action Type: RESPONSE
Date: 03/19/2002
Action: Correspondence

Global Id: T0600102145
Action Type: RESPONSE
Date: 08/25/1994
Action: Phase I Assessment Report

Global Id: T0600102145
Action Type: RESPONSE
Date: 03/01/2002
Action: Correspondence

Global Id: T0600102145
Action Type: RESPONSE
Date: 12/20/2006
Action: Other Report / Document

Global Id: T0600102145
Action Type: RESPONSE
Date: 03/30/2001
Action: Other Report / Document

Global Id: T0600102145
Action Type: RESPONSE
Date: 05/31/2001
Action: Monitoring Report - Semi-Annually

Global Id: T0600102145
Action Type: RESPONSE
Date: 03/08/2007
Action: Corrective Action Plan / Remedial Action Plan

Global Id: T0600102145
Action Type: RESPONSE
Date: 09/04/2000
Action: Email Correspondence

Global Id: T0600102145
Action Type: RESPONSE
Date: 04/28/2000
Action: Well Installation Workplan

Global Id: T0600102145
Action Type: ENFORCEMENT
Date: 07/03/2008
Action: Staff Letter - #20080703

Global Id: T0600102145
Action Type: ENFORCEMENT
Date: 09/07/2000
Action: Closure/No Further Action Letter

Global Id: T0600102145
Action Type: ENFORCEMENT

DRAFT

ELECTRO-COATINGS INC (Continued) **S104396737**

Date: 08/13/2002
Action: Staff Letter

Global Id: T0600102145
Action Type: ENFORCEMENT
Date: 11/07/2005
Action: Deed Restriction / Land Use Restriction / Covenant

Global Id: T0600102145
Action Type: Other
Date: 07/30/1997
Action: Leak Reported

Global Id: T0600102145
Action Type: RESPONSE
Date: 03/20/2002
Action: Other Workplan

Global Id: T0600102145
Action Type: RESPONSE
Date: 04/13/2005
Action: Other Report / Document

Global Id: T0600102145
Action Type: RESPONSE
Date: 10/07/1994
Action: Correspondence

Global Id: T0600102145
Action Type: RESPONSE
Date: 05/08/2003
Action: Monitoring Report - Quarterly

Global Id: T0600102145
Action Type: ENFORCEMENT
Date: 06/01/2005
Action: Notification - Public Participation Document

Global Id: T0600102145
Action Type: ENFORCEMENT
Date: 09/07/2000
Action: Closure/No Further Action Letter

Global Id: T0600102145
Action Type: ENFORCEMENT
Date: 03/24/1995
Action: Staff Letter

Global Id: T0600102145
Action Type: RESPONSE
Date: 08/10/2009
Action: Electronic Reporting Submittal Due

Global Id: T0600102145
Action Type: RESPONSE
Date: 11/01/2001
Action: Other Report / Document

DRAFT

ELECTRO-COATINGS INC (Continued) **S104396737**

LUST:

Global Id:	T0600102145
Status:	Open - Case Begin Date
Status Date:	10/23/1995
Global Id:	T0600102145
Status:	Open - Site Assessment
Status Date:	07/30/1997
Global Id:	T0600102145
Status:	Open - Assessment & Interim Remedial Action
Status Date:	04/28/2010

LUST REG 2:

Region:	2
Facility Id:	01-2333
Facility Status:	Preliminary site assessment workplan submitted
Case Number:	1682
How Discovered:	Tank Closure
Leak Cause:	UNK
Leak Source:	UNK
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	1/2/1965
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

DEED:

Envirostor ID:	T0600102145
Area:	Not reported
Sub Area:	Not reported
Site Type:	LUFT
Status:	OPEN - ASSESSMENT & INTERIM REMEDIAL ACTION
Agency:	SWRCB
Covenant Uploaded:	Y
Deed Date(s):	11/07/2005
File Name:	Geotracker Land Use/Deed Restrictions

HIST CORTESE:

Region:	CORTESE
Facility County Code:	1
Reg By:	LTNKA
Reg Id:	01-2333

CERS TANKS:

Site ID:	249595
CERS ID:	T0600102145
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker

DRAFT

ELECTRO-COATINGS INC (Continued) **S104396737**

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

AQ188 **ELECTRO-COATINGS** **SEMS-ARCHIVE** **1015732668**
NW **1401 PARK AVENUE** **RCRA-SQG** **CAD009116229**
1/4-1/2 **EMERYVILLE, CA 94608**
0.497 mi.
2624 ft. **Site 2 of 6 in cluster AQ**

Relative:
Lower

Actual:
17 ft.

SEMS Archive:

Site ID:	901140
EPA ID:	CAD009116229
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

SEMS Archive Detail:

Region:	9
Site ID:	901140
EPA ID:	CAD009116229
Site Name:	ELECTRO-COATINGS IND
NPL:	N
FF:	N
OU:	0
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1993-09-24 00:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

Region:	9
Site ID:	901140
EPA ID:	CAD009116229
Site Name:	ELECTRO-COATINGS IND
NPL:	N
FF:	N
OU:	0
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1984-01-01 00:00:00
Finish Date:	1984-09-01 00:00:00
Qual:	L
Current Action Lead:	EPA Perf

Region:	9
Site ID:	901140

DRAFT

ELECTRO-COATINGS (Continued) **1015732668**

EPA ID:	CAD009116229
Site Name:	ELECTRO-COATINGS IND
NPL:	N
FF:	N
OU:	0
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1977-01-01 00:00:00
Finish Date:	1977-01-01 00:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	9
Site ID:	901140
EPA ID:	CAD009116229
Site Name:	ELECTRO-COATINGS IND
NPL:	N
FF:	N
OU:	0
Action Code:	SI
Action Name:	SI
SEQ:	1
Start Date:	Not reported
Finish Date:	1986-09-01 00:00:00
Qual:	N
Current Action Lead:	EPA Perf

Region:	9
Site ID:	901140
EPA ID:	CAD009116229
Site Name:	ELECTRO-COATINGS IND
NPL:	N
FF:	N
OU:	0
Action Code:	HR
Action Name:	HAZRANK
SEQ:	1
Start Date:	Not reported
Finish Date:	1981-10-01 00:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

RCRA-SQG:

Date form received by agency:	03/04/1999
Facility name:	ELECTRO-COATINGS
Site name:	ELECTRO-COATINGS INC
Facility address:	1401 PARK AVENUE EMERYVILLE, CA 94608
EPA ID:	CAD009116229
Contact:	GARY D. WILLIAMS
Contact address:	Not reported Not reported
Contact country:	US
Contact telephone:	510-849-4075
Contact email:	Not reported

DRAFT

ELECTRO-COATINGS (Continued) **1015732668**

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

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: 09/01/1996
Site name: ELECTRO-COATINGS
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996
Site name: ELECTRO-COATINGS
Classification: Small Quantity Generator

Date form received by agency: 03/27/1996
Site name: ELECTRO-COATINGS INC.
Classification: Large Quantity Generator

Date form received by agency: 03/28/1994
Site name: ELECTRO-COATINGS INC
Classification: Large Quantity Generator

Date form received by agency: 02/28/1992
Site name: ELECTRO-COATINGS INC
Classification: Large Quantity Generator

Date form received by agency: 03/15/1990
Site name: ELECTRO-COATINGS INC
Classification: Large Quantity Generator

Date form received by agency: 08/05/1980
Site name: ELECTRO-COATINGS
Classification: Large Quantity Generator

Violation Status: No violations found

DRAFT

ELECTRO-COATINGS (Continued) **1015732668**

Evaluation Action Summary:

Evaluation date:	02/26/1992
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State Contractor/Grantee
Evaluation date:	08/19/1991
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State Contractor/Grantee
Evaluation date:	10/30/1990
Evaluation:	FOCUSED COMPLIANCE INSPECTION
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	EPA
Evaluation date:	07/31/1990
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State Contractor/Grantee

AQ189 **ELECTRO-COATINGS INC** **CPS-SLIC** **1000181776**
NW **1401 PARK AVENUE** **HIST UST** **N/A**
1/4-1/2 **EMERYVILLE, CA 94608** **DEED**
0.497 mi. **FINDS**
2624 ft. **Site 3 of 6 in cluster AQ** **ECHO**
CERS

Relative:
Lower

Actual:
17 ft.

CPS-SLIC:

Region:	STATE
Facility Status:	**Open - Inactive**
Status Date:	02/04/2016
Global Id:	SL20254872
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number:	Not reported
Latitude:	37.830280854022
Longitude:	-122.286996507996
Case Type:	Cleanup Program Site
Case Worker:	MEJ
Local Agency:	Not reported
RB Case Number:	SL20254872
File Location:	Regional Board
Potential Media Affected:	Other Groundwater (uses other than drinking water), Soil
Potential Contaminants of Concern:	Not reported
Site History:	Between 1903 and 1951, the Site oscillated between vacancy and occupation by unknown businesses who used a series of sheds and warehouses. In 1951, the Site was occupied by the Republic Supply Company, who specialized in wholesale pipe valves and fittings. Republic Supply was replaced by a plating business in 1952, which occupied the site until 1995. As of 1995, this Site was, and continues to be, occupied by residential condos and various commercial and service businesses at 1421 Park Avenue. The 1401 Park Avenue portion of the Site was also occupied by various commercial and service businesses until the buildings were demolished sometime

DRAFT

ELECTRO-COATINGS INC (Continued) **1000181776**

between 1998 and 2003. Currently, 1401 Park Avenue is vacant and residential development has been proposed for this Site.

Click here to access the California GeoTracker records for this facility:

SLIC REG 2:
Region: 2
Facility ID: SL20254872
Facility Status: Not reported
Date Closed: Not reported
Local Case #: Not reported
How Discovered: RBD
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

HIST UST:
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000007192
Facility Type: Other
Other Type: PLATING PLANT
Contact Name: JOHN GARRATT
Telephone: 4156550507
Owner Name: ELECTRO-COATINGS INC.
Owner Address: 1605 SCHOOL STREET
Owner City,St,Zip: MORAGA, CA 94556
Total Tanks: 0001

Tank Num: 001
Container Num: ONE
Year Installed: 1974
Tank Capacity: 00001800
Tank Used for: WASTE
Type of Fuel: 06
Container Construction Thickness: 3/8
Leak Detection: Visual

DEED:
Envirostor ID: SL20254872
Area: Not reported
Sub Area: Not reported
Site Type: SLIC
Status: OPEN - INACTIVE
Agency: SWRCB
Covenant Uploaded: Y
Deed Date(s): 03/02/2001
File Name: Geotracker Land Use/Deed Restrictions

DRAFT

ELECTRO-COATINGS INC (Continued) **1000181776**

Envirostor ID: SL20254872
Area: Not reported
Sub Area: Not reported
Site Type: SLIC
Status: OPEN - INACTIVE
Agency: SWRCB
Covenant Uploaded: Y
Deed Date(s): 11/07/2005
File Name: Geotracker Land Use/Deed Restrictions

FINDS:

Registry ID: 110000831039

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

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: 1000181776
Registry ID: 110000831039
DFR URL: http://echo.epa.gov/detailed-facility-report?fid=110000831039

CERS TANKS:
Site ID: 187500
CERS ID: SL20254872
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

DRAFT

AQ190 **ELECTRO-COATINGS INC** **Alameda County CS** **S110376277**
NW **1401-1421 PARK AVE** **N/A**
1/4-1/2 **EMERYVILLE, CA 94608**
0.497 mi.
2624 ft. **Site 4 of 6 in cluster AQ**

Relative:
Lower

Actual:
17 ft.

Alameda County CS:

Status:	Pollution Characterization
Record Id:	RO0000399
PE:	5602
Facility Status:	Pollution Charaterization
Latitude:	Not reported
Longitude:	Not reported

Status:	Pollution Characterization
Record Id:	RO0000399
PE:	5602
Facility Status:	Pollution Charaterization
Latitude:	Not reported
Longitude:	Not reported

AP191 **CALTRANS OAKLAND MAINTENANCE STATION** **LUST** **S101624333**
West **3465 ETTIE STREET** **Alameda County CS** **N/A**
1/4-1/2 **OAKLAND, CA 94608** **SWEEPS UST**
0.499 mi. **CA FID UST**
2635 ft. **Site 3 of 3 in cluster AP** **HIST CORTESE**
CERS

Relative:
Lower

Actual:
11 ft.

LUST:

Lead Agency:	ALAMEDA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600102133
Global Id:	T0600102133
Latitude:	37.826077
Longitude:	-122.289302
Status:	Completed - Case Closed
Status Date:	06/09/2010
Case Worker:	Not reported
RB Case Number:	01-2319
Local Agency:	Not reported
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	RO0000503
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Diesel
Site History:	The site is situated beneath Highway 580 in an industrial area of Oakland. The USTs were located between freeway columns. On October 19 and 20, 1995 two USTs (one-4,000-gallon gasoline and one 7,000-gallon diesel) were removed from the site. Confirmation samples contained 64,000 mg/kg TPHd (dispenser sample) and 560 mg/kg TPHoil. Tank pit water samples contained 170 a%g/L TPHoil and 2,000 a%g/L TPHd. No benzene was detected in any sample. MTBE was detected in the water sample collected from the gasoline UST excavation at a concentration of 260 a%g/L. The pea gravel was sampled and reused. A small portion of soil (20.6 tons) was removed from the site. Two soil borings were advanced downgradient of the USTs on February 8, 1996. Soil samples contained 1,200 mg/kg TPHoil in TW-1 and groundwater samples contained 2,300,000 a%g/L TPHoil from TW-2. TPHd was not detected with a reporting limit of 62,500 a%g/L. TW-2 is located at a freeway column for Highway 580. On July 29, 1997, six borings were advanced four of which were converted to monitoring wells. Total oil and

DRAFT

CALTRANS OAKLAND MAINTENANCE STATION (Continued) **S101624333**

grease was detected in soil at a maximum concentration of 5,200 mg/kg. Tetrachloroethene was detected at 0.03 mg/kg in sample B4-5 and 0.025 mg/kg 1,2,4 trimethylbenzene and 0.0078 mg/kg 1,3,5 trimethylbenzene were detected in B4-10. No other VOCs were detected in soil. Benzene was detected in a groundwater sample from MW-1 at a concentration of 1.1 a%g/L. No TPHg, TPHd, TOG, MTBE or other VOCs were detected. Subsequent groundwater monitoring occurred for a total of 3 quarters. MTBE was detected at 95 ppb, no other constituents were detected in the wells. Well MW-2 was located less than 15 feet in the downgradient direction from TW-2. Groundwater samples from this well were below the detection limit for TPHg, TPHd, BTEX, MTBE indicating that the contamination is not laterally extensive. The monitoring wells were last sampled March 13, 1998 and shortly afterward destroyed. No monitoring well destruction report was provided at the time of decommissioning.

LUST:

Global Id:	T0600102133
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:	T0600102133
Action Type:	Other
Date:	10/19/1995
Action:	Leak Stopped
Global Id:	T0600102133
Action Type:	ENFORCEMENT
Date:	07/24/2009
Action:	Staff Letter
Global Id:	T0600102133
Action Type:	Other
Date:	10/19/1995
Action:	Leak Discovery
Global Id:	T0600102133
Action Type:	REMEDIATION
Date:	10/19/1995
Action:	Excavation
Global Id:	T0600102133
Action Type:	ENFORCEMENT
Date:	07/03/2008
Action:	Technical Correspondence / Assistance / Other - #20080703
Global Id:	T0600102133
Action Type:	Other
Date:	02/01/1996
Action:	Leak Reported

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CALTRANS OAKLAND MAINTENANCE STATION (Continued) **S101624333**

Global Id: T0600102133
Action Type: ENFORCEMENT
Date: 12/21/2009
Action: File review

Global Id: T0600102133
Action Type: ENFORCEMENT
Date: 06/09/2010
Action: Closure/No Further Action Letter - #20100609

LUST:
Global Id: T0600102133
Status: Open - Case Begin Date
Status Date: 10/20/1995

Global Id: T0600102133
Status: Open - Site Assessment
Status Date: 10/20/1995

Global Id: T0600102133
Status: Open - Site Assessment
Status Date: 02/08/1996

Global Id: T0600102133
Status: Open - Site Assessment
Status Date: 07/29/1997

Global Id: T0600102133
Status: Completed - Case Closed
Status Date: 06/09/2010

LUST REG 2:
Region: 2
Facility Id: 01-2319
Facility Status: Preliminary site assessment underway
Case Number: 3980
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: 3/20/1998
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

Alameda County CS:
Status: Case Closed
Record Id: RO0000503
PE: 5602
Facility Status: Case Closed
Latitude: 37.825696812
Longitude: -122.28887861

DRAFT

CALTRANS OAKLAND MAINTENANCE STATION (Continued) **S101624333**

Status: Case Closed
Record Id: RO0000503
PE: 5602
Facility Status: Case Closed
Latitude: 37.825696812
Longitude: -122.28887861

Status: Case Closed
Record Id: RO0000503
PE: 5602
Facility Status: Case Closed
Latitude: 37.825696812
Longitude: -122.28887861

Status: Case Closed
Record Id: RO0000503
PE: 5602
Facility Status: Case Closed
Latitude: 37.825696812
Longitude: -122.28887861

SWEEPS UST:
Status: Active
Comp Number: 67997
Number: 6
Board Of Equalization: 44-000762
Referral Date: 11-19-93
Action Date: 05-10-94
Created Date: 02-29-88
Owner Tank Id: TSOA-03
SWRCB Tank Id: 01-000-067997-000001
Tank Status: A
Capacity: 4000
Active Date: 11-19-93
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: 2

Status: Active
Comp Number: 67997
Number: 6
Board Of Equalization: 44-000762
Referral Date: 11-19-93
Action Date: 05-10-94
Created Date: 02-29-88
Owner Tank Id: TSOA-01
SWRCB Tank Id: 01-000-067997-000002
Tank Status: A
Capacity: 2500
Active Date: 11-19-93
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

DRAFT

CALTRANS OAKLAND MAINTENANCE STATION (Continued) **S101624333**

CA FID UST:

Facility ID:	01002830
Regulated By:	UTNKA
Regulated ID:	00067997
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4156523206
Mail To:	Not reported
Mailing Address:	3465 ETTIE ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	OAKLAND 94605
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:	01-2319

CERS TANKS:

Site ID:	256050
CERS ID:	T0600102133
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

AQ192 **ELECTRO-COATINGS** **ENVIROSTOR** **S100833503**
NW **1421 PARK AVENUE** **CA BOND EXP. PLAN** **N/A**
1/2-1 **EMERYVILLE, CA 94617** **EMI**
0.511 mi.
2697 ft. **Site 5 of 6 in cluster AQ**

Relative:
Lower

Actual:
15 ft.

ENVIROSTOR:

Facility ID:	1340003
Status:	Refer: Other Agency
Status Date:	12/12/1994
Site Code:	200316
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO

DRAFT

ELECTRO-COATINGS (Continued) **S100833503**

Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Rick Jones
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Berkeley
Assembly: 15
Senate: 09
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.83041
Longitude: -122.2874
APN: 49-617-14-1
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

CA BOND EXP. PLAN:
Reponsible Party: BACKLOG SITE CLEANUP PLANNING REPORT
Project Revenue Source Company: Not reported
Project Revenue Source Addr: Not reported
Project Revenue Source City,St,Zip: Not reported
Project Revenue Source Desc: This site is projected to be remediated by the responsible parties with reimbursement to DHS for its oversight and monitoring costs. However, if the responsible parties are unable to fund the remediation activities, another source of funds will needto be identified.
Site Description: This site is plating facility which previously disposed of chromium waste to shallow wells onsite.
Hazardous Waste Desc: Hexavalent chromium has been detected in the subsurface soil and the ground water.
Threat To Public Health & Env: This is a small site and the public health threat posed by the site is believed to be minimal. The site, which is located in an industrial area, is paved and has restricted access. There is salt water intrusion in the area and ground water is not used for drinking.
Site Activity Status: Phase I soil and ground water sampling has been completed. Phase II sampling has not been initiated because the company declared bankruptcy. This site has

DRAFT

ELECTRO-COATINGS (Continued) **S100833503**

been placed in the backlog due to the relatively low public health/environmental hazard.

EMI:

Year:	1987
County Code:	1
Air Basin:	SF
Facility ID:	2892
Air District Name:	BA
SIC Code:	3471
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:	18
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

AO193 **CUSTOM ALLOY SCRAP SALES** **ENVIROSTOR** **S118757110**
SW **2730 PERALTA STREET** **N/A**
1/2-1 **OAKLAND, CA 94607**
0.514 mi.
2714 ft. **Site 2 of 2 in cluster AO**

Relative:
Lower

Actual:
12 ft.

ENVIROSTOR:

Facility ID:	60000374
Status:	No Action Required
Status Date:	05/24/2007
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	1.24
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:	EPA - PASI
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	EPA Grant
Latitude:	37.82024
Longitude:	-122.2863
APN:	NONE SPECIFIED
Past Use:	RECYCLING - SCRAP METAL
Potential COC:	Polychlorinated biphenyls (PCBs TPH-diesel TPH-gas
Confirmed COC:	NONE SPECIFIED
Potential Description:	OTH, SOIL
Alias Name:	110001162571
Alias Type:	EPA (FRS #)
Alias Name:	60000374

DRAFT

CUSTOM ALLOY SCRAP SALES (Continued) **S118757110**

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: Significant soil staining observed in dismatling lot located between 2730 and 2812 Peralta properties. DTSC site screening recommended. EPA concurrence 8/11/2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 02/16/2007
Comments: Site Visit Report Finalized.

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

194
North
1/2-1
0.515 mi.
2718 ft.

ST ALBANS SENIOR CENTER
I-80 FRONTAGE ROAD, NORTH OF POWELL
EMERYVILLE, CA 94608

ENVIROSTOR **S116165242**
N/A

Relative:
Higher

Actual:
49 ft.

ENVIROSTOR:

Facility ID: 1580001
Status: Refer: Other Agency
Status Date: 05/01/1992
Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Berkeley
Assembly: Not reported
Senate: Not reported
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.83404
Longitude: -122.2796
APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: * HYDROCARBON SOLVENTS Lead

DRAFT

ST ALBANS SENIOR CENTER (Continued) **S116165242**

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

AQ195 **CHROMEX** **ENVIROSTOR** **S116165217**
NW **1400 PARK AVENUE** **CERS** **N/A**
1/2-1 **EMERYVILLE, CA 94608**
0.527 mi.
2783 ft. **Site 6 of 6 in cluster AQ**

Relative:
Lower

Actual:
16 ft.

ENVIROSTOR:
Facility ID: 1340106
Status: Refer: RCRA
Status Date: 07/29/1994
Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not reported
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Berkeley
Assembly: 15
Senate: 09
Special Program: * Site Char & Assess Grant (CERCLA 104)
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.83144
Longitude: -122.2876
APN: 49-1033-2
Past Use: NONE SPECIFIED
Potential COC: * HOUSEHOLD WASTES * UNSPECIFIED ACID SOLUTION Chromium VI Cyanide (free Nickel
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: Not reported
Alias Type: Not reported

DRAFT

CHROMEX (Continued) **S116165217**

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

CERS TANKS:

Site ID:	195962
CERS ID:	T0600102202
CERS Description:	Leaking Underground Storage Tank Cleanup 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

AR196 **CE TOLAND & SON** **LUST** **S100179299**
SW **2635 PERALTA** **Alameda County CS** **N/A**
1/2-1 **OAKLAND, CA 94607** **HIST CORTESE**
0.554 mi. **Notify 65**
2925 ft. **Site 1 of 2 in cluster AR** **CERS**

Relative:
Lower

Actual:
12 ft.

LUST:

Lead Agency:	ALAMEDA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100237
Global Id:	T0600100237
Latitude:	37.820712
Longitude:	-122.2874

DRAFT

CE TOLAND & SON (Continued) **S100179299**

Status: Completed - Case Closed
Status Date: 03/29/1996
Case Worker: Not reported
RB Case Number: 01-0252
Local Agency: Not reported
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: RO0000682
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0600100237
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: T0600100237
Action Type: REMEDIATION
Date: 09/09/9999
Action: Not reported

Global Id: T0600100237
Action Type: Other
Date: 08/14/1989
Action: Leak Reported

LUST:
Global Id: T0600100237
Status: Open - Case Begin Date
Status Date: 08/14/1989

Global Id: T0600100237
Status: Completed - Case Closed
Status Date: 03/29/1996

LUST REG 2:
Region: 2
Facility Id: 01-0252
Facility Status: Case Closed
Case Number: 919
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: 3/14/1990
Preliminary Site Assesment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported

DRAFT

CE TOLAND & SON (Continued) **S100179299**

Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:
Status: Case Closed
Record Id: RO0000682
PE: 5602
Facility Status: Case Closed
Latitude: 37.820068217
Longitude: -122.28720288

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-0252

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: 213993
CERS ID: T0600100237
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

AR197 **CUSTOM ALLOY SCRAP SALES** **ENVIROSTOR** **S118757109**
SW **2601 PERALTA STREET** **N/A**
1/2-1 **OAKLAND, CA 94607**
0.569 mi.
3003 ft. **Site 2 of 2 in cluster AR**

Relative:
Lower

Actual:
12 ft.

ENVIROSTOR:
Facility ID: 60000373
Status: No Action Required
Status Date: 08/11/2006
Site Code: Not reported
Site Type: Evaluation
Site Type Detailed: Evaluation

DRAFT

CUSTOM ALLOY SCRAP SALES (Continued) **S118757109**

Acres:	1.7
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:	EPA - PASI
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	EPA Grant
Latitude:	37.82035
Longitude:	-122.2876
APN:	7-586-2
Past Use:	RECYCLING - SCRAP METAL
Potential COC:	Polychlorinated biphenyls (PCBs Ethylbenzene Toluene Xylenes
Confirmed COC:	30550-NO 30018-NO 30272-NO 30593-NO
Potential Description:	OTH, SOIL
Alias Name:	7-586-2
Alias Type:	APN
Alias Name:	110002630001
Alias Type:	EPA (FRS #)
Alias Name:	T0600100427
Alias Type:	GeoTracker Global ID
Alias Name:	60000373
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:	No action required. EPA concurrence 8/11/2006.
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

198
SSW
1/2-1
0.569 mi.
3006 ft.

BELL METAL FABRICATORS **ENVIROSTOR** **S108054456**
2500 ADELINE **N/A**
OAKLAND, CA 94607

Relative:
Lower

Actual:
13 ft.

ENVIROSTOR:

Facility ID:	60000361
Status:	No Further Action
Status Date:	05/02/2007
Site Code:	Not reported
Site Type:	Evaluation

DRAFT

BELL METAL FABRICATORS (Continued) **S108054456**

Site Type Detailed:	Evaluation
Acres:	0.48
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:	EPA Grant
Latitude:	37.81808
Longitude:	-122.2826
APN:	5-436-13-2
Past Use:	MANUFACTURING - METAL
Potential COC:	NONE SPECIFIED No Contaminants found
Confirmed COC:	No Contaminants found
Potential Description:	SOIL
Alias Name:	5-436-13-2
Alias Type:	APN
Alias Name:	60000361
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	05/10/2007
Comments:	Approval of Site Screening which requires no further actions.
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

199
SSE
1/2-1
0.571 mi.
3014 ft.

ABC CLEANING & LAUNDRY
2701 SAN PABLO AVE
OAKLAND, CA 94612

ENVIROSTOR **U001599572**
HIST UST **N/A**
DRYCLEANERS
EMI

Relative:
Lower

Actual:
27 ft.

ENVIROSTOR:

Facility ID:	60000359
Status:	Inactive - Needs Evaluation
Status Date:	06/13/2007
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	0.25
NPL:	NO

DRAFT

ABC CLEANING & LAUNDRY (Continued) **U001599572**

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: EPA Grant
Latitude: 37.81798
Longitude: -122.2760
APN: 3-3-4
Past Use: DRY CLEANING
Potential COC: Tetrachloroethylene (PCE
Confirmed COC: Tetrachloroethylene (PCE
Potential Description: SURFW
Alias Name: 3-3-4
Alias Type: APN
Alias Name: 60000359
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 06/13/2007
Comments: It is recommended to refer the site to the State (DTSC) for further evaluation.

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 UST:
File Number: Not reported
URL: Not reported
Region: STATE
Facility ID: 00000012154
Facility Type: Other
Other Type: Not reported
Contact Name: Not reported
Telephone: 4158454225
Owner Name: COOPER-HANKINS INC
Owner Address: 2701 SAN PABLO AVE
Owner City,St,Zip: BERKELEY, CA 94702
Total Tanks: 0001

Tank Num: 001
Container Num: #1

DRAFT

ABC CLEANING & LAUNDRY (Continued) **U001599572**

Year Installed:	Not reported
Tank Capacity:	00000500
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

DRYCLEANERS:

EPA Id:	CAL000278713
NAICS Code:	81232
NAICS Description:	Drycleaning and Laundry Services (except Coin-Operated)
SIC Code:	7211
SIC Description:	Power Laundries, Family and Commercial
Create Date:	01/29/2004
Facility Active:	No
Inactive Date:	06/30/2005
Facility Addr2:	Not reported
Owner Name:	PAUL LIM
Owner Address:	180 CORWIN ST 3
Owner Address 2:	Not reported
Owner Telephone:	4158612438
Contact Name:	PAUL LIM
Contact Address:	2701 SAN PABLO AVE
Contact Address 2:	Not reported
Contact Telephone:	5108353641
Mailing Name:	Not reported
Mailing Address 1:	2701 SAN PABLO AVE
Mailing Address 2:	Not reported
Mailing City:	OAKLAND
Mailing State:	CA
Mailing Zip:	94612
Owner Fax:	Not reported
Region Code:	2

EMI:

Year:	1987
County Code:	1
Air Basin:	SF
Facility ID:	3659
Air District Name:	BA
SIC Code:	7216
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
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1998
County Code:	1
Air Basin:	SF
Facility ID:	3659

DRAFT

ABC CLEANING & LAUNDRY (Continued) **U001599572**

Air District Name:	BA
SIC Code:	7216
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
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

AS200
WSW
1/2-1
0.576 mi.
3042 ft.

PAC OVERSEA AIR SVCCOM **ENVIROSTOR** **S121263898**
2801 MANDELA PKWY **N/A**
OAKLAND, CA 94608

Site 1 of 2 in cluster AS

Relative:
Lower

Actual:
11 ft.

ENVIROSTOR:

Facility ID:	80000689
Status:	Inactive - Needs Evaluation
Status Date:	07/01/2005
Site Code:	Not reported
Site Type:	Military Evaluation
Site Type Detailed:	FUDS
Acres:	8
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Duane White
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:	37.82222
Longitude:	-122.2902
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CA99799F581700
Alias Type:	Federal Facility ID
Alias Name:	J09CA0893
Alias Type:	INPR
Alias Name:	80000689
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:	08/28/2017

DRAFT

PAC OVERSEA AIR SVCCOM (Continued) **S121263898**

Comments: DTSC reviewed available information and concurred that soil contamination from two former underground storage tanks needs to be characterized.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Records Research Report (RRR)
Completed Date: 08/02/2017
Comments: Here are several historical environmental documents.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

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201 SE 1/2-1 0.578 mi. 3051 ft.

OAKLAND LAUNDRY COMPANY
730 29TH STREET
OAKLAND, CA 94609

ENVIROSTOR **S102430198**
LUST **N/A**
Alameda County CS
HIST CORTESE
CERS

Relative: Higher
Actual: 35 ft.

ENVIROSTOR:
Facility ID: 1720100
Status: No Further Action
Status Date: 11/05/1980
Site Code: Not reported
Site Type: Historical
Site Type Detailed: * Historical
Acres: 0
NPL: NO
Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
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: 37.81945
Longitude: -122.2727
APN: NONE SPECIFIED
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

DRAFT

OAKLAND LAUNDRY COMPANY (Continued) **S102430198**

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=T0600102012
Global Id: T0600102012
Latitude: 37.8190339
Longitude: -122.2728993
Status: Completed - Case Closed
Status Date: 09/15/1997
Case Worker: Not reported
RB Case Number: 01-2190
Local Agency: Not reported
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: RO0000659
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0600102012
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: T0600102012
Action Type: Other
Date: 10/22/1986
Action: Leak Reported

LUST:
Global Id: T0600102012
Status: Open - Case Begin Date
Status Date: 10/22/1986

Global Id: T0600102012
Status: Completed - Case Closed

DRAFT

OAKLAND LAUNDRY COMPANY (Continued) **S102430198**

Status Date: 09/15/1997

LUST REG 2:
Region: 2
Facility Id: 01-2190
Facility Status: Case Closed
Case Number: 4476
How Discovered: Subsurface Monitoring
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: Not reported
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

Alameda County CS:
Status: Case Closed
Record Id: RO0000659
PE: 5602
Facility Status: Case Closed
Latitude: 37.819131668
Longitude: -122.27283928

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-2190

CERS TANKS:
Site ID: 226547
CERS ID: T0600102012
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

DRAFT

AT202 WSW 1/2-1 0.581 mi. 3067 ft. | **MANDELA PARKWAY EXTENSION PROJECT**
MANDELA PARKWAY AND 32ND STREET
OAKLAND, CA 94607 | **ENVIROSTOR VCP** | **S116165232 N/A**

Site 1 of 3 in cluster AT

Relative: Lower

Actual: 11 ft.

ENVIROSTOR:

Facility ID:	1470006
Status:	Inactive - Action Required
Status Date:	09/03/2010
Site Code:	201216
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	2.6
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:	37.8232
Longitude:	-122.29
APN:	56355-1, 56359-1
Past Use:	RAIL ROAD MAINTENANCE SHOP, RAILROAD RIGHT OF WAY
Potential COC:	Lead TPH-gas
Confirmed COC:	TPH-gas 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:	1470006
Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Cleanup
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	2.6

DRAFT

MANDELA PARKWAY EXTENSION PROJECT (Continued) **S116165232**

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: 201216
Assembly: 18
Senate: 09
Special Programs Code: Voluntary Cleanup Program
Status: Inactive - Action Required
Status Date: 09/03/2010
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 37.8232 / -122.29
APN: 56355-1, 56359-1
Past Use: RAIL ROAD MAINTENANCE SHOP, RAILROAD RIGHT OF WAY
Potential COC: 30013, 30025
Confirmed COC: 30025,30013
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

203
ENE
1/2-1
0.589 mi.
3108 ft.

LUCKY'S AUTO BODY **ENVIROSTOR** **S117333350**
3860/3884 MARTIN LUTHER KING JR. WAY **N/A**
OAKLAND, CA 94609

Relative:
Higher

Actual:
72 ft.

ENVIROSTOR:
Facility ID: 1990026
Status: Refer: Other Agency
Status Date: 10/01/2004
Site Code: 201538
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 0.6
NPL: NO
Regulatory Agencies: SMBRP, RWQCB 2 - San Francisco Bay, ALAMEDA COUNTY, CITY OF OAKLAND
Lead Agency: CITY OF OAKLAND

DRAFT

LUCKY'S AUTO BODY (Continued) **S117333350**

Program Manager: Not reported
Supervisor: Referred - Not Assigned
Division Branch: Cleanup Berkeley
Assembly: 15
Senate: 09
Special Program: EPA - Target Site Investigation
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 37.82884
Longitude: -122.2685
APN: 012-0968-30-1, 012-0968-31
Past Use: RETAIL - SERVICE STATION, VEHICLE MAINTENANCE
Potential COC: * HYDROCARBON SOLVENTS * WASTE OIL & MIXED OIL Benzene Lead TPH-gas Ethylbenzene Toluene Xylenes
Confirmed COC: Benzene Lead TPH-gas Ethylbenzene Toluene Xylenes
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

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204 West 1/2-1 0.590 mi. 3116 ft.

Relative: Lower

Actual: 9 ft.

THOMAS A SHORT CO
3430 WOOD ST
OAKLAND, CA 94662

ENVIROSTOR **S101580166**
LUST **N/A**
CPS-SLIC
Alameda County CS
VCP
CA FID UST
HIST CORTESE
CERS

ENVIROSTOR:
Facility ID: 1340113
Status: Certified
Status Date: 01/09/2004
Site Code: 200354
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 1.1
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Lynn Nakashima

DRAFT

THOMAS A SHORT CO (Continued) **S101580166**

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: 37.82567
Longitude: -122.2907
APN: 7-605-1-21
Past Use: MANUFACTURING - OTHER
Potential COC: * HALOGENATED SOLVENTS * HYDROCARBON SOLVENTS Lead Cadmium and compounds
Confirmed COC: NONE SPECIFIED
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: ALAMEDA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100964
Global Id: T0600100964
Latitude: 37.8255990730882
Longitude: -122.290771007538
Status: Completed - Case Closed
Status Date: 06/23/2010
Case Worker: PK
RB Case Number: 01-1045
Local Agency: ALAMEDA COUNTY LOP
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: RO0000126
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: A subsurface investigation was conducted in August 1992, consisting of borings installed in the immediate vicinity of the existing USTs. Elevated concentrations of petroleum hydrocarbons were detected in soil samples. Two USTs were removed from the site on January 28, 1993. Petroleum impacted soil was present in the tank pit and the

DRAFT

THOMAS A SHORT CO (Continued) **S101580166**

soils were over-excavated on January 29, 1993. Three groundwater monitoring wells were installed at the site. On May 10, 1994, Caltrans purchased the property as part of the Interstate 880 Cypress Freeway Reconstruction project and DTSC assumed lead agency role for cleanup of non-UST related contaminants at the site. Groundwater monitoring continued at the site until June 2004.

LUST:

Global Id:	T0600100964
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:	T0600100964
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:	T0600100964
Action Type:	ENFORCEMENT
Date:	07/24/2009
Action:	Staff Letter - #20070724

Global Id:	T0600100964
Action Type:	RESPONSE
Date:	08/10/2009
Action:	Electronic Reporting Submittal Due

Global Id:	T0600100964
Action Type:	Other
Date:	02/09/1993
Action:	Leak Discovery

Global Id:	T0600100964
Action Type:	REMEDIATION
Date:	01/29/1993
Action:	Excavation

Global Id:	T0600100964
Action Type:	Other
Date:	02/09/1993
Action:	Leak Reported

Global Id:	T0600100964
Action Type:	ENFORCEMENT
Date:	07/24/2009
Action:	Notice of Violation - #20090724

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THOMAS A SHORT CO (Continued) **S101580166**

Global Id: T0600100964
Action Type: ENFORCEMENT
Date: 07/03/2008
Action: Technical Correspondence / Assistance / Other - #20080703

Global Id: T0600100964
Action Type: ENFORCEMENT
Date: 06/23/2010
Action: Closure/No Further Action Letter - #20100623

LUST:
Global Id: T0600100964
Status: Open - Case Begin Date
Status Date: 01/29/1993

Global Id: T0600100964
Status: Open - Site Assessment
Status Date: 01/29/1993

Global Id: T0600100964
Status: Open - Site Assessment
Status Date: 11/15/1996

Global Id: T0600100964
Status: Open - Verification Monitoring
Status Date: 05/21/2002

Global Id: T0600100964
Status: Completed - Case Closed
Status Date: 06/23/2010

LUST REG 2:
Region: 2
Facility Id: 01-1045
Facility Status: Preliminary site assessment underway
Case Number: 386
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: 7/10/1993
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

SLIC REG 2:
Region: 2
Facility ID: SLT2O194297
Facility Status: Leak being confirmed
Date Closed: Not reported
Local Case #: Not reported
How Discovered: Not reported

DRAFT

THOMAS A SHORT CO (Continued) **S101580166**

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

Alameda County CS:

Status: Case Closed
Record Id: RO0000126
PE: 5602
Facility Status: Case Closed
Latitude: 37.825533633
Longitude: -122.29080982

Status: Case Closed
Record Id: RO0000126
PE: 5602
Facility Status: Case Closed
Latitude: 37.825533633
Longitude: -122.29080982

Status: Case Closed
Record Id: RO0000126
PE: 5602
Facility Status: Case Closed
Latitude: 37.825533633
Longitude: -122.29080982

VCP:

Facility ID: 1340113
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 1.1
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: 200354
Assembly: 18
Senate: 09
Special Programs Code: Voluntary Cleanup Program
Status: Certified
Status Date: 01/09/2004
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 37.82567 / -122.2907
APN: 7-605-1-21
Past Use: MANUFACTURING - OTHER

DRAFT

THOMAS A SHORT CO (Continued) **S101580166**

Potential COC: 10003, 10009, 30013, 30108
Confirmed COC: NONE SPECIFIED
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

CA FID UST:
Facility ID: 01001590
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 4156559375
Mail To: Not reported
Mailing Address: PO BOX
Mailing Address 2: Not reported
Mailing City,St,Zip: OAKLAND 94662
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: 01-1045

CERS TANKS:
Site ID: 230620
CERS ID: T0600100964
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: PARESH KHATRI - ALAMEDA COUNTY LOP
Entity Title: Not reported

DRAFT

THOMAS A SHORT CO (Continued) **S101580166**

Affiliation Address:	1131 HARBOR BAY PARKWAY
Affiliation City:	ALAMEDA
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	5107772478
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

AT205 **AT & SF RAILROAD PROPERTY** **ENVIROSTOR** **S116165221**
WSW **ALONG WOOD & 32ND STREET** **VCP** **N/A**
1/2-1 **OAKLAND, CA 94607**
0.595 mi.
3141 ft. **Site 2 of 3 in cluster AT**

Relative:
Lower

Actual:
11 ft.

ENVIROSTOR:

Facility ID:	1400005
Status:	Inactive - Needs Evaluation
Status Date:	09/03/2010
Site Code:	200464
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	5.08
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:	37.82305
Longitude:	-122.2902
APN:	000-0330-004
Past Use:	RAILROAD RIGHT OF WAY
Potential COC:	Arsenic TPH-diesel TPH-MOTOR OIL Mercury and compounds
Confirmed COC:	Arsenic TPH-diesel Mercury and compounds 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

DRAFT

AT & SF RAILROAD PROPERTY (Continued) **S116165221**

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:	1400005
Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Cleanup
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	5.08
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:	200464
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:	37.82305 / -122.2902
APN:	000-0330-004
Past Use:	RAILROAD RIGHT OF WAY
Potential COC:	30001, 30024, 3002502, 30357
Confirmed COC:	30001,30024,30357,3002502
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

DRAFT

AT & SF RAILROAD PROPERTY (Continued) **S116165221**

Schedule Due Date: Not reported
Schedule Revised Date: Not reported

AT206
WSW
1/2-1
0.605 mi.
3192 ft.

Relative:
Lower

Actual:
10 ft.

GENERAL TRANSPORTATION INC.
3211 WOOD ST
OAKLAND, CA 94608

Site 3 of 3 in cluster AT

ENVIROSTOR **S101624431**
LUST **N/A**
Alameda County CS
VCP
SWEEPS UST
CA FID UST
HIST CORTESE
NPDES
CIWQS
CERS

ENVIROSTOR:
Facility ID: 1750018
Status: No Further Action
Status Date: 04/16/1997
Site Code: 200471
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 0.5
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: 37.82337
Longitude: -122.2907
APN: 7-600-1-10
Past Use: VEHICLE MAINTENANCE
Potential COC: * HYDROCARBON SOLVENTS Lead
Confirmed COC: NONE SPECIFIED
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

DRAFT

GENERAL TRANSPORTATION INC. (Continued) **S101624431**

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=T0600100635
Global Id: T0600100635
Latitude: 37.823317
Longitude: -122.289486
Status: Completed - Case Closed
Status Date: 06/10/2014
Case Worker: KEN
RB Case Number: 01-0690
Local Agency: ALAMEDA COUNTY LOP
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: RO0000338
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Diesel, 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. May 13, 1992, Four USTs (One 8,000-gallon diesel, one 8,000-gallon gasoline, one 500-gallon solvent and one 500-gallon waste-oil) were removed from the site. Maximum concentrations in soil sidewall samples were 26,000 mg/kg TPHd, 5,100 mg/kg TVHg, and 1.4 mg/kg benzene. The groundwater sample contained 12,000 a%g/L TPHd, 190 a%g/L TVHg and 23.6 a%g/L lead. An investigation conducted in early 2012 did not reveal the presence of petroleum hydrocarbons in soil or groundwater. LUFT metals were within background concentrations in soil and no dissolved LUFT metals were reported in groundwater.

LUST:
Global Id: T0600100635
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: T0600100635
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: T0600100635
Action Type: Other
Date: 05/19/1992
Action: Leak Discovery

Draft

GENERAL TRANSPORTATION INC. (Continued) **S101624431**

Global Id: T0600100635
Action Type: Other
Date: 05/19/1992
Action: Leak Stopped

Global Id: T0600100635
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Staff Letter - #20090724

Global Id: T0600100635
Action Type: ENFORCEMENT
Date: 12/15/2011
Action: Staff Letter - #20111215

Global Id: T0600100635
Action Type: ENFORCEMENT
Date: 04/02/2012
Action: Staff Letter - #20120402

Global Id: T0600100635
Action Type: ENFORCEMENT
Date: 06/10/2014
Action: Closure/No Further Action Letter - #20140610

Global Id: T0600100635
Action Type: Other
Date: 05/19/1992
Action: Leak Reported

Global Id: T0600100635
Action Type: RESPONSE
Date: 03/29/2012
Action: Soil and Water Investigation Report

Global Id: T0600100635
Action Type: REMEDIATION
Date: 05/13/1992
Action: Excavation

Global Id: T0600100635
Action Type: RESPONSE
Date: 10/22/2011
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0600100635
Action Type: RESPONSE
Date: 12/20/2013
Action: Correspondence

Global Id: T0600100635
Action Type: RESPONSE
Date: 12/20/2013
Action: Other Report / Document

Global Id: T0600100635
Action Type: RESPONSE

DRAFT

GENERAL TRANSPORTATION INC. (Continued) **S101624431**

Date: 12/17/2013
Action: Other Report / Document

Global Id: T0600100635
Action Type: RESPONSE
Date: 08/10/2009
Action: Electronic Reporting Submittal Due

Global Id: T0600100635
Action Type: ENFORCEMENT
Date: 11/18/2013
Action: Staff Letter - #201311/18

Global Id: T0600100635
Action Type: ENFORCEMENT
Date: 04/02/2013
Action: Technical Correspondence / Assistance / Other - #20130402

Global Id: T0600100635
Action Type: ENFORCEMENT
Date: 07/22/2011
Action: Staff Letter

Global Id: T0600100635
Action Type: ENFORCEMENT
Date: 02/15/2011
Action: Notice of Violation - #20110215

Global Id: T0600100635
Action Type: ENFORCEMENT
Date: 05/15/2012
Action: File review

Global Id: T0600100635
Action Type: ENFORCEMENT
Date: 01/24/2014
Action: Staff Letter - #20140124

Global Id: T0600100635
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Notice of Violation - #20090724

Global Id: T0600100635
Action Type: ENFORCEMENT
Date: 07/03/2008
Action: Staff Letter - #20080703

LUST:
Global Id: T0600100635
Status: Open - Assessment & Interim Remedial Action
Status Date: 05/13/1992

Global Id: T0600100635
Status: Open - Case Begin Date
Status Date: 05/19/1992

DRAFT

GENERAL TRANSPORTATION INC. (Continued) **S101624431**

Global Id: T0600100635
Status: Open - Verification Monitoring
Status Date: 03/28/2012

Global Id: T0600100635
Status: Open - Eligible for Closure
Status Date: 07/23/2013

Global Id: T0600100635
Status: Completed - Case Closed
Status Date: 06/10/2014

LUST REG 2:
Region: 2
Facility Id: 01-0690
Facility Status: Preliminary site assessment underway
Case Number: 4074
How Discovered: Tank Closure
Leak Cause: Corrosion
Leak Source: Tank
Date Leak Confirmed: Not reported
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: RO0000338
PE: 5602
Facility Status: Leak Confirmation
Latitude: 37.823980786
Longitude: -122.29063693

Status: Leak Confirmation
Record Id: RO0000338
PE: 5602
Facility Status: Leak Confirmation
Latitude: 37.823980786
Longitude: -122.29063693

Status: Leak Confirmation
Record Id: RO0000338
PE: 5602
Facility Status: Leak Confirmation
Latitude: 37.823980786
Longitude: -122.29063693

VCP:
Facility ID: 1750018
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup

DRAFT

GENERAL TRANSPORTATION INC. (Continued) **S101624431**

Site Mgmt. Req.:	NONE SPECIFIED
Acres:	0.5
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:	200471
Assembly:	18
Senate:	09
Special Programs Code:	Voluntary Cleanup Program
Status:	No Further Action
Status Date:	04/16/1997
Restricted Use:	NO
Funding:	Responsible Party
Lat/Long:	37.82337 / -122.2907
APN:	7-600-1-10
Past Use:	VEHICLE MAINTENANCE
Potential COC:	10009, 30013
Confirmed COC:	NONE SPECIFIED
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

SWEEPS UST:

Status:	Active
Comp Number:	67004
Number:	9
Board Of Equalization:	Not reported
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	02-29-88
Owner Tank Id:	1001
SWRCB Tank Id:	01-000-067004-000001
Tank Status:	A
Capacity:	8000
Active Date:	07-01-85
Tank Use:	M.V. FUEL

DRAFT

GENERAL TRANSPORTATION INC. (Continued) **S101624431**

STG:	P
Content:	LEADED
Number Of Tanks:	2

Status:	Active
Comp Number:	67004
Number:	9
Board Of Equalization:	Not reported
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	02-29-88
Owner Tank Id:	1002
SWRCB Tank Id:	01-000-067004-000002
Tank Status:	A
Capacity:	10000
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	Not reported

CA FID UST:

Facility ID:	01000813
Regulated By:	UTNKA
Regulated ID:	00067004
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	4156520628
Mail To:	Not reported
Mailing Address:	P O BOX
Mailing Address 2:	Not reported
Mailing City,St,Zip:	OAKLAND 94608
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:	01-0690

NPDES:

Facility Status:	Active
NPDES Number:	CAS000001
Region:	2
Agency Number:	0
Regulatory Measure ID:	485965
Place ID:	Not reported
Order Number:	97-03-DWQ
WDID:	2 01I027235
Regulatory Measure Type:	Enrollee

DRAFT

GENERAL TRANSPORTATION INC. (Continued) **S101624431**

Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	07/10/2017
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	3211 Wood Street
Discharge Name:	Sierra Pacific Ready Mix Services dba Allied Concrete Ready Mix
Discharge City:	Oakland
Discharge State:	California
Discharge Zip:	94608
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:	485965
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 01I027235
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	07/10/2017
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Sierra Pacific Ready Mix Services dba Allied Concrete Ready Mix
Discharge Address:	3211 Wood Street
Discharge City:	Oakland
Discharge State:	California
Discharge Zip:	94608
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

DRAFT

GENERAL TRANSPORTATION INC. (Continued) **S101624431**

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

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	485965
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	2 01I027235
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:	07/05/2017

DRAFT

GENERAL TRANSPORTATION INC. (Continued) **S101624431**

Processed Date:	07/10/2017
Status:	Active
Status Date:	07/10/2017
Place Size:	1.5
Place Size Unit:	Acres
Contact:	Randy Burgo
Contact Title:	Owner
Contact Phone:	415-812-1224
Contact Phone Ext:	Not reported
Contact Email:	rburgo9293@aol.com
Operator Name:	Sierra Pacific Ready Mix Services dba Allied Concrete Ready Mix
Operator Address:	3211 Wood Street
Operator City:	Oakland
Operator State:	California
Operator Zip:	94608
Operator Contact:	Randy Burgo
Operator Contact Title:	President
Operator Contact Phone:	415-282-8117
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	rburgo9293@aol.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:	510-749-7604
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N
Receiving Water Name:	East Bay Mud
Certifier:	Randy Burgo
Certifier Title:	President
Certification Date:	05-JUL-17
Primary Sic:	3273-Ready-Mixed Concrete
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

DRAFT

GENERAL TRANSPORTATION INC. (Continued) **S101624431**

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 01I027235
Regulatory Measure Type:	Industrial
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Active
Status Date:	07/10/2017
Operator Name:	Sierra Pacific Ready Mix Services dba Allied Concrete Ready Mix
Operator Address:	3211 Wood Street
Operator City:	Oakland
Operator State:	California
Operator Zip:	94608

NPDES as of 03/2018:

NPDES Number:	CAS000001
Status:	Active
Agency Number:	0
Region:	2
Regulatory Measure ID:	485965
Order Number:	97-03-DWQ
Regulatory Measure Type:	Enrollee
Place ID:	Not reported
WDID:	2 01I027235
Program Type:	Industrial
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	07/10/2017
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	Not reported
Discharge Name:	Sierra Pacific Ready Mix Services dba Allied Concrete Ready Mix
Discharge Address:	3211 Wood Street
Discharge City:	Oakland
Discharge State:	California
Discharge Zip:	94608
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

DRAFT

GENERAL TRANSPORTATION INC. (Continued) **S101624431**

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

NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	485965
Order Number:	Not reported
Regulatory Measure Type:	Industrial
Place ID:	Not reported
WDID:	2 01I027235
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported

DRAFT

GENERAL TRANSPORTATION INC. (Continued) **S101624431**

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:	07/05/2017
Processed Date:	07/10/2017
Status:	Active
Status Date:	07/10/2017
Place Size:	1.5
Place Size Unit:	Acres
Contact:	Randy Burgo
Contact Title:	Owner
Contact Phone:	415-812-1224
Contact Phone Ext:	Not reported
Contact Email:	rburgo9293@aol.com
Operator Name:	Sierra Pacific Ready Mix Services dba Allied Concrete Ready Mix
Operator Address:	3211 Wood Street
Operator City:	Oakland
Operator State:	California
Operator Zip:	94608
Operator Contact:	Randy Burgo
Operator Contact Title:	President
Operator Contact Phone:	415-282-8117
Operator Contact Phone Ext:	Not reported
Operator Contact Email:	rburgo9293@aol.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:	510-749-7604
Emergency Phone Ext:	Not reported
Constype Above Ground Ind:	Not reported
Constype Below Ground Ind:	Not reported
Constype Cable Line Ind:	Not reported
Constype Comm Line Ind:	Not reported
Constype Commertial Ind:	Not reported
Constype Electrical Line Ind:	Not reported
Constype Gas Line Ind:	Not reported
Constype Industrial Ind:	Not reported
Constype Other Description:	Not reported
Constype Other Ind:	Not reported
Constype Recons Ind:	Not reported
Constype Residential Ind:	Not reported
Constype Transport Ind:	Not reported
Constype Utility Description:	Not reported
Constype Utility Ind:	Not reported
Constype Water Sewer Ind:	Not reported
Dir Discharge Uswater Ind:	N

DRAFT

GENERAL TRANSPORTATION INC. (Continued) **S101624431**

Receiving Water Name:	East Bay Mud
Certifier:	Randy Burgo
Certifier Title:	President
Certification Date:	05-JUL-17
Primary Sic:	3273-Ready-Mixed Concrete
Secondary Sic:	Not reported
Tertiary Sic:	Not reported

CIWQS:

Agency:	Sierra Pacific Ready Mix Services dba Allied Concrete Ready Mix
Agency Address:	3211 Wood Street, Oakland, CA 94608
Place/Project Type:	Industrial - Ready-Mixed Concrete
SIC/NAICS:	3273
Region:	2
Program:	INDSTW
Regulatory Measure Status:	Active
Regulatory Measure Type:	Storm water industrial
Order Number:	2014-0057-DWQ
WDID:	2 01I027235
NPDES Number:	CAS000001
Adoption Date:	Not reported
Effective Date:	07/10/2017
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:	37.82337
Longitude:	-122.29074

CERS TANKS:

Site ID:	221323
CERS ID:	T0600100635
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

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

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

DRAFT

GENERAL TRANSPORTATION INC. (Continued) **S101624431**

Affiliation Zip: Not reported
Affiliation Phone: Not reported

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207 West 1/2-1 0.605 mi. 3193 ft.

Relative: Lower

Actual: 9 ft.

SUTTA RECYCLING
3401 WOOD STREET
OAKLAND, CA 94607

ENVIROSTOR **S102428936**
LUST **N/A**
Alameda County CS
VCP
HIST CORTESE
CERS

ENVIROSTOR:

Facility ID:	1280088
Status:	Certified
Status Date:	06/18/2007
Site Code:	200463
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	0.7
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:	37.82503
Longitude:	-122.2901
APN:	7-604-1
Past Use:	PAINT/DEPAINT FACILITY
Potential COC:	Lead TPH-diesel TPH-gas TPH-MOTOR OIL
Confirmed COC:	TPH-diesel TPH-gas 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
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

DRAFT

SUTTA RECYCLING (Continued) **S102428936**

LUST:

Lead Agency:	ALAMEDA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100459
Global Id:	T0600100459
Latitude:	37.8252600921191
Longitude:	-122.290728092194
Status:	Completed - Case Closed
Status Date:	01/02/2013
Case Worker:	Not reported
RB Case Number:	01-0505
Local Agency:	Not reported
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	RO0000347
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Diesel
Site History:	August 14, 1991 One- 1,000 gallon diesel UST was removed from the site. Soil samples indicated residual diesel and the area was overexcavated on September 5, 1991. Remaining concentrations of 86 ppm diesel in soil were overexcavated on October 15, 1991. Three groundwater monitoring wells were installed on-site in May 1995. The three subsequent monitoring events did not detect TPHg or BTEX in site groundwater. However, diesel was detected in two wells during the last monitoring event at concentrations of 400 a%g/L. The DTSC became the lead for the rest of the site that did not include the diesel UST. DTSC closed their portion of the site in 2007.

LUST:

Global Id:	T0600100459
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:	T0600100459
Action Type:	Other
Date:	08/23/1991
Action:	Leak Discovery
Global Id:	T0600100459
Action Type:	ENFORCEMENT
Date:	02/15/2011
Action:	Notice to Comply - #20110215(2)
Global Id:	T0600100459
Action Type:	ENFORCEMENT
Date:	03/06/2009
Action:	Notice to Comply - #20090306
Global Id:	T0600100459
Action Type:	Other
Date:	08/14/1991
Action:	Leak Stopped

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SUTTA RECYCLING (Continued) **S102428936**

Global Id: T0600100459
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Notice of Violation - #20090724

Global Id: T0600100459
Action Type: ENFORCEMENT
Date: 07/24/2009
Action: Staff Letter - #20090724

Global Id: T0600100459
Action Type: ENFORCEMENT
Date: 01/02/2013
Action: Closure/No Further Action Letter - #20130102

Global Id: T0600100459
Action Type: RESPONSE
Date: 06/12/2010
Action: Well Destruction Report

Global Id: T0600100459
Action Type: Other
Date: 11/04/1991
Action: Leak Reported

Global Id: T0600100459
Action Type: REMEDIATION
Date: 08/23/1991
Action: Excavation

Global Id: T0600100459
Action Type: ENFORCEMENT
Date: 12/05/2008
Action: Staff Letter - #20081205

Global Id: T0600100459
Action Type: RESPONSE
Date: 04/15/2011
Action: Well Destruction Report

Global Id: T0600100459
Action Type: ENFORCEMENT
Date: 05/12/2010
Action: Notice to Comply - #20100512

Global Id: T0600100459
Action Type: ENFORCEMENT
Date: 02/15/2011
Action: Notice of Violation - #20110215

Global Id: T0600100459
Action Type: ENFORCEMENT
Date: 05/23/2011
Action: Staff Letter - #20110523

Global Id: T0600100459
Action Type: ENFORCEMENT

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SUTTA RECYCLING (Continued) **S102428936**

Date: 07/03/2008
Action: Staff Letter - #20080703

Global Id: T0600100459
Action Type: ENFORCEMENT
Date: 03/05/2012
Action: Notice of Violation

LUST:
Global Id: T0600100459
Status: Open - Case Begin Date
Status Date: 08/14/1991

Global Id: T0600100459
Status: Open - Site Assessment
Status Date: 08/14/1991

Global Id: T0600100459
Status: Open - Site Assessment
Status Date: 02/24/1995

Global Id: T0600100459
Status: Open - Site Assessment
Status Date: 03/23/1995

Global Id: T0600100459
Status: Open - Site Assessment
Status Date: 07/21/1995

Global Id: T0600100459
Status: Open - Verification Monitoring
Status Date: 07/21/1995

Global Id: T0600100459
Status: Open - Eligible for Closure
Status Date: 12/12/2008

Global Id: T0600100459
Status: Completed - Case Closed
Status Date: 01/02/2013

Global Id: T0600100459
Status: Completed - Case Closed
Status Date: 01/02/2013

Global Id: T0600100459
Status: Open - Eligible for Closure
Status Date: 01/02/2013

LUST REG 2:
Region: 2
Facility Id: 01-0505
Facility Status: Preliminary site assessment underway
Case Number: 4264
How Discovered: Tank Closure

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SUTTA RECYCLING (Continued) **S102428936**

Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
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: Case Closed
Record Id: RO0000347
PE: 5602
Facility Status: Case Closed
Latitude: 37.824621907
Longitude: -122.29084436

Status: Case Closed
Record Id: RO0000347
PE: 5602
Facility Status: Case Closed
Latitude: 37.824621907
Longitude: -122.29084436

Status: Case Closed
Record Id: RO0000347
PE: 5602
Facility Status: Case Closed
Latitude: 37.824621907
Longitude: -122.29084436

Status: Case Closed
Record Id: RO0000347
PE: 5602
Facility Status: Case Closed
Latitude: 37.824621907
Longitude: -122.29084436

Status: Case Closed
Record Id: RO0000347
PE: 5602
Facility Status: Case Closed
Latitude: 37.824621907
Longitude: -122.29084436

Status: Case Closed
Record Id: RO0000347
PE: 5602
Facility Status: Case Closed
Latitude: 37.824621907
Longitude: -122.29084436

VCP:
Facility ID: 1280088

DRAFT

SUTTA RECYCLING (Continued) **S102428936**

Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Cleanup
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	0.7
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:	200463
Assembly:	18
Senate:	09
Special Programs Code:	Voluntary Cleanup Program
Status:	Certified
Status Date:	06/18/2007
Restricted Use:	NO
Funding:	Responsible Party
Lat/Long:	37.82503 / -122.2901
APN:	7-604-1
Past Use:	PAINT/DEPAINT FACILITY
Potential COC:	30013, 30024, 30025, 3002502
Confirmed COC:	30024,30025,30013,3002502
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
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:	01-0505
Region:	CORTESE
Facility County Code:	1
Reg By:	CALSI
Reg Id:	01280088

DRAFT

SUTTA RECYCLING (Continued) **S102428936**

CERS TANKS:

Site ID:	257654
CERS ID:	T0600100459
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

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208 West 1/2-1 0.606 mi. 3198 ft.

SEISMIC RETROFIT SFOBB DISTRIBUTION STRUCTURE ON INTERSTATE 580 AT KILOMETER POST 74.5 OAKLAND, CA 94608 **ENVIROSTOR VCP** **S108195953 N/A**

Relative: Lower

Actual: 9 ft.

ENVIROSTOR:

Facility ID:	60000492
Status:	Inactive - Needs Evaluation
Status Date:	09/03/2010
Site Code:	Not reported
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	28
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:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	37.82719
Longitude:	-122.2910
APN:	NONE SPECIFIED
Past Use:	UNKNOWN
Potential COC:	Lead Polynuclear aromatic hydrocarbons (PAHs TPH-diesel TPH-MOTOR OIL Zinc
Confirmed COC:	Polynuclear aromatic hydrocarbons (PAHs TPH-diesel Lead TPH-MOTOR OIL Zinc
Potential Description:	SOIL
Alias Name:	201614
Alias Type:	Former Project ID
Alias Name:	110033610135
Alias Type:	EPA (FRS #)
Alias Name:	60000492
Alias Type:	Envirostor ID Number

DRAFT

SEISMIC RETROFIT SFOBB DISTRIBUTION STRUCTURE (Continued) **S108195953**

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Investigation Workplan
Completed Date:	03/31/2006
Comments:	Sampling plan approved for implementation.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Fieldwork
Completed Date:	11/29/2006
Comments:	Sampling analytical results indicate that the soil could be used reuse onsite.

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:	60000492
Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Cleanup
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	28
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:	Not reported
Assembly:	18
Senate:	09
Special Programs Code:	Not reported
Status:	Inactive - Needs Evaluation
Status Date:	09/03/2010
Restricted Use:	NO
Funding:	Responsible Party
Lat/Long:	37.82719 / -122.2910
APN:	NONE SPECIFIED
Past Use:	UNKNOWN
Potential COC:	30013, 30019, 30024, 3002502, 30594
Confirmed COC:	30019,30024,30013,3002502,30594
Potential Description:	SOIL
Alias Name:	201614
Alias Type:	Former Project ID
Alias Name:	110033610135
Alias Type:	EPA (FRS #)
Alias Name:	60000492

DRAFT

SEISMIC RETROFIT SFOBB DISTRIBUTION STRUCTURE (Continued) **S108195953**

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 03/31/2006
Comments: Sampling plan approved for implementation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 11/29/2006
Comments: Sampling analytical results indicate that the soil could be used reuse onsite.

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

AU209 **LAHER SPRING AND ELECTRIC CAR** **ENVIROSTOR** **S106895190**
SSW **2419 MAGNOLIA STREET** **N/A**
1/2-1 **OAKLAND, CA 94607**
0.611 mi.
3228 ft. **Site 1 of 3 in cluster AU**

Relative:
Lower

Actual:
12 ft.

ENVIROSTOR:

Facility ID: 1990016
Status: Certified
Status Date: 09/01/1983
Site Code: Not reported
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 2.17
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: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.81777
Longitude: -122.2847
APN: NONE SPECIFIED
Past Use: MANUFACTURING - OTHER, MANUFACTURING - OTHER
Potential COC: Asbestos Containing Materials (ACM
Confirmed COC: Asbestos Containing Materials (ACM

DRAFT

LAHER SPRING AND ELECTRIC CAR (Continued) **S106895190**

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

AS210
WSW
1/2-1
0.621 mi.
3279 ft.

Relative:
Lower

Actual:
11 ft.

PACIFIC OVERSEAS AIR SERVICE COMMAND STAGING AREA **FUDS** **1010309831**
N/A

OAKLAND, CA

Site 2 of 2 in cluster AS

FUDS:
EPA Region: 09
Congressional District: 13
FUDS Number: J09CA0893
State: CA
Facility Name: PACIFIC OVERSEAS AIR SERVICE COMMAND STAGING AREA
Fiscal Year: 2013
City: OAKLAND
Federal Facility ID: CA9799F5817
Telephone: 916-557-7461
INST ID: 57693
County: ALAMEDA
RAB: Not reported
CORPS_DIST: Sacramento District (SPK)
NPL Status: Not Listed
CTC: 218.80000000000001
Current Owner: Private Sector
Future Prog: Not reported
Description: The site is located within the city of Oakland, CA, and is approximately 0.25 miles south of the I-80, 580, and 880 interchange. It was comprised of five separate parcels, four of which were reportedly leased while the fifth was acquired through a donation via revocable permit. The total land acquired was 7.559 acres. It was bordered by 34th, 28t\\ and Cypress and Willow and 26th Streets. Prior to acquisition by the Department of Defense (DoD), a warehouse and office were constructed in the 1930s.The site is currently owned by several private interests and used for a machine shop, concrete and trucking company, auto parts store, supply warehouse, and other similar industrial purposes. An office and a large warehouse, which were utilized by the DoD, remain on site and have been remodeled.
Current Program: Not reported

DRAFT

PACIFIC OVERSEAS AIR SERVICE COMMAND STAGING AREA (Continued) **1010309831**

History: The former Pacific Overseas Air Service Command Staging Area was used as a Military Reservation by the DoD for open storage. Use began in 1942 with the acquisition of the land mentioned in Section 3. The leases and revocable permit were terminated during 1945 and 1946. There is no record of DoD improvements on this land. Per the revocable permit the DoD was to remove any paving done on the permitted parcel of land.The area of the former Pacific Overseas Air Service Command Staging Area has been developed for various industrial uses. In June 1991, two underground storage tanks were removed by the Wareham Property Group. The tanks had been discovered during the construction of a loading dock. Soil samples collected in the vicinity of the tanks showed some contamination was present although the extent was not determined. Evidence exists that the tanks were installed in the 1930s when the office and warehouse were built. USACE was authorized to conduct a records search and review to determine whether the DoD bore any responsibility for hazardous substance releases at the property and, if so, in what proportion to other users of the property.During the course of the records review, the Wareham Property Group was contacted by the Office of Counsel. The property owner stated that they did not have a claim against DoD.

Latitude Degree:	37
Latitude Minute:	49
Latitude Second:	20
Latitude Direction:	N
Longitude Degree:	-122
Longitude Minute:	17
Longitude Second:	25
Longitude Direction:	E

211
NW
1/2-1
0.630 mi.
3326 ft.

45TH STREET ARTIST COOPERATIVE
1420 45TH STREET
EMERYVILLE, CA 92633

Notify 65 **S100178875**
N/A

Relative:
Lower

Actual:
17 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

AU212
SSW
1/2-1
0.637 mi.
3364 ft.

NORTHWESTERN VENETIAN SUPPLY CORP. SITE
1218 24TH STREET
OAKLAND, CA 94607

Site 2 of 3 in cluster AU

RESPONSE **S101007019**
ENVIROSTOR **N/A**
CPS-SLIC
LIENS
DEED
Cortese

Relative:
Lower

Actual:
12 ft.

RESPONSE:

Facility ID:	1340123
Site Type:	State Response
Site Type Detail:	State Response or NPL
Acres:	0.13

DRAFT

NORTHWESTERN VENETIAN SUPPLY CORP. SITE (Continued) **S101007019**

National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP, CITY OF OAKLAND
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Yongsheng (Johnny) Sun
Supervisor:	Karen Toth
Division Branch:	Cleanup Berkeley
Site Code:	201975
Site Mgmt. Req.:	NONE SPECIFIED
Assembly:	18
Senate:	09
Special Program Status:	Not reported
Status:	Active
Status Date:	05/27/2014
Restricted Use:	YES
Funding:	Responsible Party
Latitude:	37.81774
Longitude:	-122.2849
APN:	005 043800500, 5-438-5
Past Use:	MANUFACTURING - OTHER
Potential COC :	Benzene Lead 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE
Confirmed COC:	Benzene Lead 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE
Potential Description:	IA, 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:	1340123
Status:	Active
Status Date:	05/27/2014
Site Code:	201975
Site Type:	State Response
Site Type Detailed:	State Response or NPL
Acres:	0.13
NPL:	NO
Regulatory Agencies:	SMBRP, CITY OF OAKLAND
Lead Agency:	SMBRP
Program Manager:	Yongsheng (Johnny) Sun
Supervisor:	Karen Toth
Division Branch:	Cleanup Berkeley
Assembly:	18

DRAFT

NORTHWESTERN VENETIAN SUPPLY CORP. SITE (Continued) **S101007019**

Senate: 09
Special Program: Not reported
Restricted Use: YES
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.81774
Longitude: -122.2849
APN: 005 043800500, 5-438-5
Past Use: MANUFACTURING - OTHER
Potential COC: Benzene Lead 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE
Confirmed COC: Benzene Lead 1,1,1-Trichloroethane (TCA Trichloroethylene (TCE
Potential Description: IA, 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

SLIC REG 2:
Region: 2
Facility ID: 01S0205
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

LIENS:
Envirostor Id: 1340123
Latitude: 37.817745
Longitude: -122.28491
Project Mgr: YONGSHENG (JOHNNY) SUN
Project Code: 201574, 201975
If Satisfied: NO
Date Satisfied: Not reported

DRAFT

NORTHWESTERN VENETIAN SUPPLY CORP. SITE (Continued) **S101007019**

Site Status: ACTIVE
Site Type: STATE RESPONSE OR NPL
Completed: 06/01/2011
Lien Amount: $118,161.58
Amount Remaining: Not reported
APNS: 005 043800500, 5-438-5
Description: A single-story brick warehouse building constructed sometime between 1912 and 1930 occupies a majority of the 0.13-acre site property. The use of the building prior to 1958 is unknown. The current owner of the site property has been the Northwestern Venetian Supply Company (Northwestern) since 1958. Northwestern manufactured and painted metal blinds onsite from 1958 until July 1987 using chemicals that included oil-based paints, lacquers, thinners, and the volatile organic compounds (VOCs) trichloroethylene (TCE) and 1,1,1-trichloroethane (1,1,1-TCA). The property was vacant between the late 1980s and 2001. An ornamental iron gate manufacturer then leased and conducted operations onsite from 2001 to 2004. The Site is currently used for a metal fabricating business.

DEED:
Envirostor ID: 1340123
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: STATE RESPONSE
Status: ACTIVE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 05/02/2012
File Name: Envirostor Land Use Restrictions

CORTESE:
Region: CORTESE
Envirostor Id: 1340123
Site/Facility Type: STATE RESPONSE
Cleanup Status: ACTIVE - LAND USE RESTRICTIONS
Status Date: 05/27/2014
Site Code: 201574, 201574, 201975
Latitude: 37.817745
Longitude: -122.28491
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

DRAFT

AU213 **NORTHWESTERN VENETIAN SUPPLY CORP. SITE** **HIST Cal-Sites** **S106893872**
SSW **1218 24TH STREET** **N/A**
1/2-1 **OAKLAND, CA 94607**
0.637 mi.
3364 ft. **Site 3 of 3 in cluster AU**

Relative:
Lower

Actual:
12 ft.

Calsite:

Region:	BERKELEY
Facility ID:	01340123
Facility Type:	RP
Type:	RESPONSIBLE PARTY
Branch:	NC
Branch Name:	NORTH COAST
File Name:	Not reported
State Senate District:	03172005
Status:	ANNUAL WORKPLAN (AWP) - ACTIVE SITE
Status Name:	ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency:	DEPT OF TOXIC SUBSTANCES CONTROL
NPL:	Not Listed
SIC Code:	34
SIC Name:	MANU - FABRICATED METAL PRODUCTS
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:	RMIYA
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

DRAFT

NORTHWESTERN VENETIAN SUPPLY CORP. SITE (Continued) **S106893872**

Unknown Type: Not reported
Alternate Address: 1218 24TH STREET
Alternate City,St,Zip: OAKLAND, CA 94607
Background Info: A single-story brick warehouse building constructed sometime between 1912 and 1930 occupies a majority of the 0.13-acre site property. The use of the building prior to 1958 is unknown.
The current owner of the site property has been the Northwestern Venetian Supply Company (Northwestern) since 1958. Northwestern manufactured and painted metal blinds onsite from 1958 until July 1987 using chemicals that included oil-based paints, lacquers, thinners, and the volatile organic compounds (VOCs) trichloroethylene (TCE) and 1,1,1-trichloroethane (1,1,1-TCA).
The property appears to have been vacant between the late 1980s and 2001. An ornamental iron gate manufacturer then leased and conducted operations onsite from 2001 to 2004. The chemical use(s) associated with the ornamental iron gate manufacturer is unknown. The property has remained vacant since February 2004.
Comments Date: 05022005
Comments: Issued I & SE Determination and Remedial Action Order. DTSC is
Comments Date: 05022005
Comments: the lead agency overseeing characterization and remediation of
Comments Date: 05022005
Comments: soil and groundwater contamination at the site.
Comments Date: 09242004
Comments: Completed Site Screening. Recommended removal/remedial action
Comments Date: 09242004
Comments: implementation due to soil and groundwater contamination
Comments Date: 09242004
Comments: detected onsite exceeding US EPA Region IX residential
Comments Date: 09242004
Comments: Preliminary Remediation Goals and Maximum Contaminant Levels.
Comments Date: 09242004
Comments: No remedial actions have been implemented to date.
ID Name: CALSTARS CODE
ID Value: 201574
ID Name: EPA IDENTIFICATION NUMBER
ID Value: CAD009185653
Alternate Name: NORTHWESTERN VENETIAN SUPPLY CORP. SITE
Alternate Name: NORTHWESTERN VENETIAN
Alternate Name: Not reported
Special Programs Code: Not reported
Special Programs Name: Not reported

214
NW
1/2-1
0.639 mi.
3372 ft.

Relative:
Lower

Actual:
13 ft.

SOUTHERN PACIFIC TRANSPORTATION COM
1450 SHERWIN AVE
EMERYVILLE, CA 94608

RESPONSE **S104396738**
ENVIROSTOR **N/A**
LUST
CPS-SLIC
Alameda County CS
DEED
Cortese
ENF
CIWQS
CERS

RESPONSE:
Facility ID: 60000189
Site Type: State Response
Site Type Detail: State Response or NPL

DRAFT

SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Acres:	10
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP, RWQCB 2 - San Francisco Bay, ALAMEDA COUNTY
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Janet Naito
Supervisor:	Janet Naito
Division Branch:	Cleanup Berkeley
Site Code:	202179
Site Mgmt. Req.:	NONE SPECIFIED
Assembly:	15
Senate:	09
Special Program Status:	Designation of Single Agency
Status:	Certified / Operation & Maintenance
Status Date:	01/23/2013
Restricted Use:	YES
Funding:	Responsible Party
Latitude:	37.83294
Longitude:	-122.2897
APN:	049 104102615, 049-1041-005-00, 049-1041-006-00, 049-1041-006-04, 049-1041-026-02, 049-1041-026-06, 049-1041-026-07
Past Use:	PAINT MANUFACTURING, MANUFACTURING - PESTICIDES
Potential COC :	Arsenic Benzene Lead TPH-diesel TPH-gas Acetone Ethylbenzene Methyl ethyl ketone (2-Butanone Toluene Xylenes
Confirmed COC:	Toluene TPH-diesel TPH-gas Acetone Ethylbenzene Methyl ethyl ketone (2-Butanone Arsenic Benzene Lead Xylenes
Potential Description:	OTH, SOIL
Alias Name:	049 104102615
Alias Type:	APN
Alias Name:	049-1041-005-00
Alias Type:	APN
Alias Name:	049-1041-006-00
Alias Type:	APN
Alias Name:	049-1041-006-04
Alias Type:	APN
Alias Name:	049-1041-026-02
Alias Type:	APN
Alias Name:	049-1041-026-06
Alias Type:	APN
Alias Name:	049-1041-026-07
Alias Type:	APN
Alias Name:	110000483762
Alias Type:	EPA (FRS #)
Alias Name:	SL18257678
Alias Type:	GeoTracker Global ID
Alias Name:	T0600101139
Alias Type:	GeoTracker Global ID
Alias Name:	200956
Alias Type:	Project Code (Site Code)
Alias Name:	202067
Alias Type:	Project Code (Site Code)
Alias Name:	202179
Alias Type:	Project Code (Site Code)
Alias Name:	60000189
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported

DRAFT

SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Completed Document Type: Correspondence
Completed Date: 07/30/2014
Comments: Proposed/Approved Contingency Action for Monitoring Well CDM-108. An increased frequency of groundwater monitoring for dissolved arsenic at CDM-108, from semiannual to quarterly from July 2014 through April 2016, is proposed as a contingency action. DTSC finds the proposed contingency action acceptable. In addition, DTSC requests that if in any sample dissolved arsenic concentrations exceed 500 micrograms per liter (1-I9/L), Sherwin-Williams will notify DTSC, within 60 days of receipt of laboratory results, of its recommendations for implementation of a contingency action in accordance with the O&M Plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/30/2013
Comments: Notification of property transfer on December 31, 2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/20/2012
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: Other Report
Completed Date: 06/14/2004
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board as required by their order.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/27/2004
Comments: Monthly Project Activities Summary Report, dated July 2004. This report was submitted to the San Francisco Regional Water Quality Control Board as required by their order.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/30/2004
Comments: Monthly Project Activities Summary Report, dated August 2004. This report was submitted to the San Francisco Regional Water Quality Control Board as required by the Order.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/01/2004
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board as required by their order.

Completed Area Name: PROJECT WIDE

DRAFT

SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/01/2004
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board as required by their order.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/01/2004
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board as required by their order.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/29/2004
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board as required by their order.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/27/2005
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board as required by their order.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/01/2005
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board as required by their order.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/29/2005
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board as required by their order.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/02/2005
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board as required by their order.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/02/2005
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board as required by their order.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

DRAFT

SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Completed Document Type: Other Report
Completed Date: 06/29/2005
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board as required by their order.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/29/2005
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board as required by their order.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/01/2005
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board as required by their order.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/30/2005
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board as required by their order.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/02/2005
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board as required by their order.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/30/2005
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board as required by their order.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/05/2006
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board as required by their order.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 01/13/2006
Comments: This fact sheet was issued by the San Francisco Regional Water Quality Control Board.

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

DRAFT

SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Completed Date: 02/01/2006
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board as required by their order.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 07/30/2004
Comments: National Pollutant Discharge Elimination System (NPDES) Self-Monitoring Report for the Groundwater Extraction and Treatment System for the Quarterly Period from April 1 to June 30, 2004, dated July 30, 2004. This report was submitted to the San Francisco Regional Water Quality Control Board as required by the Order. The report summarizes operations and monitoring data for the GWETS at the Site during the April 1 to June 30, 2004 quarterly reporting period. During the reporting period, monthly sampling of the GWETS effluent showed that it complied with all NPDES effluent limitations, with one exception.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 04/30/2004
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board as required by their order.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/31/2004
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 07/29/2005
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 04/29/2005
Comments: National Pollutant Discharge Elimination System (NPDES) Self-Monitoring Report for the Groundwater Extraction and Treatment System for the Quarterly Period from January 1 to March 31, 2005, dated April 29, 2005. The approved report summarizes operations and monitoring data for the GWETS at the Site during the January 1 to March 31, 2005 quarterly reporting period. During the reporting period, monthly sampling of the GWETS effluent showed that it complied with all NPDES effluent limitations.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/31/2006

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Comments: This report was submitted to the San Francisco Regional Water Quality Control Board.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/31/2005
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 04/30/2003
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 07/31/2003
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/31/2003
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/31/2004
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 03/05/1999
Comments: This work was done under the oversight of the SFRWQCB.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/19/1996
Comments: This work was done under the oversight of the SFRWQCB.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/02/2006
Comments: This report is submitted in accordance with a SFRWQCB order.

Completed Area Name: PROJECT WIDE

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 06/30/1998
Comments: Document submitted to the Water Board per their Order requirements.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 02/28/2005
Comments: Document submitted to Water Board per their Order requirements

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/03/2006
Comments: Submitted via electronic mail

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/01/2006
Comments: Monthly report has been submitted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 11/15/2006
Comments: Approved report. One additional monitoring well will be installed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 08/22/2006
Comments: Groundwater monitoring plan amended and approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Feasibility Study Workplan
Completed Date: 01/16/2007
Comments: FS Workplan approved with modifications and comments to be addressed in the FS Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 04/19/2005
Comments: Report submitted to the Water Board as per their Order requirements.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 04/28/2006
Comments: FactSheet issued that identified DTSC as the new regulatory lead agency. It includes a community survey for the project.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Completed Document Type: Treatability Study Workplan
Completed Date: 12/19/2006
Comments: Workplan approved with modifications. Field work will begin 12/14/2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/27/2006
Comments: Report accepted, no significant comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/05/2006
Comments: Monthly Progress report submitted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Tank Removal Report
Completed Date: 09/29/1994
Comments: Report documents the removal of four buried approximately 6,500 gallon steel rail cars containing Bunker C. These four rail cars were removed between July 25, 1994 and August 5, 1994 under the oversight of the Emeryville Fire Department and Alameda County Environmental Health Department.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 06/30/2011
Comments: Remedial Design and Implementation Plan, dated June 29, 2011. Approved plan includes soil excavation and groundwater monitoring. The remediation design has been prepared in accordance with the Department of Toxic Substances Control (DTSC) Imminent and Substantial Endangerment Determination and Order and Remedial Action Order No. 05/06-007 (the Order) (Cal/EPA, 2006) and the DTSC-approved Remedial Action Plan (RAP) for the Site (CDM, 2010; Cal/EPA, 2010).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 04/12/2012
Comments: Remediation of soil complete. GW monitoring wells in place for continued GW monitoring.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 08/06/2012
Comments: Remedy Implementation Completion Report, dated July 25, 2012. Soil Excavation completed and arsenic goals achieved; gw monitoring continuing; soil gas sampling to be conducted. Land use covenant recorded with Alameda County

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Completed Document Type: Operations and Maintenance Plan
Completed Date: 12/17/2012
Comments: Operations and Maintenance Plan, details Semi-annual GW monitoring, followed by annual GW monitoring.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 05/29/2002
Comments: SF Bay Regional Water Board's Fact Sheet Announcing the Public Comment Period for the Remedial Investigation Report. Public comment period ran from 4/2/2002 to 5/2/2002.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/04/2006
Comments: Report accepted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/05/2006
Comments: Report accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/29/2006
Comments: Report submitted by Sherwin-Williams

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/30/2006
Comments: Monthly Status Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 11/17/2006
Comments: Work Notice approved for distribution.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 11/14/2006
Comments: Soil vapor sampling work plan approved with modifications. Work scheduled for week of 11/27.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 11/30/2006
Comments: Monitoring well installed 11/28/06; soil vapor samples collected 11/29/06 and 11/30/06.

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 06/29/2007
Comments: Public Participation Specialist signed the Public Participation Plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/01/2006
Comments: Report accepted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 08/29/2007
Comments: DTSC sent final copy of the fact sheet and mailing list to consultant to mail out. Consultant mailed out fact sheet on 9/4 and DTSC received on 9/5.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 12/23/2005
Comments: Water Board approved the Human Health Risk Assessment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/30/2006
Comments: Report accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/28/2006
Comments: Report accepted. Addresses quarterly period from April 1 to June 30, 2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/07/1996
Comments: Document submitted to the City of Emeryville.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 04/20/2007
Comments: Sounding event completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/17/2007
Comments: Semiannual groundwater monitoring event completed.

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 06/14/2010
Comments: DTSC approves Final Remedial Action Plan. Remedial Design scheduled to be submitted in September 2010, with implementation tentatively scheduled to begin in late-February/March 2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 03/01/2007
Comments: No comments on document. Information gathered will be evaluated as part of the feasibility study.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 03/01/2007
Comments: No comments on document. The information gathered will be evaluated as part of the feasibility study and the monitoring well will be incorporated into the groundwater monitoring program for the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 04/12/2007
Comments: Report indicates that further study is necessary in the next Phase to evaluate arsenic within the amorphous silica matrix within the groundwater table.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Treatability Study Workplan
Completed Date: 06/28/2007
Comments: Workplan outlines which materials will be further tested in column tests as described in the initial treatability study workplan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 03/19/2007
Comments: Report discusses the laboratory bench scale testing conducted to determine an appropriate grout mixture for pilot testing insitu injection in Phase III.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/30/2007
Comments: Report adequate.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/08/2007
Comments: Report accepted.

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/05/2007
Comments: Report accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/02/2007
Comments: Report accepted; no significant comments

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/22/2007
Comments: Report adequately documents groundwater sounding event conducted during the first quarter 2007. Groundwater sampling occurred in April 2007.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/04/2007
Comments: Monthly Project Activities Summary Report, April 2007. Interim Remedial Measures, Feasibility Study/Remedial Action Plan Reports, NPDES and Groundwater Monitoring, Community Relations, Other Activities, Compliance with Order S/E 05/06-007.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Treatability Study Report
Completed Date: 06/28/2007
Comments: The study found that the vast majority of the arsenic within the site soils is bound within amorphous silica. Therefore, the mobility of arsenic in the soils will be controlled by the stability of the amorphous silica. Amorphous silica becomes unstable (the solubility increases) at pH values above about 9-10.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Treatability Study Report
Completed Date: 09/24/2007
Comments: Report presents results of the Phase III Grout Injection Pilot Test but does not interpret results. Interpretation will be provided in Feasibility Study Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/04/2007
Comments: Monthly Report discusses ongoing temporary shutdown of the GWETS and demolition activities.

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

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Completed Date: 11/06/2007
Comments: Report accepted. Additional public participation activities are being discussed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Treatability Study Report
Completed Date: 01/29/2008
Comments: Comments on the report adequately addressed; no additional comment/response exchange or further revision to the report required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Treatability Study Report
Completed Date: 02/26/2008
Comments: DTSC approved finalizing reports on 2/11/2008. Final documents received 2/26/2008.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Treatability Study Report
Completed Date: 02/26/2008
Comments: DTSC approved finalizing this report on 2/11/2008. Final report received 2/26/2008.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/30/2007
Comments: July 2007 Monthly Summary Report accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/29/2007
Comments: Monthly summary report accepted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/05/2007
Comments: August 2007 Monthly Summary Report submitted and accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/11/2007
Comments: Report accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 12/17/2007
Comments: Letter notifying DTSC that the groundwater extraction and treatment system was successfully restarted and became fully operational as of December 7, 2007. The groundwater extraction and treatment system was offline for approximately 15 weeks to allow for demolition of several

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

onsite structures. No cahnges were made to the treatment system. There is a new layout for the conveyance lines.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/14/2007
Comments: DTSC received the report on 12/14/2007. The report documents the results of depth to groundwater monitoring conducted at the former Rifkin property on Friday, October 12, 2007 and weekly groundwater level monitoring conducted at site piezometers from 9/28/2007 through 10/19/2007.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/14/2007
Comments: DTSC received document on 12/14/2007. Report documents groundwater level measurements conducted at the former Rifkin property on Friday, November 9, 2007 and groundwater level measurements collected at piezometers on 10/26/2007 through 11/15/2007.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/11/2008
Comments: December 2007 Monthly Status Report received.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/30/2008
Comments: Report accepted. Groundwater extraction system was shutdown 8/15/2007 and treatment system was shutdown on 8/22/2007 to accomodate building demolition activities. System was brought back on-line 12/3/2007, with full normal operation beginning 12/7/2007.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Treatability Study Report
Completed Date: 03/18/2008
Comments: DTSC has no comments on this document; document accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/07/2008
Comments: Report accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 03/19/2008
Comments: Final fact sheet sent to RP's consultant for distribution.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Completed Document Type: Other Report
Completed Date: 03/11/2008
Comments: Monthly report accepted with one modification. The report should reflect the abandonment of three groundwater monitoring wells on UPRR Parcel D property in March 2008 and the proposed soil borings and Groundwater Zone B pump test that may begin in late-March/early-April. Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/09/2008
Comments: March 2008 Monthly Report accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 04/23/2008
Comments: Workplan was approved for implementation with modifications.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 04/23/2008
Comments: Workplan will install 12 borings to provide additional lithologic description around areas being considered for slurry wall breaches, conduct a B-Zone pump test to gather data for potential dewatering, and collect soil samples for waste treatment facilities. The workplan was approved with modifications. Work will start April 29, 2008.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/07/2008
Comments: Monthly report accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/11/2008
Comments: In addition to coordinating groundwater monitoring events with the adjacent South Bayfront site, DTSC has asked that Sherwin-Williams incorporate South Bayfront data in its figures. These figures will be submitted under separate cover.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 10/21/2002
Comments: RI Report approved by the Water Board, administering agency for the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Workplan
Completed Date: 10/06/2008
Comments: Work plan approved with comments to be addressed in the PHERA Report.

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Feasibility Study Report
Completed Date: 05/07/2009
Comments: Approved Feasibility Study Report and PHERA Report together. PHERA Report found that potential releases of chemicals of concern from soil, soil gas and groundwater during excavation could be controlled with sufficient dust and vapor controls. Therefore, proposed excavation of approximately 64,000 cubic yards of soil is considered implementable and the FS Report is approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/06/2008
Comments: Report accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/15/2008
Comments: Report accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/09/2008
Comments: Report is prepared to comply with Water Board's NPDES permit requirements. No significant issues noted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/12/2008
Comments: Monthly status report accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/05/2008
Comments: August 2008 Monthly Status Report accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * RAGS Part C Report
Completed Date: 05/07/2009
Comments: DTSC approved the Public Health Evaluation of the Remedial Alternative (PHERA) that analyzed the potential risks to the surrounding community from the implementation of the proposed cleanup action at the Site. The evaluated cleanup action consists of digging up approximately 70,000 cubic yards of soil containing arsenic, lead and/or volatile organic compounds (VOCs) over a six-month period and transporting it for offsite disposal.

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

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Completed Date: 10/08/2008
Comments: Report discusses activities conducted during September 2008; proposed for October 2008 and projected for November 2008.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/12/2008
Comments: Monthly Summary Report notes that work continues on the Feasibility Study and Public Health Assessment for the Remedial Alternative (PHERA). CWG meeting also held to discuss PHERA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/08/2008
Comments: Report accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 07/14/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/03/2013
Comments: Groundwater Elevation Data Jan-April 2013 (email). Groundwater Elevation Contours, A-Zone Groundwater (figure).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/07/2017
Comments: Final

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 11/02/2016
Comments: Semiannual groundwater monitoring event, per the O&M Plan and the Five Year Review. Arcadis collected depth-to-water measurements in all wells, collected water samples at three monitoring wells (CDM-108, LF-41 and RP-2), and redeveloped well LF-12.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 01/19/2017
Comments: January 2017 quarterly groundwater monitoring event. Per the approved Five-Year Review, only depth-to-water measurements (not groundwater samples) at monitoring wells. Per O&M Plan, the next report covering period from July 1, 2016 through June 30, 2017 will be submitted by July 31, 2017.

Completed Area Name: PROJECT WIDE

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 03/16/2017
Comments: The monitoring event was completed as planned and the water levels generally dropped. The next groundwater elevation monitoring event will take place the week of April 17th (in about 4 weeks), in conjunction with the annual groundwater sampling field event. DTSC will receive another notification closer to that date.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 04/28/2017
Comments: Arcadis completed the annual groundwater monitoring event at the former Sherwin Williams Emeryville Site, starting on Monday, April 17th and finishing on Friday, April 28th. Conducted round of water levels followed by sampling of 33 wells in accordance with the O&M Plan and the Five-Year review matrix. Coordinated with a UPRR flagger for access to the two railroad wells LF-24 and LF-25. Collected samples for arsenic and TPH for select wells. Collection of VOC samples scheduled for April 2018 per approved Five-Year review modifications.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 05/15/2017
Comments: The Work Plan for Additional Investigation to Support Redevelopment, dated May 2, 2017, describes the scope of work and procedures to collect additional soil-vapor data to assess current conditions underneath the buildings that are proposed as part of the redevelopment and to collect additional soil samples both around the historical soil sample SWSABH04 with elevated arsenic to delimit the extent of impacted soils ahead of excavation activities and under the slab of Building 1/31 to assess the quality of the soils that may be disturbed during the redevelopment of the building. This Work Plan also includes the procedures to abandon two wells located on the Union Pacific Railroad (UPRR) right of way that have difficult access conditions due to their proximity to the active railroad tracks.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 05/22/2017
Comments: Work Notice mailed 5/19/2017 and emailed 5/22/2017. Lennar Multifamily Communities will perform soil and soil vapor sampling work from May 29, 2017 to June 16, 2017 on the former Sherwin-Williams property, 1450 Sherwin Avenue, Emeryville CA 94608. The Department of Toxic Substances Control encourages you to review this project information on the work to be performed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 05/15/2017
Comments: The Geotechnical Investigation Work Plan, dated April 18, 2017, presents the scope of work associated with a proposed geotechnical

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

investigation to inform the design and construction of the building foundation of a future mixed-use development planned for the former Sherwin-Williams Site (the Site). The proposed scope of work includes drilling a total of four soil borings to a depth of about 50 feet below the existing ground surface (bgs) and advancing a total of six cone penetrometer test (CPT) borings to a total depth of up to 100 feet bgs. The work plan also presents the procedures and protocols for advancing the soil and CPT borings. The procedures include grouting the borings from the bottom up to abandon the boreholes and decontaminate the drilling equipment between locations. Arcadis finds that, based on the procedures and protocols presented and the locations of the proposed borings, implementation of the geotechnical investigation in accordance with the Work Plan will not disturb the Installed Remedial Features at the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 07/25/2017
Comments: Revised Groundwater Model Update in Support of the Redevelopment of the former Sherwin-Williams Site, dated May 6, 2017 and revised July 5, 2017. The proposed redevelopment of the Site includes constructing structures with ancillary foundation systems. The proposed foundation systems consist of ground improvements using Drill Displacement Column (DDC) methodology. DDC installation will result in a disturbance of soil in a well-defined grout column at certain locations throughout the Site to depths of up to approximately 38 feet (ft) below ground surface (bgs). The overall purpose of the groundwater model update is to assess if the proposed foundation system will adversely impact the installed remedy at the Site, including potential adverse impacts to groundwater elevations or groundwater movement patterns. Findings documented in this letter report show that the proposed ground improvements will not adversely impact the Installed Remedial Features at the Site. Overall, modeling results indicate that the proposed DDC foundation system and major utility corridors will not adversely impact the Installed Remedial Features at the Site. However, if the proposed redevelopment plan changes significantly, the modeling will need to be re-evaluated.

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: 07/25/2017
Comments: Revised Proposed Contingency Action to Verify Arsenic Concentrations in Monitoring Well CDM-108 at the former Sherwin-Williams Site, dated June 15, 2017 and revised July 15, 2017. An increased frequency of groundwater monitoring at CDM-108 and additional assessment of trends and seasonality are proposed as a contingency action. This will provide additional information regarding arsenic concentrations from CDM-108 and consists of the following activities: Increase frequency

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

of groundwater monitoring for dissolved arsenic at CDM-108 from semiannual to every two months from June 2017 through October 2017. As such, well CDM-108 will be sampled in June, August, and October 2017. After the October 2017 monitoring event, Lennar will present DTSC a letter report within 30 days after validation of the laboratory results with updated concentration trends that include the dissolved arsenic data sets for CDM-108 from (1) well installation and first sampling in April 2012 through October 2017, (2) January 2014 through October 2017, and (3) April 2017 through October 2017. The results from the groundwater monitoring and trend evaluations proposed in this letter will be presented to DTSC in a letter report in late November or early December 2017, within 30 days after validation of the laboratory results of the October 2017 sampling event. In addition, the results of each sampling event will be provided via email to DTSC within 14 days after validation of laboratory results. Each contingency sampling event will be discussed with the DTSC in order to determine the next steps, including potential changes to the sampling and reporting frequency.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/26/2017
Comments: Soil and soil gas sampling completed for Additional Investigation to Support Redevelopment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/05/2017
Comments: Rockridge Geotechnical completed CPT (Cone Penetration Test) and soil boring field activities associated with the public notice and work plan, starting Thursday, June 1, 2017.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 05/26/2017
Comments: Quality Assurance Project Plan (QAPP) Addendum, dated May 26, 2017, prepared in support of the implementation of Arcadis Work Plan for Additional Investigation to Support Redevelopment, dated May 2, 2017. The following QAPP areas will be amended to meet the current needs of the project: Key Personnel Information, Regulatory Agency Information, Use of Data, and References to Current DTSC Guidance. All other components of the QAPP are current and remain in full effect.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/26/2017
Comments: Groundwater sampling for Contingency Action at Well CDM-108.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 08/03/2017

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Comments: On behalf of LMC Emeryville I Investor, LLC, a Delaware limited liability corporation (Lennar), Arcadis U.S., Inc. (Arcadis) is proposing to collect eight sub-slab soil-vapor samples to evaluate potential vapor intrusion risk into Building 1 and 31 at the former Sherwin-Williams Site, located at 1450 Sherwin Avenue in Emeryville, California. The eight proposed locations, identified SS1 through SS8, are shown on Figure 1. The fieldwork is scheduled to be performed on August 4, 2017 and should take one day to complete.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 03/28/2018
Comments: Stellar Environmental Solutions, Inc (Stellar Environmental) has completed this vapor intrusion assessment within the Buildings 1 and 31 at 1450 Sherwin Avenue, Emeryville, California site at the behest of New York Life Real Estate Investors (NYL), Paceline Investors, LLC, and affiliates, who are considering purchasing the Building 1-31 from the current owners, LMC EMERYVILLE I INVESTOR, LLC an entity of Lennar Development. The eight sub-slab samples specified by Stellar Environmental were collected by Arcadis (consultant to the current property owner), on August 4, 2017. The principal objective of the sub slab sampling was to meet the current site wide Land Use Covenant (LUC) that stipulated a vapor intrusion assessment must be completed at all locations where new buildings are planned or where renovation of existing buildings is planned, as is the case for Buildings 1 and 31. The Buildings 1 and 31 are intended to be used as commercial space by the prospective buyers after they are renovated. The collection of sub slab vapor from the eight sampling locations provides an adequate density and geographic coverage to evaluate the potential for vapor intrusion. The analytical results show detection of a variety of volatile compounds, both hydrocarbon and chlorinated, with PCE being detected in two of the eight samples above the Residential SL. The building cannot be used as residential if detections are above Residential SLs. However, the property is to be used as commercial only and none of the detections exceed the Commercial SLs. Thus no vapor intrusion risk is indicated with the proposed building being for commercial use only.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 08/24/2017
Comments: Arcadis sampled well CDM-108, per the Revised Proposed Contingency Action to Verify Arsenic Concentrations in Monitoring Well CDM-108 letter submitted in July 2017.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 12/13/2017
Comments: This report addresses the requirements for conducting an evaluation of soil vapor conditions and indoor air quality prior to construction in accordancw with Provision 4.04 of the Land Use Covenant. This study concludes that additional investigation and/or engineering controls are not necessary for the Site, with the exception of the area of Parcel B1. In the area of Parcel B1, due to PID readings

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

collected from soil samples screened during the advancement of boring SGMP-13 and the soil-vapor results from SGMP-13, additional characterization is recommended to determine the extent of naphthalene. An additional investigation work plan be submitted under a separate cover to evaluate potential naphthalene soil sources in Parcel B1. A limited soil excavation in the approximate area shown on Figures 6 and 7 is also recommended to remove residual arsenic and lead in soils near SWSABH04. At this time, with the exception of the Parcel B1 area, the Site is suitable for redevelopment. A Soil Management Plan (SMP) has been submitted under separate cover to DTSC for review and approval. The SMP will be implemented during redevelopment activities, and best management practices will be utilized at all applicable stages, especially in the event that affected soil and/or asphalt are encountered.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/13/2017
Comments: Arcadis sampled wells CDM-108, LF-41, and RP-2 on Friday, October 13, as part of the semiannual groundwater monitoring event and the CDM-108 contingency monitoring. Water level measurements will be performed during the first week of November 2017.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 11/20/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 11/10/2017
Comments: Water level measurements performed during the first week of November 2017.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 11/22/2017
Comments: Arcadis collected arsenic groundwater samples at monitoring well RP-2 on the Rifkin Parking Lot, associated with the former Sherwin Williams Emeryville Site. The sampling event took place on Wednesday, November 22, 2017, in response to an increasing arsenic concentration Mann-Kendall test trend observed following the October semiannual monitoring event. Per O&M Plan, Arcadis is implementing monthly sampling at well RP-2 for three months to further asses this trend.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/21/2017
Comments: Arcadis collected arsenic groundwater samples at monitoring well RP-2 on the Rifkin Parking Lot, associated with the former Sherwin Williams Emeryville Site. The sampling event took place on Thursday, December 21, 2017, in response to an increasing arsenic concentration

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Mann-Kendall test trend observed following the October semiannual monitoring event. Per O&M Plan, Arcadis is implementing monthly sampling at well RP-2 for three months to further asses this trend.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 01/19/2018
Comments: In accordance with the O&M Plan, Arcadis conducted the quarterly round of water elevation measurements and collecting groundwater samples at monitoring wells RP-2 and CDM-108. The work was completed on Friday January 19, 2018.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 10/16/2015
Comments: Pre-HARP Form updated to include additional field staff and supervisor signatures.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 07/21/2016
Comments: DTSC reviewed the Response to Comments Document on the Draft Environmental Impact Report for the Sherwin-Williams Development Project (Project) SCH# 2004122083, dated June 2016, prepared by LSA Associates, Inc., and submitted to City of Emeryville.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 01/23/2013
Comments: O&M Agreement for future gw monitoring and annual site inspection.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 02/18/1998
Comments: San Francisco RWQCB issued a cleanup and abatement Order. DTSC will participate in a Consultative Workgroup that the Board will convene.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: AB 2061 - Designation
Completed Date: 07/31/1997
Comments: San Francisco RWQCB has been named lead for this project.

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

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 07/19/2011
Comments: Memorandum, dated July 19, 2011, on Method for Establishing Daily PM10 Action Levels (calculations for air monitoring).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/04/2014
Comments: Request to use passive diffusion bags for gw monitoring of VOCs, not approved via letter 4/4/2014. New HydraSleeve SOP.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Post HARP Form
Completed Date: 01/22/2016
Comments: Post-HARP Form for fieldwork performed 1/21/2016: Observed monitoring and measurement of wells CDM-108, LF-41, RP-2, and LF-36. Discussed EIR for planned development and LUC for Restricted Novartis Property.

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: 01/06/2017
Comments: As required under Section 3.04 of the Covenant to Restrict Use of Property at 1450 Sherwin Ave, Emeryville CA, recorded 20 Dec 2012 in Alameda County, The Sherwin-Williams Co is providing notice of transfer of the Property. On December 20, 2016 SWACE LLC, the sole owner of the Property, was sold by Sherwin-Williams Acceptance Corporation (a wholly-owned subsidiary of The Sherwin-Williams Company) to LMC EMERYVILLE I INVESTOR, LLC, a Delaware limited liability company. Therefore, while the Property remains titled in SWACE LLC and no actual transfer of the subject property occurred, the ownership of SWACE LLC has transferred to LMC EMERYVILLE I INVESTOR, LLC. The Sherwin-Williams Company has no interest in LMC EMERYVILLE I INVESTOR, LLC, and is no longer a parent or shareholder of SW ACE LLC and retains no direct or indirect ownership interest in the Property.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/08/2009
Comments: Continuing to work on the PHERA and revised Feasibility Study.

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

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Completed Date: 02/09/2009
Comments: The groundwater extraction and treatment system (GWETS) operated for at least one hour/day during 83 days of the current quarter (October 1 to December 30, 2008). 648,500 gallons of water was extracted and treated, removing approximately 192 pounds of arsenic and 4 pounds of VOCs.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/09/2009
Comments: Continuing to work on the PHERA and the revised FS Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/30/2008
Comments: Treatment system operated for approximately 84 days with the largest shutdown of less than 48 hours. 448,840 gallons of water were treated, removing approximately 18 pounds of arsenic and 0.3 pounds of VOCs. Average flow rate was approximately 4.1 gpm during the days of normal operation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/06/2009
Comments: Monthly Report for March 2009 adequately documents activities conducted during March 2009.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 04/14/2009
Comments: Fact Sheet describing the Public Health Evaluation of the Remedial Alternative mailed out on 4/14/2009 to the Sherwin-Williams site mailing list.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/08/2009
Comments: The groundwater extraction and treatment system operated for at least one hour a day for 78 days during the current quarter. 944,100 gallons of water was extracted and treated (representing an average flow rate of 8.41 gpm during days of normal operation). The treatment system removed approximately 138 pounds of arsenic and 10 pounds of VOCs.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/06/2009
Comments: April Monthly Summary Report. Sherwin-Williams submitted the final Feasibility Study (FS) and Public Health Evaluation of the Remedial Alternative (PHERA) Reports. Conducted a briefing for the Artist's Coop regarding the PHERA Report.

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/21/2009
Comments: During June 2009, the groundwater extraction and treatment system continued to operate. Sherwin-Williams and DTSC met wih the City of Emeryville to discuss potential CEQA issues associated with the proposed alternative described in the Feasibility Study. The CWG review draft Remedial Action Plan was sent out to the Consultative Work Group (CWG).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/17/2009
Comments: Report adequate. Still working on draft RAP and CEQA Initial Study.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/03/2009
Comments: Report accepted. DTSC anticipates issuance of its comments on the Draft RAP and to continue its CEQA evaluation this month.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/08/2009
Comments: Report accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 10/23/2009
Comments: Fact Sheet for the Draft Remedial Action Plan and CEQA Mitigated Negative Declaration approved for distribution to the Sherwin-Williams Site mailing list.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/26/2010
Comments: No significant changes noted from previous reports.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 07/30/2010
Comments: Work Plan approved. The Work Plan proposes to collect lithologic information to test assumptions made in the groundwater model to support the design of the final remedy. The Work Plan also proposes to collect soil for waste disposal companies to use in preparing how to handle the soil safely and appropriately.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Completed Date: 04/15/2011
Comments: Work notice announcing drilling to collect soil samples, installation of 44 soil vapor extraction wells to remove soil vapors and abandonment of 62 monitoring wells.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 06/10/2011
Comments: Work notice announcing start of Raised Cap removal anticipated to begin the week of 6/20/2011. Next community open house scheduled for 6/30/2011 at Emeryville City Council Chambers.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/21/2011
Comments: Daily Air Monitoring Reports for Week of 6/13.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/24/2011
Comments: Daily real-time air monitoring logs for week of 6/20.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/27/2011
Comments: Report approved w/comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/08/2011
Comments: Monthly Project Activities Summary Report July 2011 (revised August 8, 2011). Approved report details shoring for excavation, excavation & groundwater extraction & treatment that occurred this month.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 11/08/2008
Comments: Letter report summarizing the results of additional investigation conducted in support of the Remedial Action Plan and Remedial Design.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 10/05/2011
Comments: Letter regarding controls for potential surface soil material tracking on Sherwin Street and street sweeping changes during remediation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Completed Date: 10/24/2011
Comments: Slurry wall extended & 1 breach relocated. Approved with the condition that 1 more monitoring well be added.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/06/2011
Comments: Groundwater Monitoring Report for the Quarterly Period July 1 through September 30, 2011, dated October 31, 2011. The approved report presents GW monitoring and treatment; arsenic concentrations are detailed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/23/2012
Comments: Groundwater Monitoring Report for the Quarterly Period October 1 through December 31, 2011, dated January 31,2012. The approved report presents GW monitoring and treatment; arsenic concentrations are detailed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Newsletter
Completed Date: 02/08/2012
Comments: Report of the Haiku Poetry Wall 2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 05/24/2012
Comments: Work Notice for soil gas monitoring in June 2012. Sherwin-Williams begins on-site field work on June 4th for four days.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/25/2012
Comments: Data Summary Report for Groundwater Monitoring Activities for the Period from March 1, 2012 through June 30, 2012. Approved Report presents GW monitoring and treatment; arsenic concentrations are detailed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 08/13/2012
Comments: Soil gas sampling plan to conduct a Gore survey to confirm presence of VOCs in the soil gas at the Site, in particular benzene. DTSC has reviewed the proposed Gore sampling/VOC soil gas survey plan submitted on August 6, 2012. DTSC hereby approves the survey plan as presented with one suggestion. Our GSU has suggested moving one gore sampler closer to the property boundary near SGMP]10 to assess what might be migrating on]site.

Completed Area Name: PROJECT WIDE

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/15/2013
Comments: Soil Gas Data Summary and Evaluation Report 2012, dated March 14, 2013. Soil gas monitoring results; benzene & ethylbenzene detected at concentrations above residential screening levels.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 08/24/2012
Comments: Soil Gas Sampling Event

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/15/2013
Comments: Data Summary Report for Groundwater Monitoring Activities for the Period from July 1, 2012 through December 31, 2012. The report presents GW monitoring and treatment; arsenic concentrations are detailed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/26/2013
Comments: Remedy implementation at the Site is effective; All wells that have sufficient groundwater data to make an evaluation, COC concentrations are below cleanup goals and/or concentration trends are statistically stable or decreasing. Also, groundwater movement patterns are consistent with the projected design conditions.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/25/2014
Comments: GW monitoring results; At majority of groundwater monitoring wells, chemicals of concern (COCs) concentration trends are statistically stable (1 well increasing); groundwater movement patterns are consistent with the projected design.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Workplan
Completed Date: 12/22/2015
Comments: Five-Year Review Work Plan dated December 21, 2015, approved by DTSC letter dated December 22, 2015. This Work Plan has been prepared to meet the requirements of Section 7 of the O&M Agreement and Section 3.4.3 of the O&M Plan regarding five-year review. This is the first five-year review of the remediation system after its implementation was completed in April 2012. Specifically, this Work Plan describes the approach to review and reevaluate the remediation system. The review and reevaluation will be conducted to determine if human health and the environment are being adequately protected by the remediation system. After DTSC approval of the Work Plan, S-W will submit a draft report of the results of the five-year review to DTSC by the later of (1) February 28, 2016 or (2) 45 days following DTSC

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

approval of the Work Plan. The report shall describe the results of all sampling analyses, tests and other data generated or received and evaluate the adequacy of the implemented remedy in protecting human health and the environment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 08/11/2016
Comments: The implemented remedy has been effective with achieving the project RAOs: there is no human health exposure to contaminated soil or groundwater at the Site. The one remaining exceedance of arsenic in soil above the cleanup goal, sample location SWSABHO4, is in area paved with concrete. This is not considered to be a significant change in the distribution or concentration of impacted soils at the Site. The data collected from the groundwater monitoring program have been consistent with the RAOs, cleanup goals, and conceptual site model (CSM) presented in the RAP. The existing RAOs, cleanup goals, and the criteria used for their selection (as presented in the RAP) remain valid and do not need modification. The remediation system components are operating as intended and, along with the Covenant, are protective of human health and the environment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 01/18/2013
Comments: Soil Vapor Sampling

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 04/26/2013
Comments: Groundwater Monitoring Event

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 01/25/2013
Comments: Groundwater Monitoring Event

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/03/2013
Comments: Soil Gas Sampling Event

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 08/15/2013
Comments: Benzene, ethylbenzene, and naphthalene have been detected in soil vapor above residential CHHSLs. Evaluation of soil vapor intrusion recommended at the time of new development.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Completed Document Type: Fieldwork
Completed Date: 07/19/2013
Comments: Quarterly Groundwater Monitoring Event

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/11/2013
Comments: GW monitoring event completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 02/13/2014
Comments: Groundwater Monitoring Event

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 05/05/2014
Comments: Annual Groundwater Monitoring Event

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 02/21/2014
Comments: Groundwater Monitoring Event

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 04/21/2014
Comments: Hydrasleeves to be used to sample groundwater

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/11/2014
Comments: Semi-Annual Groundwater Monitoring Report. Data Summary Report for Groundwater Monitoring Activities for the Period from January 1, 2014 through June 30, 2014. Although an increasing concentration trend was observed at well CDM-108, groundwater elevation and sampling data collected post remedy implementation at all other groundwater monitoring locations from April 2012 through May 2014 demonstrate that remedy implementation at the Site is consistent with the remedy effectiveness criteria and that contingency actions (other than an increase in monitoring frequency of well CDM-108, as recommended in CDM Smith letter submitted concurrently with this report) are currently not necessary. Site construction and/or operations have not impacted the effectiveness of the remedy components.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/08/2015
Comments: gw monitoring continues to demonstrate that the remedy is consistent with the remedy effectiveness criteria.

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/11/2014
Comments: Groundwater Monitoring Event

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/30/2014
Comments: Quarterly Groundwater Monitoring Event

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 04/27/2015
Comments: Groundwater monitoring fieldwork completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/28/2015
Comments: DTSC Geological Services Unit oversight provided October 27, 2015. DTSC Site Visit Report by Geological Services Unit completed October 28, 2015.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 08/12/2016
Comments: Groundwater samples were collected from 20 monitoring wells during the October 2015 semiannual monitoring event and 33 monitoring wells during the April 2016 annual monitoring event for analysis of dissolved arsenic, volatile organic compounds, and total petroleum hydrocarbons (TPH) as diesel, gasoline, and motor oil as outlined in the O&M Plan. Additionally, contingency quarterly monitoring was conducted at monitoring well location CDM-108 in July 2015 and January 2016 to reevaluate the statistically increasing groundwater arsenic concentration trend. Furthermore, monthly monitoring was conducted at monitoring well location LF-41 from November 2015 through January 2016 as a result of a statistically increasing groundwater arsenic concentration trend calculated following the semiannual monitoring event.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 08/21/2015
Comments: Groundwater concentrations are within historic ranges. MW108 will continue to be observed to ensure that concentrations are not increasing.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 01/31/2015
Comments: Groundwater sampling at well CDM-108 only.

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 04/28/2016
Comments: Event concluded on 4/28/2016. DTSC observed sampling at CDM-110, CDM-111, CDM-113, RP-1, LF-35, and LF-12 on 4/20/2016.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Financial Assurance Documentation
Completed Date: 03/25/2015
Comments: Financial Assurance Review - No violations

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/08/2015
Comments: Monitoring completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 09/01/2015
Comments: Proposed/Approved Groundwater Monitoring for Well CDM-108 through April 2016. Monitoring well CDM-108 is the only location at the site that has demonstrated an increasing trend for dissolved arsenic in groundwater since completion of the remedy in April 2012. Increased frequency of quarterly groundwater monitoring at CDM 108 will continue through April 2016, so that the additional data can be gathered to provide confidence in the trend evaluation. Sampling results from monitoring well CDM-108 will be presented and evaluated in the Five-Year Review.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 11/23/2015
Comments: Monitoring event was completed November 23, 2015 as scheduled and in accordance with the plan. Well LF-41 was sampled and site-wide groundwater elevation measurements were collected.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/17/2015
Comments: Site-wide depth to groundwater measurements and well LF-41 sampling.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 01/21/2016
Comments: Groundwater monitoring of wells LF-41 & CDM-108 and site-wide measurement of groundwater levels, performed by ARCADIS. CDM attended and DTSC oversaw monitoring/measurement of wells CDM-108, LF-41, RP-2, and LF-36.

Completed Area Name: PROJECT WIDE

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 02/24/2016
Comments: Depth to groundwater measurements completed as planned. GW levels decreased since last event in January 2016.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 07/21/2016
Comments: Public notice discussing the results of the 5-Year Review was mailed Thursday, July 21 to a total of 1,263 contacts.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/19/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 07/05/2017
Comments: Public Records Act Request #2-062717-03. Emailed DRAFT documents, regarding groundwater, that are currently under review and pending approval by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/27/2017
Comments: DTSC Financial Responsibility Unit issued two letters: 1) Release and Termination of Irrevocable Standby Letter of Credit (LOC), and, 2) Termination of Operations and Maintenance Trust Agreement. The facility was recently sold and the new Responsible Party (RP) has submitted a replacement mechanism. DTSC has reviewed and approved the new mechanism, therefore, in accordance with California Code of Regulations, title 22, sections 66265.143(c)(10)(A) and 66265.143(a)(12)(A), and per Section 17 of the Trust, DTSC agrees to the termination of the LOC and the Trust.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/20/2012
Comments: Notice to Site Consultative Workgroup. DTSC is hereby providing notice that all Site cleanup activities, as provided in the DTSC approved Remedial Action Plan dated June 14, 2010 and described in the Remedial Design and Implementation Plan, have been implemented. DTSC will be issuing a Certificate of Completion to The Sherwin-Williams Company.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 02/26/2016
Comments: Voluntary Cleanup Agreement fully-executed on February 26, 2016,

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

between DTSC and LMC Emeryville I Investors LLC (Proponent). This Agreement applies to the property located at 1450 Sherwin Avenue, Emeryville, in Alameda County, California 94608 (Site), identified by Alameda Assessor's Parcel Numbers 049-1041-26-15, and any off-site area to which hazardous substances have or may have migrated from the Site. DTSC shall review and provide Proponent with written comments on all Proponent s deliverables as described in Exhibit C (Scope of Work) and other documents applicable to the scope of the project. Scope of Work includes Draft Environmental Impact Report (Draft EIR), Soils Management Plan (SMP), Quality Assurance/Quality Control (QA/QC) Plan, and Health and Safety Plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: AB 2061 - Designation
Completed Date: 02/23/2006
Comments: Site Designation Committee transferred lead agency status to DTSC due to changes in site conditions and proposed reuse.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 06/22/2011
Comments: Demand Letter #2

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 07/15/2011
Comments: Request/Approval to modify perimeter air sampling program.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 05/18/2011
Comments: Demand Letter #1

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 12/20/2012
Comments: Restricts the use of groundwater and subsurface features must be maintained for gw pathway; soil vapor investigation/prevention needed prior to redevelopment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 01/23/2013
Comments: All RAP requirements met; site is certified.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/28/2018
Comments: Notice that the current owner of the former Sherwin-Williams property located at 1450 Sherwin Ave, Emeryville, CA, SWACE, LLC (LMC

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Emeryville Investor I, LLC) intends to sell a portion of the property that includes the existing office building (Building 1/31), commonly addressed as 1450 Sherwin Ave., to a joint venture between Paceline Investors and New York Life (formal entity name to be determined and located at 595 Market Street Suite 2525 SF, CA 94105) in the second quarter of 2018. The parcel that will be transferred and sold is shown as Lot 1 in the attached Final Map exhibit. As a result of this sale and transfer, Paceline Investors will also be requesting and initiating a new Voluntary Cleanup Agreement (VCA) with the DTSC in the near future. The Department of Toxic Substances Control (DTSC) has received and acknowledges the Notice of Conveyance of Building 1/31 Portion of Property, dated March 20, 2018, for the former Sherwin Williams site located at 1450 Sherwin Avenue in Emeryville, California. DTSC Site Code 200956 is currently closed. DTSC Site Codes 202067 and 202179 are currently open for actively invoicing SWACE/LMC Emeryville Investor I, LLC and Paceline Investors & New York Life Investors Joint Venture (formal entity name TBD), respectively.

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.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 06/14/2010
Comments: DTSC approved the Final Negative Declaration and prepared a Notice of Determination after responding to the comments received.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 02/14/2017
Comments: Operation and Maintenance Agreement. The California Department of Toxic Substances Control (DTSC) and land owner LMC Emeryville I Investor, LLC, a Delaware limited liability corporation (Proponent) enter into this Operation and Maintenance Agreement (Agreement). Proponent shall fully implement the DTSC-approved Operation and Maintenance Plan (O&M Plan) dated December 11, 2012, as modified by the Five-Year Review Report dated June 17, 2016, including any requirements for inspections, monitoring, reporting and record keeping, or any successor O&M Plan as later approved by DTSC. Proponent shall review and reevaluate the Installed Remedy after a period of five years from the completion of construction and startup of the Installed Remedy and every five years thereafter, until Proponent demonstrates that it has met the remedial goals for the Site and DTSC issues a written determination that no further five-year reviews are required.

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

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

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: Letter - Demand
Completed Date: 01/23/2012
Comments: Demand letter #1

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 05/10/2006
Comments: Imminent or Substantial Endangerment Determination and Order and Remedial Action Order, issued May 10, 2006, to the Sherwin-Williams Company as a party responsible for cleaning up a release of hazardous substances at the Sherwin-Williams Site located at 1450 Sherwin Street in Emeryville, Alameda County, California.

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: 09/23/2015
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: CEQA - Responsible Agency Review
Completed Date: 03/07/2016
Comments: DTSC comments to the City of Emeryville, dated March 7, 2016, on the Draft Environmental Impact Report for the Sherwin Williams Development Project (Project) SCH# 2004122083. The Project proposes mixed-used residential (540 units) and commercial (94,600 square feet) redevelopment of a 10.05-acre site located in the City of Emeryville, Alameda County, California. As a Responsible Agency, DTSC is submitting comments to ensure that the environmental documentation prepared for this project under the California Environmental Quality Act (CEQA) adequately addresses activities pertaining to releases of hazardous substances.

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

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 12/21/2017
Comments: Work Plan for Additional Investigation at Parcel B1 (Work Plan). The Work Plan addresses recommendations presented in Arcadis Final Summary Report for the Additional Investigation to Support Redevelopment for 1450 Sherwin Avenue, Emeryville California, dated December 4, 2017 (the 2017 Additional Investigation Report), and discussions with the California Environmental Protection Agency, Department of Toxic Substances Control (DTSC) during a meeting on November 15, 2017. To delineate the extent of potential naphthalene-impacted soil in the vicinity of SGMP-13, Arcadis proposes to install eight step-out soil borings (LH-07 through LH-14) for collection and laboratory analyses of depth-discrete soil samples. The proposed soil boring locations are illustrated on Figure 2 and include: one boring at the location of SGMP-13, one boring to the north (15 feet), two borings to the east (15 and 50 feet), two borings to the south (15 and 100 feet), two borings to the west (15 and 100 feet), and one boring to the southwest (100 feet) of SGMP-13. A total of eight soil borings will be advanced to 5 feet bgs as part of this investigation. In addition, Arcadis may advance additional step-out soil borings depending on the analytical results at borings SGMP-13 and LH-07 through LH-14. Field implementation of the soil sampling work will take two days to complete. Arcadis anticipates submitting the final investigation and remediation summary report six weeks following receipt of confirmation sampling analytical results. Arcadis will prepare a report to describe the activities conducted;tabulate and evaluate the sample data collected; and provide recommendations.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 01/30/2018
Comments: Arcadis conducted shallow soil sampling with a hand auger in accordance with the Work Plan for Additional Investigation at Parcel 81 (Work Plan), dated December 13, 2017, for the former Sherwin Williams site located at 1450 Sherwin Avenue in Emeryville, California. This sampling was conducted to further delimit the presumed naphthalene soil hot spot. The fieldwork started Monday January 29, 2018 and took to two days to complete.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 03/28/2018
Comments: This Report documents the results of a soil quality investigation conducted to confirm the presence of, and delineate the extent of, a presumed naphthalene soil hot spot in the vicinity of soil vapor monitoring point SGMP-13 in Parcel B1 of the Site (Figure 2). This scope of work, methods, and procedures employed to implement the investigation were presented in Arcadis' Work Plan for Additional Investigation at Parcel B1 (Work Plan), approved by DTSC in correspondence dated December 21, 2017. All work was conducted in general accordance with the Work Plan, QAPP, and QAPP Addendum. The naphthalene hot spot was identified and vertically and laterally delineated. A limited soil excavation in the approximate area shown

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

on Figure 3 is recommended to remove residual naphthalene in soils near SGMP-13. A work plan will be submitted under a separate cover to outline methods and procedures for the proposed limited soil excavation near SGMP-13. As shown on Figure 3, the excavation is proposed to be approximately 34 feet by 18 feet to an approximate depth of 5 feet bgs, however, may be extended based on PID readings in the field. Based on the proposed excavation dimensions, the anticipated inplace volume of soil is approximately 113 cubic yards. Prior to excavation, Arcadis recommends that concrete pads near SGMP-13 be removed. The work plan will present procedures for confirmation soil-vapor sampling, which will include installation and sampling of one soil-vapor probe located in undisturbed soils approximately 5 feet from each excavation sidewall. Since naphthalene has a low odor threshold, odor control procedures will be presented in the work plan. The work plan will also outline the procedures for the excavation of the arsenic and lead hot spot in soils near historical soil boring SWSABH04 recommended in Arcadis 2017 Additional Investigation Report (Arcadis 2017b). The naphthalene soil hot spot excavation work may be conducted concurrently with the arsenic and lead hot spot excavation.

Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Land Use Restriction
Future Due Date:	2018
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Land Use Restriction - Amendment
Future Due Date:	2018
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:	2020
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:	2018
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Public Notice
Future Due Date:	2021
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	5 Year Review Reports
Future Due Date:	2021
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Schedule Revised Date: Not reported

ENVIROSTOR:

Facility ID:	60000189
Status:	Certified / Operation & Maintenance
Status Date:	01/23/2013
Site Code:	202179
Site Type:	State Response
Site Type Detailed:	State Response or NPL
Acres:	10
NPL:	NO
Regulatory Agencies:	SMBRP, RWQCB 2 - San Francisco Bay, ALAMEDA COUNTY
Lead Agency:	SMBRP
Program Manager:	Janet Naito
Supervisor:	Janet Naito
Division Branch:	Cleanup Berkeley
Assembly:	15
Senate:	09
Special Program:	Designation of Single Agency
Restricted Use:	YES
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	37.83294
Longitude:	-122.2897
APN:	049 104102615, 049-1041-005-00, 049-1041-006-00, 049-1041-006-04, 049-1041-026-02, 049-1041-026-06, 049-1041-026-07
Past Use:	PAINT MANUFACTURING, MANUFACTURING - PESTICIDES
Potential COC:	Arsenic Benzene Lead TPH-diesel TPH-gas Acetone Ethylbenzene Methyl ethyl ketone (2-Butanone Toluene Xylenes
Confirmed COC:	Toluene TPH-diesel TPH-gas Acetone Ethylbenzene Methyl ethyl ketone (2-Butanone Arsenic Benzene Lead Xylenes
Potential Description:	OTH, SOIL
Alias Name:	049 104102615
Alias Type:	APN
Alias Name:	049-1041-005-00
Alias Type:	APN
Alias Name:	049-1041-006-00
Alias Type:	APN
Alias Name:	049-1041-006-04
Alias Type:	APN
Alias Name:	049-1041-026-02
Alias Type:	APN
Alias Name:	049-1041-026-06
Alias Type:	APN
Alias Name:	049-1041-026-07
Alias Type:	APN
Alias Name:	110000483762
Alias Type:	EPA (FRS #)
Alias Name:	SL18257678
Alias Type:	GeoTracker Global ID
Alias Name:	T0600101139
Alias Type:	GeoTracker Global ID
Alias Name:	200956
Alias Type:	Project Code (Site Code)
Alias Name:	202067
Alias Type:	Project Code (Site Code)
Alias Name:	202179

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Alias Type: Project Code (Site Code)
Alias Name: 60000189
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 07/30/2014
Comments: Proposed/Approved Contingency Action for Monitoring Well CDM-108. An increased frequency of groundwater monitoring for dissolved arsenic at CDM-108, from semiannual to quarterly from July 2014 through April 2016, is proposed as a contingency action. DTSC finds the proposed contingency action acceptable. In addition, DTSC requests that if in any sample dissolved arsenic concentrations exceed 500 micrograms per liter (1-I9/L), Sherwin-Williams will notify DTSC, within 60 days of receipt of laboratory results, of its recommendations for implementation of a contingency action in accordance with the O&M Plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/30/2013
Comments: Notification of property transfer on December 31, 2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/20/2012
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: Other Report
Completed Date: 06/14/2004
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board as required by their order.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/27/2004
Comments: Monthly Project Activities Summary Report, dated July 2004. This report was submitted to the San Francisco Regional Water Quality Control Board as required by their order.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/30/2004
Comments: Monthly Project Activities Summary Report, dated August 2004. This report was submitted to the San Francisco Regional Water Quality Control Board as required by the Order.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Completed Document Type: Other Report
Completed Date: 10/01/2004
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board as required by their order.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/01/2004
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board as required by their order.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/01/2004
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board as required by their order.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/29/2004
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board as required by their order.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/27/2005
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board as required by their order.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/01/2005
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board as required by their order.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/29/2005
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board as required by their order.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/02/2005
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board as required by their order.

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

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Completed Date: 05/02/2005
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board as required by their order.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/29/2005
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board as required by their order.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/29/2005
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board as required by their order.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/01/2005
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board as required by their order.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/30/2005
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board as required by their order.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/02/2005
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board as required by their order.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/30/2005
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board as required by their order.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/05/2006
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board as required by their order.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 01/13/2006

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Comments: This fact sheet was issued by the San Francisco Regional Water Quality Control Board.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/01/2006
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board as required by their order.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 07/30/2004
Comments: National Pollutant Discharge Elimination System (NPDES) Self-Monitoring Report for the Groundwater Extraction and Treatment System for the Quarterly Period from April 1 to June 30, 2004, dated July 30, 2004. This report was submitted to the San Francisco Regional Water Quality Control Board as required by the Order. The report summarizes operations and monitoring data for the GWETS at the Site during the April 1 to June 30, 2004 quarterly reporting period. During the reporting period, monthly sampling of the GWETS effluent showed that it complied with all NPDES effluent limitations, with one exception.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 04/30/2004
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board as required by their order.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/31/2004
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 07/29/2005
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 04/29/2005
Comments: National Pollutant Discharge Elimination System (NPDES) Self-Monitoring Report for the Groundwater Extraction and Treatment System for the Quarterly Period from January 1 to March 31, 2005, dated April 29, 2005. The approved report summarizes operations and monitoring data for the GWETS at the Site during the January 1 to March 31, 2005 quarterly reporting period. During the reporting period, monthly sampling of the GWETS effluent showed that it

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

complied with all NPDES effluent limitations.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/31/2006
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/31/2005
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 04/30/2003
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 07/31/2003
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/31/2003
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/31/2004
Comments: This report was submitted to the San Francisco Regional Water Quality Control Board.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 03/05/1999
Comments: This work was done under the oversight of the SFRWQCB.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/19/1996
Comments: This work was done under the oversight of the SFRWQCB.

Completed Area Name: PROJECT WIDE

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/02/2006
Comments: This report is submitted in accordance with a SFRWQCB order.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 06/30/1998
Comments: Document submitted to the Water Board per their Order requirements.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 02/28/2005
Comments: Document submitted to Water Board per their Order requirements

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/03/2006
Comments: Submitted via electronic mail

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/01/2006
Comments: Monthly report has been submitted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 11/15/2006
Comments: Approved report. One additional monitoring well will be installed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 08/22/2006
Comments: Groundwater monitoring plan amended and approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Feasibility Study Workplan
Completed Date: 01/16/2007
Comments: FS Workplan approved with modifications and comments to be addressed in the FS Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 04/19/2005
Comments: Report submitted to the Water Board as per their Order requirements.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Completed Date: 04/28/2006
Comments: FactSheet issued that identified DTSC as the new regulatory lead agency. It includes a community survey for the project.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Treatability Study Workplan
Completed Date: 12/19/2006
Comments: Workplan approved with modifications. Field work will begin 12/14/2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/27/2006
Comments: Report accepted, no significant comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/05/2006
Comments: Monthly Progress report submitted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Tank Removal Report
Completed Date: 09/29/1994
Comments: Report documents the removal of four buried approximately 6,500 gallon steel rail cars containing Bunker C. These four rail cars were removed between July 25, 1994 and August 5, 1994 under the oversight of the Emeryville Fire Department and Alameda County Environmental Health Department.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 06/30/2011
Comments: Remedial Design and Implementation Plan, dated June 29, 2011. Approved plan includes soil excavation and groundwater monitoring. The remediation design has been prepared in accordance with the Department of Toxic Substances Control (DTSC) Imminent and Substantial Endangerment Determination and Order and Remedial Action Order No. 05/06-007 (the Order) (Cal/EPA, 2006) and the DTSC-approved Remedial Action Plan (RAP) for the Site (CDM, 2010; Cal/EPA, 2010).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 04/12/2012
Comments: Remediation of soil complete. GW monitoring wells in place for continued GW monitoring.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 08/06/2012
Comments: Remedy Implementation Completion Report, dated July 25, 2012. Soil

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Excavation completed and arsenic goals achieved; gw monitoring continuing; soil gas sampling to be conducted. Land use covenant recorded with Alameda County

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 12/17/2012
Comments: Operations and Maintenance Plan, details Semi-annual GW monitoring, followed by annual GW monitoring.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 05/29/2002
Comments: SF Bay Regional Water Board's Fact Sheet Announcing the Public Comment Period for the Remedial Investigation Report. Public comment period ran from 4/2/2002 to 5/2/2002.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/04/2006
Comments: Report accepted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/05/2006
Comments: Report accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/29/2006
Comments: Report submitted by Sherwin-Williams

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/30/2006
Comments: Monthly Status Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 11/17/2006
Comments: Work Notice approved for distribution.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 11/14/2006
Comments: Soil vapor sampling work plan approved with modifications. Work scheduled for week of 11/27.

Completed Area Name: PROJECT WIDE

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 11/30/2006
Comments: Monitoring well installed 11/28/06; soil vapor samples collected 11/29/06 and 11/30/06.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 06/29/2007
Comments: Public Participation Specialist signed the Public Participation Plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/01/2006
Comments: Report accepted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 08/29/2007
Comments: DTSC sent final copy of the fact sheet and mailing list to consultant to mail out. Consultant mailed out fact sheet on 9/4 and DTSC received on 9/5.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 12/23/2005
Comments: Water Board approved the Human Health Risk Assessment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/30/2006
Comments: Report accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/28/2006
Comments: Report accepted. Addresses quarterly period from April 1 to June 30, 2006.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/07/1996
Comments: Document submitted to the City of Emeryville.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 04/20/2007
Comments: Sounding event completed.

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/17/2007
Comments: Semiannual groundwater monitoring event completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 06/14/2010
Comments: DTSC approves Final Remedial Action Plan. Remedial Design scheduled to be submitted in September 2010, with implementation tentatively scheduled to begin in late-February/March 2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 03/01/2007
Comments: No comments on document. Information gathered will be evaluated as part of the feasibility study.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 03/01/2007
Comments: No comments on document. The information gathered will be evaluated as part of the feasibility study and the monitoring well will be incorporated into the groundwater monitoring program for the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 04/12/2007
Comments: Report indicates that further study is necessary in the next Phase to evaluate arsenic within the amorphous silica matrix within the groundwater table.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Treatability Study Workplan
Completed Date: 06/28/2007
Comments: Workplan outlines which materials will be further tested in column tests as described in the initial treatability study workplan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 03/19/2007
Comments: Report discusses the laboratory bench scale testing conducted to determine an appropriate grout mixture for pilot testing insitu injection in Phase III.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/30/2007
Comments: Report adequate.

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/08/2007
Comments: Report accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/05/2007
Comments: Report accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/02/2007
Comments: Report accepted; no significant comments

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/22/2007
Comments: Report adequately documents groundwater sounding event conducted during the first quarter 2007. Groundwater sampling occurred in April 2007.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/04/2007
Comments: Monthly Project Activities Summary Report, April 2007. Interim Remedial Measures, Feasibility Study/Remedial Action Plan Reports, NPDES and Groundwater Monitoring, Community Relations, Other Activities, Compliance with Order S/E 05/06-007.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Treatability Study Report
Completed Date: 06/28/2007
Comments: The study found that the vast majority of the arsenic within the site soils is bound within amorphous silica. Therefore, the mobility of arsenic in the soils will be controlled by the stability of the amorphous silica. Amorphous silica becomes unstable (the solubility increases) at pH values above about 9-10.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Treatability Study Report
Completed Date: 09/24/2007
Comments: Report presents results of the Phase III Grout Injection Pilot Test but does not interpret results. Interpretation will be provided in Feasibility Study Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/04/2007

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Comments: Monthly Report discusses ongoing temporary shutdown of the GWETS and demolition activities.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/06/2007
Comments: Report accepted. Additional public participation activities are being discussed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Treatability Study Report
Completed Date: 01/29/2008
Comments: Comments on the report adequately addressed; no additional comment/response exchange or further revision to the report required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Treatability Study Report
Completed Date: 02/26/2008
Comments: DTSC approved finalizing reports on 2/11/2008. Final documents received 2/26/2008.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Treatability Study Report
Completed Date: 02/26/2008
Comments: DTSC approved finalizing this report on 2/11/2008. Final report received 2/26/2008.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/30/2007
Comments: July 2007 Monthly Summary Report accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/29/2007
Comments: Monthly summary report accepted

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/05/2007
Comments: August 2007 Monthly Summary Report submitted and accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/11/2007
Comments: Report accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Completed Document Type: *Correspondence - Received
Completed Date: 12/17/2007
Comments: Letter notifying DTSC that the groundwater extraction and treatment system was successfully restarted and became fully operational as of December 7, 2007. The groundwater extraction and treatment system was offline for approximately 15 weeks to allow for demolition of several onsite structures. No cahnges were made to the treatment system. There is a new layout for the conveyance lines.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/14/2007
Comments: DTSC received the report on 12/14/2007. The report documents the results of depth to groundwater monitoring conducted at the former Rifkin property on Friday, October 12, 2007 and weekly groundwater level monitoring conducted at site piezometers from 9/28/2007 through 10/19/2007.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/14/2007
Comments: DTSC received document on 12/14/2007. Report documents groundwater level measurements conducted at the former Rifkin property on Friday, November 9, 2007 and groundwater level measurements collected at piezometers on 10/26/2007 through 11/15/2007.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/11/2008
Comments: December 2007 Monthly Status Report received.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/30/2008
Comments: Report accepted. Groundwater extraction system was shutdown 8/15/2007 and treatment system was shutdown on 8/22/2007 to accomodate building demolition activities. System was brought back on-line 12/3/2007, with full normal operation beginning 12/7/2007.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Treatability Study Report
Completed Date: 03/18/2008
Comments: DTSC has no comments on this document; document accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/07/2008
Comments: Report accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Completed Document Type: Fact Sheets
Completed Date: 03/19/2008
Comments: Final fact sheet sent to RP's consultant for distribution.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/11/2008
Comments: Monthly report accepted with one modification. The report should reflect the abandonment of three groundwater monitoring wells on UPRR Parcel D property in March 2008 and the proposed soil borings and Groundwater Zone B pump test that may begin in late-March/early-April. Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/09/2008
Comments: March 2008 Monthly Report accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 04/23/2008
Comments: Workplan was approved for implementation with modifications.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 04/23/2008
Comments: Workplan will install 12 borings to provide additional lithologic description around areas being considered for slurry wall breaches, conduct a B-Zone pump test to gather data for potential dewatering, and collect soil samples for waste treatment facilities. The workplan was approved with modifications. Work will start April 29, 2008.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 05/07/2008
Comments: Monthly report accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/11/2008
Comments: In addition to coordinating groundwater monitoring events with the adjacent South Bayfront site, DTSC has asked that Sherwin-Williams incorporate South Bayfront data in its figures. These figures will be submitted under separate cover.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 10/21/2002
Comments: RI Report approved by the Water Board, administering agency for the Site.

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Workplan
Completed Date: 10/06/2008
Comments: Work plan approved with comments to be addressed in the PHERA Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Feasibility Study Report
Completed Date: 05/07/2009
Comments: Approved Feasibility Study Report and PHERA Report together. PHERA Report found that potential releases of chemicals of concern from soil, soil gas and groundwater during excavation could be controlled with sufficient dust and vapor controls. Therefore, proposed excavation of approximately 64,000 cubic yards of soil is considered implementable and the FS Report is approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/06/2008
Comments: Report accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/15/2008
Comments: Report accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 10/09/2008
Comments: Report is prepared to comply with Water Board's NPDES permit requirements. No significant issues noted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/12/2008
Comments: Monthly status report accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/05/2008
Comments: August 2008 Monthly Status Report accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * RAGS Part C Report
Completed Date: 05/07/2009
Comments: DTSC approved the Public Health Evaluation of the Remedial Alternative (PHERA) that analyzed the potential risks to the surrounding community from the implementation of the proposed cleanup action at the Site. The evaluated cleanup action consists of digging up approximately 70,000 cubic yards of soil containing arsenic, lead

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

and/or volatile organic compounds (VOCs) over a six-month period and transporting it for offsite disposal.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/08/2008
Comments: Report discusses activities conducted during September 2008; proposed for October 2008 and projected for November 2008.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/12/2008
Comments: Monthly Summary Report notes that work continues on the Feasibility Study and Public Health Assessment for the Remedial Alternative (PHERA). CWG meeting also held to discuss PHERA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/08/2008
Comments: Report accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 07/14/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/03/2013
Comments: Groundwater Elevation Data Jan-April 2013 (email). Groundwater Elevation Contours, A-Zone Groundwater (figure).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 09/07/2017
Comments: Final

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 11/02/2016
Comments: Semiannual groundwater monitoring event, per the O&M Plan and the Five Year Review. Arcadis collected depth-to-water measurements in all wells, collected water samples at three monitoring wells (CDM-108, LF-41 and RP-2), and redeveloped well LF-12.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 01/19/2017
Comments: January 2017 quarterly groundwater monitoring event. Per the approved

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Five-Year Review, only depth-to-water measurements (not groundwater samples) at monitoring wells. Per O&M Plan, the next report covering period from July 1, 2016 through June 30, 2017 will be submitted by July 31, 2017.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 03/16/2017
Comments: The monitoring event was completed as planned and the water levels generally dropped. The next groundwater elevation monitoring event will take place the week of April 17th (in about 4 weeks), in conjunction with the annual groundwater sampling field event. DTSC will receive another notification closer to that date.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 04/28/2017
Comments: Arcadis completed the annual groundwater monitoring event at the former Sherwin Williams Emeryville Site, starting on Monday, April 17th and finishing on Friday, April 28th. Conducted round of water levels followed by sampling of 33 wells in accordance with the O&M Plan and the Five-Year review matrix. Coordinated with a UPRR flagger for access to the two railroad wells LF-24 and LF-25. Collected samples for arsenic and TPH for select wells. Collection of VOC samples scheduled for April 2018 per approved Five-Year review modifications.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 05/15/2017
Comments: The Work Plan for Additional Investigation to Support Redevelopment, dated May 2, 2017, describes the scope of work and procedures to collect additional soil-vapor data to assess current conditions underneath the buildings that are proposed as part of the redevelopment and to collect additional soil samples both around the historical soil sample SWSABH04 with elevated arsenic to delimit the extent of impacted soils ahead of excavation activities and under the slab of Building 1/31 to assess the quality of the soils that may be disturbed during the redevelopment of the building. This Work Plan also includes the procedures to abandon two wells located on the Union Pacific Railroad (UPRR) right of way that have difficult access conditions due to their proximity to the active railroad tracks.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 05/22/2017
Comments: Work Notice mailed 5/19/2017 and emailed 5/22/2017. Lennar Multifamily Communities will perform soil and soil vapor sampling work from May 29, 2017 to June 16, 2017 on the former Sherwin-Williams property, 1450 Sherwin Avenue, Emeryville CA 94608. The Department of Toxic Substances Control encourages you to review this project information on the work to be performed.

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 05/15/2017
Comments: The Geotechnical Investigation Work Plan, dated April 18, 2017, presents the scope of work associated with a proposed geotechnical investigation to inform the design and construction of the building foundation of a future mixed-use development planned for the former Sherwin-Williams Site (the Site). The proposed scope of work includes drilling a total of four soil borings to a depth of about 50 feet below the existing ground surface (bgs) and advancing a total of six cone penetrometer test (CPT) borings to a total depth of up to 100 feet bgs. The work plan also presents the procedures and protocols for advancing the soil and CPT borings. The procedures include grouting the borings from the bottom up to abandon the boreholes and decontaminate the drilling equipment between locations. Arcadis finds that, based on the procedures and protocols presented and the locations of the proposed borings, implementation of the geotechnical investigation in accordance with the Work Plan will not disturb the Installed Remedial Features at the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 07/25/2017
Comments: Revised Groundwater Model Update in Support of the Redevelopment of the former Sherwin-Williams Site, dated May 6, 2017 and revised July 5, 2017. The proposed redevelopment of the Site includes constructing structures with ancillary foundation systems. The proposed foundation systems consist of ground improvements using Drill Displacement Column (DDC) methodology. DDC installation will result in a disturbance of soil in a well-defined grout column at certain locations throughout the Site to depths of up to approximately 38 feet (ft) below ground surface (bgs). The overall purpose of the groundwater model update is to assess if the proposed foundation system will adversely impact the installed remedy at the Site, including potential adverse impacts to groundwater elevations or groundwater movement patterns. Findings documented in this letter report show that the proposed ground improvements will not adversely impact the Installed Remedial Features at the Site. Overall, modeling results indicate that the proposed DDC foundation system and major utility corridors will not adversely impact the Installed Remedial Features at the Site. However, if the proposed redevelopment plan changes significantly, the modeling will need to be re-evaluated.

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: 07/25/2017
Comments: Revised Proposed Contingency Action to Verify Arsenic Concentrations

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

in Monitoring Well CDM-108 at the former Sherwin-Williams Site, dated June 15, 2017 and revised July 15, 2017. An increased frequency of groundwater monitoring at CDM-108 and additional assessment of trends and seasonality are proposed as a contingency action. This will provide additional information regarding arsenic concentrations from CDM-108 and consists of the following activities: Increase frequency of groundwater monitoring for dissolved arsenic at CDM-108 from semiannual to every two months from June 2017 through October 2017. As such, well CDM-108 will be sampled in June, August, and October 2017. After the October 2017 monitoring event, Lennar will present DTSC a letter report within 30 days after validation of the laboratory results with updated concentration trends that include the dissolved arsenic data sets for CDM-108 from (1) well installation and first sampling in April 2012 through October 2017, (2) January 2014 through October 2017, and (3) April 2017 through October 2017. The results from the groundwater monitoring and trend evaluations proposed in this letter will be presented to DTSC in a letter report in late November or early December 2017, within 30 days after validation of the laboratory results of the October 2017 sampling event. In addition, the results of each sampling event will be provided via email to DTSC within 14 days after validation of laboratory results. Each contingency sampling event will be discussed with the DTSC in order to determine the next steps, including potential changes to the sampling and reporting frequency.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/26/2017
Comments: Soil and soil gas sampling completed for Additional Investigation to Support Redevelopment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/05/2017
Comments: Rockridge Geotechnical completed CPT (Cone Penetration Test) and soil boring field activities associated with the public notice and work plan, starting Thursday, June 1, 2017.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 05/26/2017
Comments: Quality Assurance Project Plan (QAPP) Addendum, dated May 26, 2017, prepared in support of the implementation of Arcadis Work Plan for Additional Investigation to Support Redevelopment, dated May 2, 2017. The following QAPP areas will be amended to meet the current needs of the project: Key Personnel Information, Regulatory Agency Information, Use of Data, and References to Current DTSC Guidance. All other components of the QAPP are current and remain in full effect.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/26/2017

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Comments: Groundwater sampling for Contingency Action at Well CDM-108.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 08/03/2017
Comments: On behalf of LMC Emeryville I Investor, LLC, a Delaware limited liability corporation (Lennar), Arcadis U.S., Inc. (Arcadis) is proposing to collect eight sub-slab soil-vapor samples to evaluate potential vapor intrusion risk into Building 1 and 31 at the former Sherwin-Williams Site, located at 1450 Sherwin Avenue in Emeryville, California. The eight proposed locations, identified SS1 through SS8, are shown on Figure 1. The fieldwork is scheduled to be performed on August 4, 2017 and should take one day to complete.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 03/28/2018
Comments: Stellar Environmental Solutions, Inc (Stellar Environmental) has completed this vapor intrusion assessment within the Buildings 1 and 31 at 1450 Sherwin Avenue, Emeryville, California site at the behest of New York Life Real Estate Investors (NYL), Paceline Investors, LLC, and affiliates, who are considering purchasing the Building 1-31 from the current owners, LMC EMERYVILLE I INVESTOR, LLC an entity of Lennar Development. The eight sub-slab samples specified by Stellar Environmental were collected by Arcadis (consultant to the current property owner), on August 4, 2017. The principal objective of the sub slab sampling was to meet the current site wide Land Use Covenant (LUC) that stipulated a vapor intrusion assessment must be completed at all locations where new buildings are planned or where renovation of existing buildings is planned, as is the case for Buildings 1 and 31. The Buildings 1 and 31 are intended to be used as commercial space by the prospective buyers after they are renovated. The collection of sub slab vapor from the eight sampling locations provides an adequate density and geographic coverage to evaluate the potential for vapor intrusion. The analytical results show detection of a variety of volatile compounds, both hydrocarbon and chlorinated, with PCE being detected in two of the eight samples above the Residential SL. The building cannot be used as residential if detections are above Residential SLs. However, the property is to be used as commercial only and none of the detections exceed the Commercial SLs. Thus no vapor intrusion risk is indicated with the proposed building being for commercial use only.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 08/24/2017
Comments: Arcadis sampled well CDM-108, per the Revised Proposed Contingency Action to Verify Arsenic Concentrations in Monitoring Well CDM-108 letter submitted in July 2017.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 12/13/2017

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Comments: This report addresses the requirements for conducting an evaluation of soil vapor conditions and indoor air quality prior to construction in accordancw with Provision 4.04 of the Land Use Covenant. This study concludes that additional investigation and/or engineering controls are not necessary for the Site, with the exception of the area of Parcel B1. In the area of Parcel B1, due to PID readings collected from soil samples screened during the advancement of boring SGMP-13 and the soil-vapor results from SGMP-13, additional characterization is recommended to determine the extent of naphthalene. An additional investigation work plan be submitted under a separate cover to evaluate potential naphthalene soil sources in Parcel B1. A limited soil excavation in the approximate area shown on Figures 6 and 7 is also recommended to remove residual arsenic and lead in soils near SWSABH04. At this time, with the exception of the Parcel B1 area, the Site is suitable for redevelopment. A Soil Management Plan (SMP) has been submitted under separate cover to DTSC for review and approval. The SMP will be implemented during redevelopment activities, and best management practices will be utilized at all applicable stages, especially in the event that affected soil and/or asphalt are encountered.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/13/2017
Comments: Arcadis sampled wells CDM-108, LF-41, and RP-2 on Friday, October 13, as part of the semiannual groundwater monitoring event and the CDM-108 contingency monitoring. Water level measurements will be performed during the first week of November 2017.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 11/20/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 11/10/2017
Comments: Water level measurements performed during the first week of November 2017.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 11/22/2017
Comments: Arcadis collected arsenic groundwater samples at monitoring well RP-2 on the Rifkin Parking Lot, associated with the former Sherwin Williams Emeryville Site. The sampling event took place on Wednesday, November 22, 2017, in response to an increasing arsenic concentration Mann-Kendall test trend observed following the October semiannual monitoring event. Per O&M Plan, Arcadis is implementing monthly sampling at well RP-2 for three months to further asses this trend.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Completed Document Type: Fieldwork
Completed Date: 12/21/2017
Comments: Arcadis collected arsenic groundwater samples at monitoring well RP-2 on the Rifkin Parking Lot, associated with the former Sherwin Williams Emeryville Site. The sampling event took place on Thursday, December 21, 2017, in response to an increasing arsenic concentration Mann-Kendall test trend observed following the October semiannual monitoring event. Per O&M Plan, Arcadis is implementing monthly sampling at well RP-2 for three months to further asses this trend.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 01/19/2018
Comments: In accordance with the O&M Plan, Arcadis conducted the quarterly round of water elevation measurements and collecting groundwater samples at monitoring wells RP-2 and CDM-108. The work was completed on Friday January 19, 2018.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 10/16/2015
Comments: Pre-HARP Form updated to include additional field staff and supervisor signatures.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 07/21/2016
Comments: DTSC reviewed the Response to Comments Document on the Draft Environmental Impact Report for the Sherwin-Williams Development Project (Project) SCH# 2004122083, dated June 2016, prepared by LSA Associates, Inc., and submitted to City of Emeryville.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 01/23/2013
Comments: O&M Agreement for future gw monitoring and annual site inspection.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 02/18/1998
Comments: San Francisco RWQCB issued a cleanup and abatement Order. DTSC will participate in a Consultative Workgroup that the Board will convene.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: AB 2061 - Designation
Completed Date: 07/31/1997
Comments: San Francisco RWQCB has been named lead for this project.

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

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

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
Completed Document Type: Correspondence
Completed Date: 07/19/2011
Comments: Memorandum, dated July 19, 2011, on Method for Establishing Daily PM10 Action Levels (calculations for air monitoring).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/04/2014
Comments: Request to use passive diffusion bags for gw monitoring of VOCs, not approved via letter 4/4/2014. New HydraSleeve SOP.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Post HARP Form
Completed Date: 01/22/2016
Comments: Post-HARP Form for fieldwork performed 1/21/2016: Observed monitoring and measurement of wells CDM-108, LF-41, RP-2, and LF-36. Discussed EIR for planned development and LUC for Restricted Novartis Property.

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: 01/06/2017
Comments: As required under Section 3.04 of the Covenant to Restrict Use of Property at 1450 Sherwin Ave, Emeryville CA, recorded 20 Dec 2012 in Alameda County, The Sherwin-Williams Co is providing notice of transfer of the Property. On December 20, 2016 SWACE LLC, the sole owner of the Property, was sold by Sherwin-Williams Acceptance Corporation (a wholly-owned subsidiary of The Sherwin-Williams Company) to LMC EMERYVILLE I INVESTOR, LLC, a Delaware limited liability company. Therefore, while the Property remains titled in SWACE LLC and no actual transfer of the subject property occurred, the ownership of SWACE LLC has transferred to LMC EMERYVILLE I INVESTOR, LLC. The Sherwin-Williams Company has no interest in LMC EMERYVILLE I INVESTOR, LLC, and is no longer a parent or shareholder of SW ACE LLC and retains no direct or indirect ownership interest in the Property.

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

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Completed Date: 01/08/2009
Comments: Continuing to work on the PHERA and revised Feasibility Study.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/09/2009
Comments: The groundwater extraction and treatment system (GWETS) operated for at least one hour/day during 83 days of the current quarter (October 1 to December 30, 2008). 648,500 gallons of water was extracted and treated, removing approximately 192 pounds of arsenic and 4 pounds of VOCs.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/09/2009
Comments: Continuing to work on the PHERA and the revised FS Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/30/2008
Comments: Treatment system operated for approximately 84 days with the largest shutdown of less than 48 hours. 448,840 gallons of water were treated, removing approximately 18 pounds of arsenic and 0.3 pounds of VOCs. Average flow rate was approximately 4.1 gpm during the days of normal operation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/06/2009
Comments: Monthly Report for March 2009 adequately documents activities conducted during March 2009.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 04/14/2009
Comments: Fact Sheet describing the Public Health Evaluation of the Remedial Alternative mailed out on 4/14/2009 to the Sherwin-Williams site mailing list.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/08/2009
Comments: The groundwater extraction and treatment system operated for at least one hour a day for 78 days during the current quarter. 944,100 gallons of water was extracted and treated (representing an average flow rate of 8.41 gpm during days of normal operation). The treatment system removed approximately 138 pounds of arsenic and 10 pounds of VOCs.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Completed Document Type: Other Report
Completed Date: 05/06/2009
Comments: April Monthly Summary Report. Sherwin-Williams submitted the final Feasibility Study (FS) and Public Health Evaluation of the Remedial Alternative (PHERA) Reports. Conducted a briefing for the Artist's Coop regarding the PHERA Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/21/2009
Comments: During June 2009, the groundwater extraction and treatment system continued to operate. Sherwin-Williams and DTSC met wih the City of Emeryville to discuss potential CEQA issues associated with the proposed alternative described in the Feasibility Study. The CWG review draft Remedial Action Plan was sent out to the Consultative Work Group (CWG).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/17/2009
Comments: Report adequate. Still working on draft RAP and CEQA Initial Study.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/03/2009
Comments: Report accepted. DTSC anticipates issuance of its comments on the Draft RAP and to continue its CEQA evaluation this month.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/08/2009
Comments: Report accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 10/23/2009
Comments: Fact Sheet for the Draft Remedial Action Plan and CEQA Mitigated Negative Declaration approved for distribution to the Sherwin-Williams Site mailing list.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/26/2010
Comments: No significant changes noted from previous reports.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 07/30/2010
Comments: Work Plan approved. The Work Plan proposes to collect lithologic information to test assumptions made in the groundwater model to

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

support the design of the final remedy. The Work Plan also proposes to collect soil for waste disposal companies to use in preparing how to handle the soil safely and appropriately.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 04/15/2011
Comments: Work notice announcing drilling to collect soil samples, installation of 44 soil vapor extraction wells to remove soil vapors and abandonment of 62 monitoring wells.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 06/10/2011
Comments: Work notice announcing start of Raised Cap removal anticipated to begin the week of 6/20/2011. Next community open house scheduled for 6/30/2011 at Emeryville City Council Chambers.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/21/2011
Comments: Daily Air Monitoring Reports for Week of 6/13.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/24/2011
Comments: Daily real-time air monitoring logs for week of 6/20.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/27/2011
Comments: Report approved w/comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/08/2011
Comments: Monthly Project Activities Summary Report July 2011 (revised August 8, 2011). Approved report details shoring for excavation, excavation & groundwater extraction & treatment that occurred this month.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 11/08/2008
Comments: Letter report summarizing the results of additional investigation conducted in support of the Remedial Action Plan and Remedial Design.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 10/05/2011

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Comments: Letter regarding controls for potential surface soil material tracking on Sherwin Street and street sweeping changes during remediation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 10/24/2011
Comments: Slurry wall extended & 1 breach relocated. Approved with the condition that 1 more monitoring well be added.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/06/2011
Comments: Groundwater Monitoring Report for the Quarterly Period July 1 through September 30, 2011, dated October 31, 2011. The approved report presents GW monitoring and treatment; arsenic concentrations are detailed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/23/2012
Comments: Groundwater Monitoring Report for the Quarterly Period October 1 through December 31, 2011, dated January 31,2012. The approved report presents GW monitoring and treatment; arsenic concentrations are detailed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Newsletter
Completed Date: 02/08/2012
Comments: Report of the Haiku Poetry Wall 2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 05/24/2012
Comments: Work Notice for soil gas monitoring in June 2012. Sherwin-Williams begins on-site field work on June 4th for four days.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/25/2012
Comments: Data Summary Report for Groundwater Monitoring Activities for the Period from March 1, 2012 through June 30, 2012. Approved Report presents GW monitoring and treatment; arsenic concentrations are detailed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 08/13/2012
Comments: Soil gas sampling plan to conduct a Gore survey to confirm presence of VOCs in the soil gas at the Site, in particular benzene. DTSC has

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

reviewed the proposed Gore sampling/VOC soil gas survey plan submitted on August 6, 2012. DTSC hereby approves the survey plan as presented with one suggestion. Our GSU has suggested moving one gore sampler closer to the property boundary near SGMP]10 to assess what might be migrating on]site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/15/2013
Comments: Soil Gas Data Summary and Evaluation Report 2012, dated March 14, 2013. Soil gas monitoring results; benzene & ethylbenzene detected at concentrations above residential screening levels.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 08/24/2012
Comments: Soil Gas Sampling Event

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/15/2013
Comments: Data Summary Report for Groundwater Monitoring Activities for the Period from July 1, 2012 through December 31, 2012. The report presents GW monitoring and treatment; arsenic concentrations are detailed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/26/2013
Comments: Remedy implementation at the Site is effective; All wells that have sufficient groundwater data to make an evaluation, COC concentrations are below cleanup goals and/or concentration trends are statistically stable or decreasing. Also, groundwater movement patterns are consistent with the projected design conditions.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/25/2014
Comments: GW monitoring results; At majority of groundwater monitoring wells, chemicals of concern (COCs) concentration trends are statistically stable (1 well increasing); groundwater movement patterns are consistent with the projected design.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Workplan
Completed Date: 12/22/2015
Comments: Five-Year Review Work Plan dated December 21, 2015, approved by DTSC letter dated December 22, 2015. This Work Plan has been prepared to meet the requirements of Section 7 of the O&M Agreement and Section 3.4.3 of the O&M Plan regarding five-year review. This is the first five-year review of the remediation system after its implementation

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

was completed in April 2012. Specifically, this Work Plan describes the approach to review and reevaluate the remediation system. The review and reevaluation will be conducted to determine if human health and the environment are being adequately protected by the remediation system. After DTSC approval of the Work Plan, S-W will submit a draft report of the results of the five-year review to DTSC by the later of (1) February 28, 2016 or (2) 45 days following DTSC approval of the Work Plan. The report shall describe the results of all sampling analyses, tests and other data generated or received and evaluate the adequacy of the implemented remedy in protecting human health and the environment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 08/11/2016
Comments: The implemented remedy has been effective with achieving the project RAOs: there is no human health exposure to contaminated soil or groundwater at the Site. The one remaining exceedance of arsenic in soil above the cleanup goal, sample location SWSABHO4, is in area paved with concrete. This is not considered to be a significant change in the distribution or concentration of impacted soils at the Site. The data collected from the groundwater monitoring program have been consistent with the RAOs, cleanup goals, and conceptual site model (CSM) presented in the RAP. The existing RAOs, cleanup goals, and the criteria used for their selection (as presented in the RAP) remain valid and do not need modification. The remediation system components are operating as intended and, along with the Covenant, are protective of human health and the environment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 01/18/2013
Comments: Soil Vapor Sampling

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 04/26/2013
Comments: Groundwater Monitoring Event

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 01/25/2013
Comments: Groundwater Monitoring Event

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/03/2013
Comments: Soil Gas Sampling Event

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Completed Date: 08/15/2013
Comments: Benzene, ethylbenzene, and naphthalene have been detected in soil vapor above residential CHHSLs. Evaluation of soil vapor intrusion recommended at the time of new development.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/19/2013
Comments: Quarterly Groundwater Monitoring Event

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/11/2013
Comments: GW monitoring event completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 02/13/2014
Comments: Groundwater Monitoring Event

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 05/05/2014
Comments: Annual Groundwater Monitoring Event

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 02/21/2014
Comments: Groundwater Monitoring Event

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 04/21/2014
Comments: Hydrasleeves to be used to sample groundwater

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/11/2014
Comments: Semi-Annual Groundwater Monitoring Report. Data Summary Report for Groundwater Monitoring Activities for the Period from January 1, 2014 through June 30, 2014. Although an increasing concentration trend was observed at well CDM-108, groundwater elevation and sampling data collected post remedy implementation at all other groundwater monitoring locations from April 2012 through May 2014 demonstrate that remedy implementation at the Site is consistent with the remedy effectiveness criteria and that contingency actions (other than an increase in monitoring frequency of well CDM-108, as recommended in CDM Smith letter submitted concurrently with this report) are currently not necessary. Site construction and/or operations have not impacted the effectiveness of the remedy components.

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/08/2015
Comments: gw monitoring continues to demonstrate that the remedy is consistent with the remedy effectiveness criteria.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/11/2014
Comments: Groundwater Monitoring Event

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/30/2014
Comments: Quarterly Groundwater Monitoring Event

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 04/27/2015
Comments: Groundwater monitoring fieldwork completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 10/28/2015
Comments: DTSC Geological Services Unit oversight provided October 27, 2015. DTSC Site Visit Report by Geological Services Unit completed October 28, 2015.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 08/12/2016
Comments: Groundwater samples were collected from 20 monitoring wells during the October 2015 semiannual monitoring event and 33 monitoring wells during the April 2016 annual monitoring event for analysis of dissolved arsenic, volatile organic compounds, and total petroleum hydrocarbons (TPH) as diesel, gasoline, and motor oil as outlined in the O&M Plan. Additionally, contingency quarterly monitoring was conducted at monitoring well location CDM-108 in July 2015 and January 2016 to reevaluate the statistically increasing groundwater arsenic concentration trend. Furthermore, monthly monitoring was conducted at monitoring well location LF-41 from November 2015 through January 2016 as a result of a statistically increasing groundwater arsenic concentration trend calculated following the semiannual monitoring event.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 08/21/2015
Comments: Groundwater concentrations are within historic ranges. MW108 will continue to be observed to ensure that concentrations are not

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

increasing.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 01/31/2015
Comments: Groundwater sampling at well CDM-108 only.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 04/28/2016
Comments: Event concluded on 4/28/2016. DTSC observed sampling at CDM-110, CDM-111, CDM-113, RP-1, LF-35, and LF-12 on 4/20/2016.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Financial Assurance Documentation
Completed Date: 03/25/2015
Comments: Financial Assurance Review - No violations

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/08/2015
Comments: Monitoring completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 09/01/2015
Comments: Proposed/Approved Groundwater Monitoring for Well CDM-108 through April 2016. Monitoring well CDM-108 is the only location at the site that has demonstrated an increasing trend for dissolved arsenic in groundwater since completion of the remedy in April 2012. Increased frequency of quarterly groundwater monitoring at CDM 108 will continue through April 2016, so that the additional data can be gathered to provide confidence in the trend evaluation. Sampling results from monitoring well CDM-108 will be presented and evaluated in the Five-Year Review.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 11/23/2015
Comments: Monitoring event was completed November 23, 2015 as scheduled and in accordance with the plan. Well LF-41 was sampled and site-wide groundwater elevation measurements were collected.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/17/2015
Comments: Site-wide depth to groundwater measurements and well LF-41 sampling.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Completed Document Type: Fieldwork
Completed Date: 01/21/2016
Comments: Groundwater monitoring of wells LF-41 & CDM-108 and site-wide measurement of groundwater levels, performed by ARCADIS. CDM attended and DTSC oversaw monitoring/measurement of wells CDM-108, LF-41, RP-2, and LF-36.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 02/24/2016
Comments: Depth to groundwater measurements completed as planned. GW levels decreased since last event in January 2016.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 07/21/2016
Comments: Public notice discussing the results of the 5-Year Review was mailed Thursday, July 21 to a total of 1,263 contacts.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/19/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 07/05/2017
Comments: Public Records Act Request #2-062717-03. Emailed DRAFT documents, regarding groundwater, that are currently under review and pending approval by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/27/2017
Comments: DTSC Financial Responsibility Unit issued two letters: 1) Release and Termination of Irrevocable Standby Letter of Credit (LOC), and, 2) Termination of Operations and Maintenance Trust Agreement. The facility was recently sold and the new Responsible Party (RP) has submitted a replacement mechanism. DTSC has reviewed and approved the new mechanism, therefore, in accordance with California Code of Regulations, title 22, sections 66265.143(c)(10)(A) and 66265.143(a)(12)(A), and per Section 17 of the Trust, DTSC agrees to the termination of the LOC and the Trust.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/20/2012
Comments: Notice to Site Consultative Workgroup. DTSC is hereby providing notice that all Site cleanup activities, as provided in the DTSC approved Remedial Action Plan dated June 14, 2010 and described in the Remedial Design and Implementation Plan, have been implemented.

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

DTSC will be issuing a Certificate of Completion to The Sherwin-Williams Company.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 02/26/2016
Comments: Voluntary Cleanup Agreement fully-executed on February 26, 2016, between DTSC and LMC Emeryville I Investors LLC (Proponent). This Agreement applies to the property located at 1450 Sherwin Avenue, Emeryville, in Alameda County, California 94608 (Site), identified by Alameda Assessor's Parcel Numbers 049-1041-26-15, and any off-site area to which hazardous substances have or may have migrated from the Site. DTSC shall review and provide Proponent with written comments on all Proponent s deliverables as described in Exhibit C (Scope of Work) and other documents applicable to the scope of the project. Scope of Work includes Draft Environmental Impact Report (Draft EIR), Soils Management Plan (SMP), Quality Assurance/Quality Control (QA/QC) Plan, and Health and Safety Plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: AB 2061 - Designation
Completed Date: 02/23/2006
Comments: Site Designation Committee transferred lead agency status to DTSC due to changes in site conditions and proposed reuse.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 06/22/2011
Comments: Demand Letter #2

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 07/15/2011
Comments: Request/Approval to modify perimeter air sampling program.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 05/18/2011
Comments: Demand Letter #1

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 12/20/2012
Comments: Restricts the use of groundwater and subsurface features must be maintained for gw pathway; soil vapor investigation/prevention needed prior to redevelopment.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 01/23/2013

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Comments: All RAP requirements met; site is certified.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/28/2018
Comments: Notice that the current owner of the former Sherwin-Williams property located at 1450 Sherwin Ave, Emeryville, CA, SWACE, LLC (LMC Emeryville Investor I, LLC) intends to sell a portion of the property that includes the existing office building (Building 1/31), commonly addressed as 1450 Sherwin Ave., to a joint venture between Paceline Investors and New York Life (formal entity name to be determined and located at 595 Market Street Suite 2525 SF, CA 94105) in the second quarter of 2018. The parcel that will be transferred and sold is shown as Lot 1 in the attached Final Map exhibit. As a result of this sale and transfer, Paceline Investors will also be requesting and initiating a new Voluntary Cleanup Agreement (VCA) with the DTSC in the near future. The Department of Toxic Substances Control (DTSC) has received and acknowledges the Notice of Conveyance of Building 1/31 Portion of Property, dated March 20, 2018, for the former Sherwin Williams site located at 1450 Sherwin Avenue in Emeryville, California. DTSC Site Code 200956 is currently closed. DTSC Site Codes 202067 and 202179 are currently open for actively invoicing SWACE/LMC Emeryville Investor I, LLC and Paceline Investors & New York Life Investors Joint Venture (formal entity name TBD), respectively.

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.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 06/14/2010
Comments: DTSC approved the Final Negative Declaration and prepared a Notice of Determination after responding to the comments received.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operation & Maintenance Order/Agreement
Completed Date: 02/14/2017
Comments: Operation and Maintenance Agreement. The California Department of Toxic Substances Control (DTSC) and land owner LMC Emeryville I Investor, LLC, a Delaware limited liability corporation (Proponent) enter into this Operation and Maintenance Agreement (Agreement). Proponent shall fully implement the DTSC-approved Operation and Maintenance Plan (O&M Plan) dated December 11, 2012, as modified by the Five-Year Review Report dated June 17, 2016, including any requirements for inspections, monitoring, reporting and record keeping, or any successor O&M Plan as later approved by DTSC. Proponent shall review and reevaluate the Installed Remedy after a period of five years from the completion of construction and startup of the Installed Remedy and every five years thereafter, until Proponent demonstrates that it has met the remedial goals for the

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Site and DTSC issues a written determination that no further five-year reviews are required.

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: Letter - Demand
Completed Date: 01/23/2012
Comments: Demand letter #1

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 05/10/2006
Comments: Imminent or Substantial Endangerment Determination and Order and Remedial Action Order, issued May 10, 2006, to the Sherwin-Williams Company as a party responsible for cleaning up a release of hazardous substances at the Sherwin-Williams Site located at 1450 Sherwin Street in Emeryville, Alameda County, California.

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: 09/23/2015
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: CEQA - Responsible Agency Review
Completed Date: 03/07/2016
Comments: DTSC comments to the City of Emeryville, dated March 7, 2016, on the Draft Environmental Impact Report for the Sherwin Williams Development Project (Project) SCH# 2004122083. The Project proposes mixed-used residential (540 units) and commercial (94,600 square feet) redevelopment of a 10.05-acre site located in the City of Emeryville, Alameda County, California. As a Responsible Agency, DTSC is submitting comments to ensure that the environmental documentation prepared for this project under the California Environmental Quality Act (CEQA) adequately addresses activities pertaining to releases of hazardous substances.

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

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: Technical Workplan
Completed Date: 12/21/2017
Comments: Work Plan for Additional Investigation at Parcel B1 (Work Plan). The Work Plan addresses recommendations presented in Arcadis Final Summary Report for the Additional Investigation to Support Redevelopment for 1450 Sherwin Avenue, Emeryville California, dated December 4, 2017 (the 2017 Additional Investigation Report), and discussions with the California Environmental Protection Agency, Department of Toxic Substances Control (DTSC) during a meeting on November 15, 2017. To delineate the extent of potential naphthalene-impacted soil in the vicinity of SGMP-13, Arcadis proposes to install eight step-out soil borings (LH-07 through LH-14) for collection and laboratory analyses of depth-discrete soil samples. The proposed soil boring locations are illustrated on Figure 2 and include: one boring at the location of SGMP-13, one boring to the north (15 feet), two borings to the east (15 and 50 feet), two borings to the south (15 and 100 feet), two borings to the west (15 and 100 feet), and one boring to the southwest (100 feet) of SGMP-13. A total of eight soil borings will be advanced to 5 feet bgs as part of this investigation. In addition, Arcadis may advance additional step-out soil borings depending on the analytical results at borings SGMP-13 and LH-07 through LH-14. Field implementation of the soil sampling work will take two days to complete. Arcadis anticipates submitting the final investigation and remediation summary report six weeks following receipt of confirmation sampling analytical results. Arcadis will prepare a report to describe the activities conducted;tabulate and evaluate the sample data collected; and provide recommendations.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 01/30/2018
Comments: Arcadis conducted shallow soil sampling with a hand auger in accordance with the Work Plan for Additional Investigation at Parcel 81 (Work Plan), dated December 13, 2017, for the former Sherwin Williams site located at 1450 Sherwin Avenue in Emeryville, California. This sampling was conducted to further delimit the presumed naphthalene soil hot spot. The fieldwork started Monday January 29, 2018 and took to two days to complete.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 03/28/2018
Comments: This Report documents the results of a soil quality investigation conducted to confirm the presence of, and delineate the extent of, a presumed naphthalene soil hot spot in the vicinity of soil vapor monitoring point SGMP-13 in Parcel B1 of the Site (Figure 2). This

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

scope of work, methods, and procedures employed to implement the investigation were presented in Arcadis' Work Plan for Additional Investigation at Parcel B1 (Work Plan), approved by DTSC in correspondence dated December 21, 2017. All work was conducted in general accordance with the Work Plan, QAPP, and QAPP Addendum. The naphthalene hot spot was identified and vertically and laterally delineated. A limited soil excavation in the approximate area shown on Figure 3 is recommended to remove residual naphthalene in soils near SGMP-13. A work plan will be submitted under a separate cover to outline methods and procedures for the proposed limited soil excavation near SGMP-13. As shown on Figure 3, the excavation is proposed to be approximately 34 feet by 18 feet to an approximate depth of 5 feet bgs, however, may be extended based on PID readings in the field. Based on the proposed excavation dimensions, the anticipated inplace volume of soil is approximately 113 cubic yards. Prior to excavation, Arcadis recommends that concrete pads near SGMP-13 be removed. The work plan will present procedures for confirmation soil-vapor sampling, which will include installation and sampling of one soil-vapor probe located in undisturbed soils approximately 5 feet from each excavation sidewall. Since naphthalene has a low odor threshold, odor control procedures will be presented in the work plan. The work plan will also outline the procedures for the excavation of the arsenic and lead hot spot in soils near historical soil boring SWSABH04 recommended in Arcadis 2017 Additional Investigation Report (Arcadis 2017b). The naphthalene soil hot spot excavation work may be conducted concurrently with the arsenic and lead hot spot excavation.

Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Land Use Restriction
Future Due Date:	2018
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Land Use Restriction - Amendment
Future Due Date:	2018
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:	2020
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:	2018
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Public Notice
Future Due Date:	2021
Future Area Name:	PROJECT WIDE

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2021
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

LUST:
Lead Agency: ALAMEDA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101882
Global Id: T0600101882
Latitude: 37.832592
Longitude: -122.28965
Status: Completed - Case Closed
Status Date: 01/27/2006
Case Worker: Not reported
RB Case Number: 01-2037
Local Agency: Not reported
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: RO0000441
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Heating Oil / Fuel Oil
Site History: Not reported

LUST:
Global Id: T0600101882
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: T0600101882
Action Type: ENFORCEMENT
Date: 01/27/2006
Action: Closure/No Further Action Letter - #2006-01-27

Global Id: T0600101882
Action Type: Other
Date: 08/03/1994
Action: Leak Stopped

Global Id: T0600101882
Action Type: Other
Date: 08/03/1994
Action: Leak Discovery

Global Id: T0600101882
Action Type: REMEDIATION
Date: 10/25/1994
Action: Excavation

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Global Id: T0600101882
Action Type: Other
Date: 09/01/1994
Action: Leak Reported

LUST:
Global Id: T0600101882
Status: Open - Case Begin Date
Status Date: 08/03/1994

Global Id: T0600101882
Status: Completed - Case Closed
Status Date: 01/27/2006

LUST REG 2:
Region: 2
Facility Id: 01-2037
Facility Status: Preliminary site assessment underway
Case Number: 5016
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: Not reported
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

CPS-SLIC:
Region: STATE
Facility Status: Open - Remediation
Status Date: 06/01/2005
Global Id: SL18257678
Lead Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL
Lead Agency Case Number: 60000189
Latitude: 37.832045
Longitude: -122.287198
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL
RB Case Number: 01S0204
File Location: Not reported
Potential Media Affected: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Not reported
Site History: Case transferred from Water Board to DTSC in 2005

Click here to access the California GeoTracker records for this facility:

Alameda County CS:
Status: Case Closed
Record Id: RO0000441

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

PE: 5602
Facility Status: Case Closed
Latitude: 37.83194652
Longitude: -122.28898493

Status: 11
Record Id: RO0002811
PE: 5502
Facility Status: Not reported
Latitude: 37.83193652
Longitude: -122.28899493

DEED:
Envirostor ID: 60000189
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): 12/20/2012
File Name: Envirostor Land Use Restrictions

CORTESE:
Region: CORTESE
Envirostor Id: 60000189
Site/Facility Type: STATE RESPONSE
Cleanup Status: CERTIFIED / OPERATION & MAINTENANCE - LAND USE RESTRICTIONS
Status Date: 01/23/2013
Site Code: 200956, 202067
Latitude: 37.832945
Longitude: -122.28979
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

Region: CORTESE
Envirostor Id: Not reported
Site/Facility Type: Not reported
Cleanup Status: Not reported
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Flag:	CORTESE
Order No:	R2-2004-0055
Waste Discharge System No:	Not reported
Effective Date:	09/04/2004
Region 2:	2
WID Id:	2 019309001
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Cease Desist Orders & Cleanup Abatement Orders

ENF:

Region:	2
Facility Id:	201620
Agency Name:	Sherwin Williams Company
Place Type:	Facility
Place Subtype:	Groundwater Cleanup Site
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	37.836111
Place Longitude:	122.289722
SIC Code 1:	3599
SIC Desc 1:	Industrial and Commercial Machinery and Equipment, NEC
SIC Code 2:	2851
SIC Desc 2:	Paints, Varnishes, Lacquers, Enamels, and Allied Products
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.0432
Threat To Water Quality:	2
Complexity:	B
Pretreatment:	N - POTW does not have EPA approved pretreatment prog.
Facility Waste Type:	Contaminated ground water
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDNONMUNIPRCS
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	2 019309001
Reg Measure Id:	179993
Reg Measure Type:	Enrollee
Region:	2
Order #:	R2-2004-0055
Npdes# CA#:	CAG912003
Major-Minor:	Minor
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	01/07/2010
Effective Date:	09/04/2004
Expiration/Review Date:	07/21/2009
Termination Date:	11/16/2009
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Y
Individual/General:	I
Fee Code:	62 - Treatment system to meet priority pollutant limit Category 1
Direction/Voice:	Passive
Enforcement Id(EID):	222406
Region:	2
Order / Resolution Number:	97-047
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	04/07/1997
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	Enforcement - 2 019309001
Description:	CAO-
Program:	NPDNONMUNIPRCS
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

Region:	2
Facility Id:	201620
Agency Name:	Sherwin Williams Company
Place Type:	Facility
Place Subtype:	Groundwater Cleanup Site
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	37.836111
Place Longitude:	122.289722
SIC Code 1:	3599
SIC Desc 1:	Industrial and Commercial Machinery and Equipment, NEC
SIC Code 2:	2851
SIC Desc 2:	Paints, Varnishes, Lacquers, Enamels, and Allied Products
SIC Code 3:	Not reported
SIC Desc 3:	Not reported

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.0432
Threat To Water Quality:	2
Complexity:	B
Pretreatment:	N - POTW does not have EPA approved pretreatment prog.
Facility Waste Type:	Contaminated ground water
Facility Waste Type 2:	Not reported
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDNONMUNIPRCS
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	2 019309001
Reg Measure Id:	179993
Reg Measure Type:	Enrollee
Region:	2
Order #:	R2-2004-0055
Npdes# CA#:	CAG912003
Major-Minor:	Minor
Npdes Type:	Not reported
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	Not reported
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	01/07/2010
Effective Date:	09/04/2004
Expiration/Review Date:	07/21/2009
Termination Date:	11/16/2009
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	Y
Individual/General:	I
Fee Code:	62 - Treatment system to meet priority pollutant limit Category 1
Direction/Voice:	Passive
Enforcement Id(EID):	222041
Region:	2
Order / Resolution Number:	R2-1998-0009
Enforcement Action Type:	Clean-up and Abatement Order
Effective Date:	02/18/1998
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	Not reported
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

Status:	Active
Title:	Enforcement - 2 019309001
Description:	SCR-
Program:	NPDNONMUNIPRCS
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

CIWQS:

Agency:	Sherwin Williams Company
Agency Address:	101 Northwest Prospect Avenue, Cleveland, OH 44115-1075
Place/Project Type:	Groundwater Cleanup Site
SIC/NAICS:	Multiple SIC
Region:	2
Program:	NPDNONMUNIPRCS
Regulatory Measure Status:	Historical
Regulatory Measure Type:	Enrollee
Order Number:	R2-2009-0059
WDID:	2 019309001
NPDES Number:	CAG912003
Adoption Date:	Not reported
Effective Date:	11/17/2009
Termination Date:	01/09/2012
Expiration/Review Date:	09/30/2014
Design Flow:	0.0432
Major/Minor:	Minor
Complexity:	B
TTWQ:	2
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	37.836111
Longitude:	Error

Agency:	Envirocon Inc
Agency Address:	1687 Eureka Road Suite 200, Roseville, CA 95661
Place/Project Type:	Construction - Other: Environmental Remediation
SIC/NAICS:	Not reported
Region:	2
Program:	CONSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	2 01C361055
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	05/24/2011
Termination Date:	05/03/2012
Expiration/Review Date:	Not reported
Design Flow:	Not reported
Major/Minor:	Not reported
Complexity:	Not reported

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SOUTHERN PACIFIC TRANSPORTATION COM (Continued) **S104396738**

TTWQ:	Not reported
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	37.832946
Longitude:	-122.289793

CERS TANKS:

Site ID:	188575
CERS ID:	T0600101882
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

Site ID:	342946
CERS ID:	60000189
CERS Description:	State Response

Affiliation:

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

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

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AV215 **PACIFIC GAS & ELECTRIC COMPANY** **CA BOND EXP. PLAN** **S100833266**
NW **4525 HOLLIS STREET** **EMI** **N/A**
1/2-1 **EMERYVILLE, CA 94608**
0.652 mi.
3440 ft. **Site 1 of 2 in cluster AV**

Relative:
Lower

Actual:
20 ft.

CA BOND EXP. PLAN:

Reponsible Party:	RESPONSIBLE PARTY-LEAD SITE CLEANUP WORKPLAN
Project Revenue Source Company:	Not reported
Project Revenue Source Addr:	Not reported
Project Revenue Source City,St,Zip:	Not reported
Project Revenue Source Desc:	DHS will be issuing a remedial action order or entering into an enforceable agreement with the responsible parties. DHS has budgeted $50,000 for oversight/monitoring of cleanup efforts. DHS will recover 100 percent of direct costs plus staff costs and overhead related to the project. The responsible parties will pay all costs associated with remedial investigations and cleanup activities.
Site Description:	This site, which has been in operation since the early 1920s, is a Pacific Gas and Electric's Materials Distribution Center. The site has served as a warehouse, repair shop and storage yard for transformers, capacitors and other electrical supplies.A tank farm for the storage of fuel and transformer oil is also present on the site. The facility covers approximately two city blocks of an area which is generally industrialized.
Hazardous Waste Desc:	The soil is contaminated with polychlorinated biphenyls (PCBs) and lead, which is present at very high concentrations in localizd areas. The ground water is contaminated with heavy metals that may have origniated from the site.
Threat To Public Health & Env:	Direct contact with soil is unlikely; the site is completely fenced. Two ground water wells present on the site have been abandoned. There is no known use of the ground water for drinking water supply or for industrial uses.
Site Activity Status:	More PCB contamination has been found as the result of recent soil sampling. PG&E plans to modify their removal action plan, accordingly. If the cleanup costs are less than $250,000, DHS will exempt the site from the formal RAP requirements.

EMI:

Year:	1995
County Code:	1
Air Basin:	SF
Facility ID:	7569
Air District Name:	BA
SIC Code:	4939
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
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1996
County Code:	1
Air Basin:	SF
Facility ID:	7569
Air District Name:	BA
SIC Code:	4939
Air District Name:	BAY AREA AQMD

Draft

PACIFIC GAS & ELECTRIC COMPANY (Continued) **S100833266**

Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	10
Reactive Organic Gases Tons/Yr:	8
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1997
County Code:	1
Air Basin:	SF
Facility ID:	7569
Air District Name:	BA
SIC Code:	4939
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
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1998
County Code:	1
Air Basin:	SF
Facility ID:	7569
Air District Name:	BA
SIC Code:	4939
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
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	1999
County Code:	1
Air Basin:	SF
Facility ID:	7569
Air District Name:	BA
SIC Code:	4939
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

DRAFT

PACIFIC GAS & ELECTRIC COMPANY (Continued) **S100833266**

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

Year:	2000
County Code:	1
Air Basin:	SF
Facility ID:	7569
Air District Name:	BA
SIC Code:	4939
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 Smllr Tons/Yr:	0

Year:	2001
County Code:	1
Air Basin:	SF
Facility ID:	7569
Air District Name:	BA
SIC Code:	4939
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
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2002
County Code:	1
Air Basin:	SF
Facility ID:	7569
Air District Name:	BA
SIC Code:	4939
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
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2003
County Code:	1

DRAFT

PACIFIC GAS & ELECTRIC COMPANY (Continued) **S100833266**

Air Basin:	SF
Facility ID:	7569
Air District Name:	BA
SIC Code:	4939
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
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2004
County Code:	1
Air Basin:	SF
Facility ID:	7569
Air District Name:	BA
SIC Code:	4939
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:	0.737
Reactive Organic Gases Tons/Yr:	0.3442604
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2005
County Code:	1
Air Basin:	SF
Facility ID:	7569
Air District Name:	BA
SIC Code:	4939
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:	.737
Reactive Organic Gases Tons/Yr:	.3442604
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2006
County Code:	1
Air Basin:	SF
Facility ID:	7569
Air District Name:	BA
SIC Code:	4939
Air District Name:	BAY AREA AQMD
Community Health Air Pollution Info System:	Not reported

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PACIFIC GAS & ELECTRIC COMPANY (Continued) **S100833266**

Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	.125
Reactive Organic Gases Tons/Yr:	.059074
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2007
County Code:	1
Air Basin:	SF
Facility ID:	7569
Air District Name:	BA
SIC Code:	4939
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:	.125
Reactive Organic Gases Tons/Yr:	.059074
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2008
County Code:	1
Air Basin:	SF
Facility ID:	7569
Air District Name:	BA
SIC Code:	4939
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:	.125
Reactive Organic Gases Tons/Yr:	.059074
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2009
County Code:	1
Air Basin:	SF
Facility ID:	7569
Air District Name:	BA
SIC Code:	4939
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:	0.125
Reactive Organic Gases Tons/Yr:	5.9074000000000002E-2
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0

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PACIFIC GAS & ELECTRIC COMPANY (Continued) **S100833266**

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

Year:	2010
County Code:	1
Air Basin:	SF
Facility ID:	7569
Air District Name:	BA
SIC Code:	4939
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:	3.0000000000000001E-3
Reactive Organic Gases Tons/Yr:	2.8900000000000002E-3
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2011
County Code:	1
Air Basin:	SF
Facility ID:	7569
Air District Name:	BA
SIC Code:	4939
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:	0.003
Reactive Organic Gases Tons/Yr:	0.00289
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2012
County Code:	1
Air Basin:	SF
Facility ID:	7569
Air District Name:	BA
SIC Code:	4939
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:	0.003
Reactive Organic Gases Tons/Yr:	0.00289
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2013
County Code:	1
Air Basin:	SF

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PACIFIC GAS & ELECTRIC COMPANY (Continued) **S100833266**

Facility ID:	7569
Air District Name:	BA
SIC Code:	4939
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:	0.003
Reactive Organic Gases Tons/Yr:	0.00289
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2014
County Code:	1
Air Basin:	SF
Facility ID:	7569
Air District Name:	BA
SIC Code:	4939
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:	0.00295628
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Year:	2015
County Code:	1
Air Basin:	SF
Facility ID:	7569
Air District Name:	BA
SIC Code:	4939
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:	0.004790944
Reactive Organic Gases Tons/Yr:	0.004790944
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

DRAFT

AV216 **MATERIALS DISTRIBUTION CENTER** **ENVIROSTOR** **S101624440**
NW **4525 HOLLIS ST** **LUST** **N/A**
1/2-1 **EMERYVILLE, CA 94608** **CPS-SLIC**
0.652 mi. **Alameda County CS**
3440 ft. **Site 2 of 2 in cluster AV** **VCP**
SWEEPS UST
Relative: **CA FID UST**
Lower **DEED**
CHMIRS
Actual: **HIST CORTESE**
20 ft. **CERS**

ENVIROSTOR:

Facility ID:	1490011
Status:	Active
Status Date:	11/21/2008
Site Code:	201830
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	15.1
NPL:	NO
Regulatory Agencies:	SMBRP, ALAMEDA COUNTY
Lead Agency:	SMBRP
Program Manager:	Janet Naito
Supervisor:	Janet Naito
Division Branch:	Cleanup Berkeley
Assembly:	15
Senate:	09
Special Program:	Voluntary Cleanup Program
Restricted Use:	YES
Site Mgmt Req:	ELD, HOS, LUC, GW, OIL, NOWN, SCH, RES
Funding:	Responsible Party
Latitude:	37.83424
Longitude:	-122.2875
APN:	049 104107002, 49-1032-13, 49-1032-14, 49-1041-29-1, 49-1041-29-2, 49-1041-61, 49-1041-70-2, 49-1041-71-2
Past Use:	EQUIPMENT/INSTRUMENT REPAIR, TRANSFORMER REPAIR
Potential COC:	Arsenic Lead Polychlorinated biphenyls (PCBs TPH-diesel TPH-MOTOR OIL Not reported
Confirmed COC:	Arsenic TPH-diesel TPH-MOTOR OIL Polychlorinated biphenyls (PCBs Lead Not reported
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

DRAFT

MATERIALS DISTRIBUTION CENTER (Continued) **S101624440**

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=T0600101667
Global Id:	T0600101667
Latitude:	37.8330054185524
Longitude:	-122.28719830513
Status:	Open - Site Assessment
Status Date:	10/28/2010
Case Worker:	Not reported
RB Case Number:	01-1799
Local Agency:	DEPARTMENT OF TOXIC SUBSTANCES CONTROL
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	RO0000286
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Polychlorinated biphenyls (PCBs), Lead, Diesel, Gasoline, Kerosene, Waste Oil / Motor / Hydraulic /
Site History:	Not reported

LUST:

Global Id:	T0600101667
Action Type:	Other
Date:	10/23/1991
Action:	Leak Discovery
Global Id:	T0600101667
Action Type:	Other
Date:	10/23/1991
Action:	Leak Stopped
Global Id:	T0600101667
Action Type:	REMEDIATION
Date:	10/24/1991
Action:	Excavation
Global Id:	T0600101667
Action Type:	ENFORCEMENT
Date:	04/22/2010
Action:	Technical Correspondence / Assistance / Other
Global Id:	T0600101667
Action Type:	Other
Date:	11/19/1991
Action:	Leak Reported
Global Id:	T0600101667
Action Type:	ENFORCEMENT
Date:	07/24/2009
Action:	Staff Letter - #20090724
Global Id:	T0600101667
Action Type:	ENFORCEMENT
Date:	07/24/2009
Action:	Notice of Violation - #20090724
Global Id:	T0600101667

DRAFT

MATERIALS DISTRIBUTION CENTER (Continued) **S101624440**

Action Type: ENFORCEMENT
Date: 07/03/2008
Action: Staff Letter - #20080703

Global Id: T0600101667
Action Type: RESPONSE
Date: 08/10/2009
Action: Electronic Reporting Submittal Due

Global Id: T0600101667
Action Type: ENFORCEMENT
Date: 03/22/2010
Action: Referral to Other State Agency

LUST:
Global Id: T0600101667
Status: Open - Case Begin Date
Status Date: 11/19/1991

Global Id: T0600101667
Status: Open - Site Assessment
Status Date: 01/11/1994

Global Id: T0600101667
Status: Open - Referred
Status Date: 12/29/2009

Global Id: T0600101667
Status: Open - Referred
Status Date: 04/28/2010

Global Id: T0600101667
Status: Open - Site Assessment
Status Date: 04/28/2010

Global Id: T0600101667
Status: Open - Site Assessment
Status Date: 10/28/2010

LUST REG 2:
Region: 2
Facility Id: 01-1799
Facility Status: Preliminary site assessment underway
Case Number: 355
How Discovered: Tank Closure
Leak Cause: Overfill
Leak Source: Other Source
Date Leak Confirmed: Not reported
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

DRAFT

MATERIALS DISTRIBUTION CENTER (Continued) **S101624440**

CPS-SLIC:

Region:	STATE
Facility Status:	**Completed - Case Closed**
Status Date:	01/01/2002
Global Id:	SL20222840
Lead Agency:	SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number:	Not reported
Latitude:	37.833075
Longitude:	-122.285194
Case Type:	Cleanup Program Site
Case Worker:	UUU
Local Agency:	Not reported
RB Case Number:	SL20222840
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:

Alameda County CS:

Status:	Pollution Characterization
Record Id:	RO0000286
PE:	5602
Facility Status:	Pollution Charaterization
Latitude:	Not reported
Longitude:	Not reported

Status:	Pollution Characterization
Record Id:	RO0000286
PE:	5602
Facility Status:	Pollution Charaterization
Latitude:	Not reported
Longitude:	Not reported

Status:	Pollution Characterization
Record Id:	RO0000286
PE:	5602
Facility Status:	Pollution Charaterization
Latitude:	Not reported
Longitude:	Not reported

VCP:

Facility ID:	1490011
Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Cleanup
Site Mgmt. Req.:	ELD, HOS, LUC, GW, OIL, NOWN, SCH, RES
Acres:	15.1
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP, ALAMEDA COUNTY
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Janet Naito
Supervisor:	Janet Naito
Division Branch:	Cleanup Berkeley
Site Code:	201830

DRAFT

MATERIALS DISTRIBUTION CENTER (Continued) **S101624440**

Assembly:	15
Senate:	09
Special Programs Code:	Voluntary Cleanup Program
Status:	Active
Status Date:	11/21/2008
Restricted Use:	YES
Funding:	Responsible Party
Lat/Long:	37.83424 / -122.2875
APN:	049 104107002, 49-1032-13, 49-1032-14, 49-1041-29-1, 49-1041-29-2, 49-1041-61, 49-1041-70-2, 49-1041-71-2
Past Use:	EQUIPMENT/INSTRUMENT REPAIR, TRANSFORMER REPAIR
Potential COC:	30001, 30013, 30018, 30024, 3002502
Confirmed COC:	30001,30024,3002502,30018,30013
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

SWEEPS UST:

Status:	Active
Comp Number:	24876
Number:	1
Board Of Equalization:	Not reported
Referral Date:	08-31-88
Action Date:	08-31-88
Created Date:	02-29-88
Owner Tank Id:	C
SWRCB Tank Id:	01-000-024876-000001
Tank Status:	A
Capacity:	5000
Active Date:	07-01-85
Tank Use:	UNKNOWN
STG:	P
Content:	Not reported
Number Of Tanks:	2
Status:	Active
Comp Number:	24876
Number:	1
Board Of Equalization:	Not reported
Referral Date:	08-31-88

DRAFT

MATERIALS DISTRIBUTION CENTER (Continued) **S101624440**

Action Date:	08-31-88
Created Date:	02-29-88
Owner Tank Id:	D
SWRCB Tank Id:	01-000-024876-000002
Tank Status:	A
Capacity:	5000
Active Date:	07-01-85
Tank Use:	UNKNOWN
STG:	P
Content:	Not reported
Number Of Tanks:	Not reported

CA FID UST:

Facility ID:	01001289
Regulated By:	UTNKA
Regulated ID:	00024876
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	Not reported
Mail To:	Not reported
Mailing Address:	4525 HOLLIS ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	EMERYVILLE 94608
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

DEED:

Envirostor ID:	1490011
Area:	CHIRON/NOVARTIS PROPERTY
Sub Area:	RAMP AREA
Site Type:	VOLUNTARY CLEANUP
Status:	ACTIVE
Agency:	Not reported
Covenant Uploaded:	Not reported
Deed Date(s):	08/26/1998
File Name:	Envirostor Land Use Restrictions

CHMIRS:

OES Incident Number:	13948
OES notification:	Not reported
OES Date:	5/29/1996
OES Time:	08:16:58 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

DRAFT

MATERIALS DISTRIBUTION CENTER (Continued) **S101624440**

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:	PG&G
Containment:	Not reported
What Happened:	Not reported
Type:	CHEMICAL
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1996
Agency:	PG&E
Incident Date:	0400 29MAY96
Admin Agency:	Not reported
Amount:	1-200 GALS
Contained:	NO
Site Type:	OTHER
E Date:	Not reported
Substance:	TRANSFORMER OIL (NON DETECT PCB)
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:	CAUSED BY VANDALISM TO 3 UNITS (TRANSFORMERS)
OES Incident Number:	35
OES notification:	Not reported
OES Date:	1/3/1994
OES Time:	03:02:17 PM

DRAFT

MATERIALS DISTRIBUTION CENTER (Continued) **S101624440**

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:	unknown at this time if ground water involved.
Spill Site:	Not reported
Cleanup By:	directed by alameda co. health dept.
Containment:	Not reported
What Happened:	Not reported
Type:	PETROLEUM
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	1994
Agency:	p.g. &e.
Incident Date:	12/29/93
Admin Agency:	Not reported
Amount:	unknown
Contained:	Not reported
Site Type:	Not reported
E Date:	Not reported
Substance:	crude
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

DRAFT

MATERIALS DISTRIBUTION CENTER (Continued) **S101624440**

Injuries: Not reported
Fatals: Not reported
Comments: Not reported
Description: received results of a soil analysis back on the 29th of dec. that there was soil contamination found while removing an underground storage tank.

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-1799

CERS TANKS:
Site ID: 207686
CERS ID: T0600101667
CERS Description: Leaking Underground Storage Tank Cleanup Site

---

AW217
SW
1/2-1
0.657 mi.
3471 ft.

TKG CALIFORNIA STORAGE
2450 MANDELA PARKWAY
OAKLAND, CA 94607

ENVIROSTOR **S108936104**
VCP **N/A**
DEED

Site 1 of 2 in cluster AW

Relative:
Lower

Actual:
11 ft.

ENVIROSTOR:
Facility ID: 60000712
Status: Certified O&M - Land Use Restrictions Only
Status Date: 05/18/2010
Site Code: 201765
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 0.74
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: 37.81953
Longitude: -122.2886
APN: 007-0578-001-05, 7-578-1-5
Past Use: FUEL - VEHICLE STORAGE/ REFUELING, MACHINE SHOP, METAL FINISHING, TRANSPORTATION - WAREHOUSING
Potential COC: Benzene Lead TPH-diesel TPH-gas TPH-MOTOR OIL Vinyl chloride Acetone Chromium III Naphthalene
Confirmed COC: Naphthalene TPH-diesel TPH-gas Acetone Chromium III TPH-MOTOR OIL Vinyl chloride Benzene Lead
Potential Description: SOIL
Alias Name: 007-0578-001-05
Alias Type: APN
Alias Name: 7-578-1-5

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TKG CALIFORNIA STORAGE (Continued) **S108936104**

Alias Type: APN
Alias Name: 110033619939
Alias Type: EPA (FRS #)
Alias Name: 201765
Alias Type: Project Code (Site Code)
Alias Name: 60000712
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 12/15/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 03/11/2010
Comments: A Land Use Covenant was recorded with the Alameda County Recorder's Office.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/16/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 08/30/2011
Comments: Demand Letter #2

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 08/03/2011
Comments: Demand Letter #1

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/04/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/15/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/14/2016
Comments: An environmental consultant, on behalf of TKG California Storage, LLC, the site owner, performed an annual inspection on January 9,

DRAFT

TKG CALIFORNIA STORAGE (Continued) **S108936104**

2016 and submitted an inspection report as required by Section 4.06 of the Land Use Covenant that was recorded for the Site on March 11, 2010. No major cracks or evidence of intrusive activities were observed in the exterior asphalt and concrete.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/04/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 12/13/2006
Comments: The Phase I Environmental Site Assessment was submitted with the VCA Agreement as a final document. DTSC did not comment on it.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 09/25/2006
Comments: Phase II Site Assessment was submitted as a final with the MOA application.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 12/25/2006
Comments: Additional Soil and Groundwater Investigation Report was submitted as Final with the MOA application.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 04/09/2008
Comments: Workplan approval letter signed April 9, 2008.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 01/05/2010
Comments: The Supplemental Site Characterization and Risk Evaluation Report summarizes the results of all soil, grab groundwater, and sub-slab soil vapor sampling performed on the Site. The Report all includes a risk evaluation that considers potential risk to current workers, future workers, and hypothetical future residents should Site use change. The Report recommended no further action under the current land use with the exception of putting in place a land use covenant that restricts the use of the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 02/26/2009
Comments: The Community Profile was finalized and approved by the DTSC Public Participation Specialist.

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TKG CALIFORNIA STORAGE (Continued) **S108936104**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 05/10/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 05/05/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 03/29/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/23/2012
Comments: An annual land use restriction monitoring inspection was performed and a report was submitted by the property owner as required by paragraph 4.06 of the land use covenant. The observations made during the inspection noted minor cracking in the asphalt and concrete pavement. No intrusive activities have occurred on the property. DTSC approved the annual report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/21/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/16/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/05/2016
Comments: An environmental consultant, on behalf of TKG California Storage, LLC, the site owner, performed an annual inspection on January 9, 2016 and submitted an inspection report as required by Section 4.06 of the Land Use Covenant that was recorded for the Site on March 11, 2010. No major cracks or evidence of intrusive activities were observed in the exterior asphalt and concrete.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 02/23/2017
Comments: Not reported

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TKG CALIFORNIA STORAGE (Continued) **S108936104**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 03/04/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 02/22/2018
Comments: TKG California Storage LLC personnel performed an annual inspection on February 14,2018 to verify compliance with the Land Use Covenant and to determine the condition of the pavement that acts as a cap over contaminated soil. No major cracks or deterioration were observed on the exterior asphalt and concrete. The Site Inspection Record satisfies the requirements of Section 4.06 of the Covenant for this annual reporting period.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Land Use Restriction Monitoring Report
Completed Date: 02/04/2011
Comments: StorageMart, the site owner, completed the annual inspection and submitted the report required by Section 4.06 of the Land Use Covenant that is in place. Only minor cracking of asphalt and concrete pavement and the building slab were observed. No intrusive activities have occurred on the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 11/30/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 05/18/2010
Comments: The Final Supplemental Site Characterization and Risk Evaluation Report summarized the results of site investigations and included a screening level risk evaluation. Based on the risk evaluation, it was concluded there is no significant human health risk with the current Site conditions and use, but there could be a significant risk should the site use change. A Land Use Covenant has been been put in place that restricts the use of the site. No further actions are required for the site except those required by the Land Use Covenant. Annual inspections are to be performed and inspection reports are to be submitted to DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 01/05/2010
Comments: DTSC determined that its approval of the Supplemental Site Characterization and Risk Evaluation Report, with the recommendation to place a land use covenant on the Site, was a Class 30 Categorical Exemption under the California Environmental Quality Act.

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TKG CALIFORNIA STORAGE (Continued) **S108936104**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 01/27/2012
Comments: Demand letter #1

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/04/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 02/27/2012
Comments: Demand letter #2

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2021
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

VCP:
Facility ID: 60000712
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 0.74
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: 201765
Assembly: 18
Senate: 09
Special Programs Code: Not reported
Status: Certified O&M - Land Use Restrictions Only
Status Date: 05/18/2010
Restricted Use: YES
Funding: Responsible Party
Lat/Long: 37.81953 / -122.2886
APN: 007-0578-001-05, 7-578-1-5
Past Use: FUEL - VEHICLE STORAGE/ REFUELING, MACHINE SHOP, METAL FINISHING, TRANSPORTATION - WAREHOUSING
Potential COC: 30003, 30013, 30024, 30025, 3002502, 30028, 30032, 30152, 30484
Confirmed COC: 30484,30024,30025,30032,30152,3002502,30028,30003,30013
Potential Description: SOIL
Alias Name: 007-0578-001-05

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TKG CALIFORNIA STORAGE (Continued) **S108936104**

Alias Type: APN
Alias Name: 7-578-1-5
Alias Type: APN
Alias Name: 110033619939
Alias Type: EPA (FRS #)
Alias Name: 201765
Alias Type: Project Code (Site Code)
Alias Name: 60000712
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 12/15/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 03/11/2010
Comments: A Land Use Covenant was recorded with the Alameda County Recorder's Office.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/16/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 08/30/2011
Comments: Demand Letter #2

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 08/03/2011
Comments: Demand Letter #1

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/04/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/15/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/14/2016

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TKG CALIFORNIA STORAGE (Continued) **S108936104**

Comments: An environmental consultant, on behalf of TKG California Storage, LLC, the site owner, performed an annual inspection on January 9, 2016 and submitted an inspection report as required by Section 4.06 of the Land Use Covenant that was recorded for the Site on March 11, 2010. No major cracks or evidence of intrusive activities were observed in the exterior asphalt and concrete.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/04/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 12/13/2006
Comments: The Phase I Environmental Site Assessment was submitted with the VCA Agreement as a final document. DTSC did not comment on it.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 09/25/2006
Comments: Phase II Site Assessment was submitted as a final with the MOA application.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 12/25/2006
Comments: Additional Soil and Groundwater Investigation Report was submitted as Final with the MOA application.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 04/09/2008
Comments: Workplan approval letter signed April 9, 2008.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 01/05/2010
Comments: The Supplemental Site Characterization and Risk Evaluation Report summarizes the results of all soil, grab groundwater, and sub-slab soil vapor sampling performed on the Site. The Report all includes a risk evaluation that considers potential risk to current workers, future workers, and hypothetical future residents should Site use change. The Report recommended no further action under the current land use with the exception of putting in place a land use covenant that restricts the use of the Site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 02/26/2009

DRAFT

TKG CALIFORNIA STORAGE (Continued) **S108936104**

Comments: The Community Profile was finalized and approved by the DTSC Public Participation Specialist.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 05/10/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 05/05/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 03/29/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/23/2012
Comments: An annual land use restriction monitoring inspection was performed and a report was submitted by the property owner as required by paragraph 4.06 of the land use covenant. The observations made during the inspection noted minor cracking in the asphalt and concrete pavement. No intrusive activities have occurred on the property. DTSC approved the annual report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/21/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/16/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/05/2016
Comments: An environmental consultant, on behalf of TKG California Storage, LLC, the site owner, performed an annual inspection on January 9, 2016 and submitted an inspection report as required by Section 4.06 of the Land Use Covenant that was recorded for the Site on March 11, 2010. No major cracks or evidence of intrusive activities were observed in the exterior asphalt and concrete.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

DRAFT

TKG CALIFORNIA STORAGE (Continued) **S108936104**

Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 02/23/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 03/04/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 02/22/2018
Comments: TKG California Storage LLC personnel performed an annual inspection on February 14,2018 to verify compliance with the Land Use Covenant and to determine the condition of the pavement that acts as a cap over contaminated soil. No major cracks or deterioration were observed on the exterior asphalt and concrete. The Site Inspection Record satisfies the requirements of Section 4.06 of the Covenant for this annual reporting period.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Land Use Restriction Monitoring Report
Completed Date: 02/04/2011
Comments: StorageMart, the site owner, completed the annual inspection and submitted the report required by Section 4.06 of the Land Use Covenant that is in place. Only minor cracking of asphalt and concrete pavement and the building slab were observed. No intrusive activities have occurred on the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 11/30/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 05/18/2010
Comments: The Final Supplemental Site Characterization and Risk Evaluation Report summarized the results of site investigations and included a screening level risk evaluation. Based on the risk evaluation, it was concluded there is no significant human health risk with the current Site conditions and use, but there could be a significant risk should the site use change. A Land Use Covenant has been been put in place that restricts the use of the site. No further actions are required for the site except those required by the Land Use Covenant. Annual inspections are to be performed and inspection reports are to be submitted to DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 01/05/2010

DRAFT

TKG CALIFORNIA STORAGE (Continued) **S108936104**

Comments: DTSC determined that its approval of the Supplemental Site Characterization and Risk Evaluation Report, with the recommendation to place a land use covenant on the Site, was a Class 30 Categorical Exemption under the California Environmental Quality Act.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 01/27/2012
Comments: Demand letter #1

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/04/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 02/27/2012
Comments: Demand letter #2

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2021
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

DEED:
Envirostor ID: 60000712
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): 03/11/2010
File Name: Envirostor Land Use Restrictions

AW218 **KANTOR WAREHOUSE** **LUST** **U000057305**
SW **2525 MANDELA** **Alameda County CS** **N/A**
1/2-1 **OAKLAND, CA 94607** **HIST CORTESE**
0.658 mi. **Notify 65**
3475 ft. **Site 2 of 2 in cluster AW** **CERS**

Relative:
Lower

Actual:
11 ft.

LUST:
Lead Agency: ALAMEDA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100783
Global Id: T0600100783
Latitude: 37.820296
Longitude: -122.288373

DRAFT

KANTOR WAREHOUSE (Continued) **U000057305**

Status: Completed - Case Closed
Status Date: 03/18/1996
Case Worker: Not reported
RB Case Number: 01-0849
Local Agency: Not reported
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: RO0000623
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:
Global Id: T0600100783
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: T0600100783
Action Type: Other
Date: 07/10/1989
Action: Leak Reported

Global Id: T0600100783
Action Type: REMEDIATION
Date: 09/09/9999
Action: Excavation

LUST:
Global Id: T0600100783
Status: Open - Case Begin Date
Status Date: 06/30/1989

Global Id: T0600100783
Status: Completed - Case Closed
Status Date: 03/18/1996

LUST REG 2:
Region: 2
Facility Id: 01-0849
Facility Status: Case Closed
Case Number: 3694
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
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

DRAFT

KANTOR WAREHOUSE (Continued) **U000057305**

Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:
Status: Case Closed
Record Id: RO0000623
PE: 5602
Facility Status: Case Closed
Latitude: 37.819755016
Longitude: -122.28952895

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-0849

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: 193066
CERS ID: T0600100783
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

219
WNW
1/2-1
0.671 mi.
3544 ft.

UPRR PARCEL D
NORTH OF SHERWIN AVENUE AND HALLECK STREET
EMERYVILLE, CA 94608

ENVIROSTOR **S109034339**
VCP **N/A**

Relative:
Lower

Actual:
12 ft.

ENVIROSTOR:
Facility ID: 60000833
Status: Refer: Other Agency
Status Date: 12/28/2007
Site Code: 201773
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup

DRAFT

UPRR PARCEL D (Continued) **S109034339**

Acres:	2
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Barbara Cook
Division Branch:	Cleanup Berkeley
Assembly:	15
Senate:	09
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	37.83166
Longitude:	-122.2902
APN:	049 104102616
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	049 104102616
Alias Type:	APN
Alias Name:	201773
Alias Type:	Project Code (Site Code)
Alias Name:	60000833
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Workplan
Completed Date:	04/08/2008
Comments:	Under its MOA with DTSC and the Water Board, the City of Emeryville approved the Final Site Cleanup Plan for the Site. DTSC provided comments on the draft Site Cleanup Plan that were addressed in the final Plan.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	*Correspondence - Received
Completed Date:	05/02/2008
Comments:	City of Emeryville sent out a Construction Notice alerting neighbors of the start of work on 5/5/2008. Work hours are 7 a.m. to 6 p.m. weekdays.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	05/08/2008
Comments:	Document submitted to City of Emeryville for approval. DTSC has uploaded it onto our website to make it available to interested parties.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	*Correspondence - Received
Completed Date:	05/16/2008
Comments:	City of Emeryville issues a remediation advisory for the UPRR Parcel

DRAFT

UPRR PARCEL D (Continued) **S109034339**

D Site updating the community regarding revisions to the trucking routes contained in the Final Site Cleanup Plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 06/08/2017
Comments: Pursuant to its MOA with the City of Emeryville, DTSC concurred with the City's Conditional No Further Action Determination for this site. Because petroleum and other chemicals remain onsite above remedial goals, the City will ensure than an environmental restriction is placed on the Site to notify future owners/developers about the contamination.

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: 60000833
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 2
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Barbara Cook
Division Branch: Cleanup Berkeley
Site Code: 201773
Assembly: 15
Senate: 09
Special Programs Code: Not reported
Status: Refer: Other Agency
Status Date: 12/28/2007
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 37.83166 / -122.2902
APN: 049 104102616
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 049 104102616
Alias Type: APN
Alias Name: 201773
Alias Type: Project Code (Site Code)
Alias Name: 60000833
Alias Type: Envirostor ID Number

DRAFT

UPRR PARCEL D (Continued) **S109034339**

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Workplan
Completed Date:	04/08/2008
Comments:	Under its MOA with DTSC and the Water Board, the City of Emeryville approved the Final Site Cleanup Plan for the Site. DTSC provided comments on the draft Site Cleanup Plan that were addressed in the final Plan.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	*Correspondence - Received
Completed Date:	05/02/2008
Comments:	City of Emeryville sent out a Construction Notice alerting neighbors of the start of work on 5/5/2008. Work hours are 7 a.m. to 6 p.m. weekdays.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	05/08/2008
Comments:	Document submitted to City of Emeryville for approval. DTSC has uploaded it onto our website to make it available to interested parties.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	*Correspondence - Received
Completed Date:	05/16/2008
Comments:	City of Emeryville issues a remediation advisory for the UPRR Parcel D Site updating the community regarding revisions to the trucking routes contained in the Final Site Cleanup Plan.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Remedial Action Completion Report
Completed Date:	06/08/2017
Comments:	Pursuant to its MOA with the City of Emeryville, DTSC concurred with the City's Conditional No Further Action Determination for this site. Because petroleum and other chemicals remain onsite above remedial goals, the City will ensure than an environmental restriction is placed on the Site to notify future owners/developers about the contamination.

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

DRAFT

220 **WNW** **1/2-1** **0.671 mi.** **3545 ft.** **Relative:** **Lower** **Actual:** **11 ft.**	**TECHNICHEM INCORPORATED** **4245 HALLECK ST** **EMERYVILLE, CA 94608**	**CORRACTS** **RCRA-LQG** **ENVIROSTOR** **US FIN ASSUR** **FINDS** **ECHO** **EMI** **Financial Assurance** **HAZNET** **ICE** **HWP** **CERS**	**1000243113** **CAD981375983**

CORRACTS:

EPA ID: CAD981375983
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20170804
Action: CA260 - CMS Workplan Received
NAICS Code(s): 32311
Printing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD981375983
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20131104
Action: CA100 - RFI Imposition
NAICS Code(s): 32311
Printing
Original schedule date: 20131204
Schedule end date: Not reported

EPA ID: CAD981375983
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20131104
Action: CA100 - RFI Imposition
NAICS Code(s): 32311
Printing
Original schedule date: 20131204
Schedule end date: Not reported

EPA ID: CAD981375983
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20170505
Action: CA200 - RFI Approved
NAICS Code(s): 32311
Printing
Original schedule date: 20170525
Schedule end date: Not reported

EPA ID: CAD981375983
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20111206

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TECHNICHEM INCORPORATED (Continued) **1000243113**

Action: CA100 - RFI Imposition
NAICS Code(s): 32311
Printing
Original schedule date: 20120105
Schedule end date: Not reported

EPA ID: CAD981375983
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20160706
Action: CA160 - RFI Supplemental Information Received
NAICS Code(s): 32311
Printing
Original schedule date: 20160615
Schedule end date: Not reported

EPA ID: CAD981375983
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20160906
Action: CA380 - Date For Public Notice On Proposed Remedy
NAICS Code(s): 32311
Printing
Original schedule date: 20160911
Schedule end date: Not reported

EPA ID: CAD981375983
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20100708
Action: CA200 - RFI Approved
NAICS Code(s): 32311
Printing
Original schedule date: 20100623
Schedule end date: Not reported

EPA ID: CAD981375983
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20100608
Action: CA190 - RFI Report Received
NAICS Code(s): 32311
Printing
Original schedule date: 20100708
Schedule end date: Not reported

EPA ID: CAD981375983
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20170909
Action: CA180 - RFI Supplemental Implementation Begun
NAICS Code(s): 32311
Printing
Original schedule date: 20170824
Schedule end date: Not reported

EPA ID: CAD981375983

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TECHNICHEM INCORPORATED (Continued) **1000243113**

EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20121114
Action: CA100 - RFI Imposition
NAICS Code(s): 32311
Printing
Original schedule date: 20121214
Schedule end date: Not reported

EPA ID: CAD981375983
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20160715
Action: CA170 - RFI Supplemental Information Deemed Satisfactory
NAICS Code(s): 32311
Printing
Original schedule date: 20160729
Schedule end date: Not reported

EPA ID: CAD981375983
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20070417
Action: CA200 - RFI Approved
NAICS Code(s): 32311
Printing
Original schedule date: 20070213
Schedule end date: Not reported

EPA ID: CAD981375983
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20130117
Action: CA100 - RFI Imposition
NAICS Code(s): 32311
Printing
Original schedule date: 20130216
Schedule end date: Not reported

EPA ID: CAD981375983
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20150719
Action: CA180 - RFI Supplemental Implementation Begun
NAICS Code(s): 32311
Printing
Original schedule date: 20150818
Schedule end date: Not reported

EPA ID: CAD981375983
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20060619
Action: CA200 - RFI Approved
NAICS Code(s): 32311
Printing
Original schedule date: Not reported

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TECHNICHEM INCORPORATED (Continued) **1000243113**

Schedule end date: Not reported

EPA ID: CAD981375983
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20071220
Action: CA029
NAICS Code(s): 32311
Printing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD981375983
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20130320
Action: CA180 - RFI Supplemental Implementation Begun
NAICS Code(s): 32311
Printing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD981375983
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20160822
Action: CA190 - RFI Report Received
NAICS Code(s): 32311
Printing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD981375983
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20151222
Action: CA380 - Date For Public Notice On Proposed Remedy
NAICS Code(s): 32311
Printing
Original schedule date: 20151227
Schedule end date: Not reported

EPA ID: CAD981375983
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20151222
Action: CA380 - Date For Public Notice On Proposed Remedy
NAICS Code(s): 32311
Printing
Original schedule date: 20151226
Schedule end date: Not reported

EPA ID: CAD981375983
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20130122
Action: CA100 - RFI Imposition

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TECHNICHEM INCORPORATED (Continued) **1000243113**

NAICS Code(s): 32311
Printing
Original schedule date: 20130221
Schedule end date: Not reported

EPA ID: CAD981375983
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20160922
Action: CA380 - Date For Public Notice On Proposed Remedy
NAICS Code(s): 32311
Printing
Original schedule date: 20160927
Schedule end date: Not reported

EPA ID: CAD981375983
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20170823
Action: CA270 - CMS Workplan Modification Requested By Agency
NAICS Code(s): 32311
Printing
Original schedule date: 20170903
Schedule end date: Not reported

EPA ID: CAD981375983
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20160825
Action: CA380 - Date For Public Notice On Proposed Remedy
NAICS Code(s): 32311
Printing
Original schedule date: 20160830
Schedule end date: Not reported

EPA ID: CAD981375983
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20160825
Action: CA380 - Date For Public Notice On Proposed Remedy
NAICS Code(s): 32311
Printing
Original schedule date: 20160830
Schedule end date: Not reported

EPA ID: CAD981375983
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 20100429
Action: CA180 - RFI Supplemental Implementation Begun
NAICS Code(s): 32311
Printing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD981375983
EPA Region: 9

DRAFT

TECHNICHEM INCORPORATED (Continued) **1000243113**

Area Name: ENTIRE FACILITY
Actual Date: 20180130
Action: CA300 - CMS Workplan Approved
NAICS Code(s): 32311
Printing
Original schedule date: 20180201
Schedule end date: Not reported

EPA ID: CAD981375983
EPA Region: 9
Area Name: ENTIRE FACILITY
Actual Date: 19930630
Action: CA050 - RFA Completed
NAICS Code(s): 32311
Printing
Original schedule date: Not reported
Schedule end date: Not reported

RCRA-LQG:
Date form received by agency: 08/09/2010
Facility name: TECHNICHEM INC
Facility address: 4245 HALLECK ST
EMERYVILLE, CA 94608
EPA ID: CAD981375983
Mailing address: 700 HEINZ AVE
BERKELEY, CA 94710
Contact: JUANITA BACAY
Contact address: 700 HEINZ AVE
BERKELEY, CA 94710
Contact country: US
Contact telephone: 510-540-2480
Contact email: JBACEY@DTSC.CA.GOV
EPA Region: 09
Land type: Private
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous 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: 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

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TECHNICHEM INCORPORATED (Continued) **1000243113**

Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: DTSC
Owner/operator address: Not reported
CA
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: State
Owner/Operator Type: Operator
Owner/Op start date: 06/04/2008
Owner/Op end date: Not reported

Owner/operator name: VIRGINIA E PELLEGRINI TRUSTEE MARIO
Owner/operator address: 900 LARKSPUR LANDING CIRCLE STE 179
LARKSPUR, CA 94939
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: 06/01/1978
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: 211
. Waste name: Halogenated solvents (chloroform, methyl chloride, perchloroethylene, etc.)

. 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,

DRAFT

TECHNICHEM INCORPORATED (Continued) **1000243113**

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.

Historical Generators:

Date form received by agency: 04/15/1999
Site name: TECHNICHEM INC
Classification: Large Quantity Generator

Date form received by agency: 09/01/1996
Site name: TECHNICHEM, INC
Classification: Small Quantity Generator

Date form received by agency: 09/01/1996
Site name: TECHNICHEM, INC
Classification: Large Quantity Generator

Date form received by agency: 03/27/1994
Site name: TECHNICHEM INC.
Classification: Large Quantity Generator

Date form received by agency: 02/21/1992
Site name: TECHNICHEM INC
Classification: Small Quantity Generator

Date form received by agency: 04/13/1990
Site name: TECHNICHEM INC
Classification: Small Quantity Generator

Date form received by agency: 02/18/1986
Site name: TECHNICHEM, INC
Classification: Large Quantity Generator

Corrective Action Summary:

Event date: 06/30/1993
Event: RFA COMPLETED

Event date: 06/19/2006
Event: INVESTIGATION COMPLETE

Event date: 04/17/2007
Event: INVESTIGATION COMPLETE

Event date: 12/20/2007
Event: LEAD AGENCY DETERMINATION

Event date: 04/29/2010
Event: INVESTIGATION IMPLEMENTATION BEGUN

Event date: 06/08/2010
Event: INVESTIGATION REPORT RECEIVED

Event date: 07/08/2010

DRAFT

TECHNICHEM INCORPORATED (Continued) **1000243113**

Event: INVESTIGATION COMPLETE

Event date: 12/06/2011
Event: INVESTIGATION IMPOSITION

Event date: 11/14/2012
Event: INVESTIGATION IMPOSITION

Event date: 01/17/2013
Event: INVESTIGATION IMPOSITION

Event date: 01/22/2013
Event: INVESTIGATION IMPOSITION

Event date: 03/20/2013
Event: INVESTIGATION IMPLEMENTATION BEGUN

Event date: 11/04/2013
Event: INVESTIGATION IMPOSITION

Event date: 11/04/2013
Event: INVESTIGATION IMPOSITION

Event date: 07/19/2015
Event: INVESTIGATION IMPLEMENTATION BEGUN

Event date: 12/22/2015
Event: DATE FOR PUBLIC NOTICE ON PROPOSED REMEDY

Event date: 12/22/2015
Event: DATE FOR PUBLIC NOTICE ON PROPOSED REMEDY

Event date: 07/06/2016
Event: INVESTIGATION SUPPLEMENTAL INFORMATION RECEIVED

Event date: 07/15/2016
Event: INVESTIGATION SUPPLEMENTAL INFO DEEMED SATISFACT

Event date: 08/22/2016
Event: INVESTIGATION REPORT RECEIVED

Event date: 08/25/2016
Event: DATE FOR PUBLIC NOTICE ON PROPOSED REMEDY

Event date: 08/25/2016
Event: DATE FOR PUBLIC NOTICE ON PROPOSED REMEDY

Event date: 09/06/2016
Event: DATE FOR PUBLIC NOTICE ON PROPOSED REMEDY

Event date: 09/22/2016
Event: DATE FOR PUBLIC NOTICE ON PROPOSED REMEDY

Event date: 05/05/2017
Event: INVESTIGATION COMPLETE

Event date: 08/04/2017

DRAFT

TECHNICHEM INCORPORATED (Continued) **1000243113**

Event: CMS WORKPLAN RECEIVED

Event date: 08/23/2017
Event: CMS WORKPLAN MODIFICATION REQ BY AGENCY

Event date: 09/09/2017
Event: INVESTIGATION IMPLEMENTATION BEGUN

Event date: 01/30/2018
Event: CMS WORKPLAN APPROVED

Facility Has Received Notices of Violations:
Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 01/16/2004
Date achieved compliance: 08/11/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/20/2004
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: 01/16/2004
Date achieved compliance: 08/11/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/20/2004
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: 06/12/2002
Date achieved compliance: 01/01/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/14/2002
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 - Container Use and Management
Date violation determined: 06/12/2002

DRAFT

TECHNICHEM INCORPORATED (Continued) **1000243113**

Date achieved compliance: 01/01/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/14/2002
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 - Container Use and Management
Date violation determined: 06/12/2002
Date achieved compliance: 01/01/2004
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 12/17/2003
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: Transporters - General
Date violation determined: 06/12/2002
Date achieved compliance: 01/01/2004
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 12/17/2003
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 - Preparedness and Prevention
Date violation determined: 06/12/2002
Date achieved compliance: 01/01/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/14/2002
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 - Preparedness and Prevention
Date violation determined: 06/12/2002
Date achieved compliance: 01/01/2004

DRAFT

TECHNICHEM INCORPORATED (Continued) **1000243113**

Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 12/17/2003
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: Generators - Manifest
Date violation determined: 10/27/2000
Date achieved compliance: 01/01/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/27/2000
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 - General Facility Standards
Date violation determined: 10/27/2000
Date achieved compliance: 01/01/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/27/2000
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 - General Facility Standards
Date violation determined: 10/27/2000
Date achieved compliance: 01/01/2004
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 12/17/2003
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: Generators - Manifest
Date violation determined: 10/27/2000
Date achieved compliance: 01/01/2004
Violation lead agency: State

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TECHNICHEM INCORPORATED (Continued) **1000243113**

Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 12/17/2003
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 - Manifest/Records/Reporting
Date violation determined: 09/29/1999
Date achieved compliance: 01/01/2004
Violation lead agency: State
Enforcement action: INJUNCTIVE RELIEF
Enforcement action date: 06/28/2000
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: Transporters - Manifest and Recordkeeping
Date violation determined: 09/29/1999
Date achieved compliance: 01/01/2004
Violation lead agency: State
Enforcement action: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 06/02/2000
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: Transporters - General
Date violation determined: 09/29/1999
Date achieved compliance: 01/01/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/27/1999
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: 09/29/1999
Date achieved compliance: 01/01/2004
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY

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TECHNICHEM INCORPORATED (Continued) **1000243113**

Enforcement action date: 12/17/2003
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: Transporters - General
Date violation determined: 09/29/1999
Date achieved compliance: 01/01/2004
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 12/17/2003
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: Transporters - General
Date violation determined: 09/29/1999
Date achieved compliance: 01/01/2004
Violation lead agency: State
Enforcement action: INJUNCTIVE RELIEF
Enforcement action date: 06/28/2000
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 - General Facility Standards
Date violation determined: 09/29/1999
Date achieved compliance: 01/01/2004
Violation lead agency: State
Enforcement action: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 06/02/2000
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: Transporters - Manifest and Recordkeeping
Date violation determined: 09/29/1999
Date achieved compliance: 01/01/2004
Violation lead agency: State
Enforcement action: INJUNCTIVE RELIEF
Enforcement action date: 06/28/2000

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TECHNICHEM INCORPORATED (Continued) **1000243113**

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: 09/29/1999
Date achieved compliance: 01/01/2004
Violation lead agency: State
Enforcement action: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 06/02/2000
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 - General Facility Standards
Date violation determined: 09/29/1999
Date achieved compliance: 01/01/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/27/1999
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: 09/29/1999
Date achieved compliance: 01/01/2004
Violation lead agency: State
Enforcement action: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 06/02/2000
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 - General Facility Standards
Date violation determined: 09/29/1999
Date achieved compliance: 01/01/2004
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 12/17/2003
Enf. disposition status: Not reported

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TECHNICHEM INCORPORATED (Continued) **1000243113**

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: 09/29/1999
Date achieved compliance: 01/01/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/27/1999
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: 09/29/1999
Date achieved compliance: 01/01/2004
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 12/17/2003
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: Transporters - Manifest and Recordkeeping
Date violation determined: 09/29/1999
Date achieved compliance: 01/01/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 10/27/1999
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: 09/29/1999
Date achieved compliance: 01/01/2004
Violation lead agency: State
Enforcement action: INJUNCTIVE RELIEF
Enforcement action date: 06/28/2000
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

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TECHNICHEM INCORPORATED (Continued) **1000243113**

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: 08/20/1999
Date achieved compliance: 01/01/2004
Violation lead agency: State
Enforcement action: INJUNCTIVE RELIEF
Enforcement action date: 06/28/2000
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 - General Facility Standards
Date violation determined: 08/20/1999
Date achieved compliance: 01/01/2004
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 09/29/1999
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: 08/20/1999
Date achieved compliance: 01/01/2004
Violation lead agency: State
Enforcement action: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 06/02/2000
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 - General Facility Standards
Date violation determined: 08/20/1999
Date achieved compliance: 01/01/2004
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 12/17/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

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TECHNICHEM INCORPORATED (Continued) **1000243113**

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: 11/20/1997
Date achieved compliance: 06/28/2000
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 12/17/2003
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: 11/20/1997
Date achieved compliance: 06/28/2000
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 12/17/2003
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: Transporters - Manifest and Recordkeeping
Date violation determined: 11/20/1997
Date achieved compliance: 06/28/2000
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 12/17/2003
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: Generators - General
Date violation determined: 11/20/1997
Date achieved compliance: 06/28/2000
Violation lead agency: State
Enforcement action: REFERRAL TO ATTORNEY GENERAL
Enforcement action date: 06/24/1998
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported

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TECHNICHEM INCORPORATED (Continued) **1000243113**

Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 11/20/1997
Date achieved compliance: 06/28/2000
Violation lead agency: State
Enforcement action: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 06/02/2000
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: Generators - General
Date violation determined: 11/20/1997
Date achieved compliance: 06/28/2000
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/13/1998
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: Not reported
Area of violation: Transporters - Manifest and Recordkeeping
Date violation determined: 11/20/1997
Date achieved compliance: 06/28/2000
Violation lead agency: State
Enforcement action: REFERRAL TO ATTORNEY GENERAL
Enforcement action date: 06/24/1998
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: Not reported
Area of violation: TSD - Container Use and Management
Date violation determined: 11/20/1997
Date achieved compliance: 06/28/2000
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/13/1998
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

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TECHNICHEM INCORPORATED (Continued) **1000243113**

Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Permits - Application
Date violation determined: 11/20/1997
Date achieved compliance: 06/28/2000
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 12/17/2003
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: 11/20/1997
Date achieved compliance: 06/28/2000
Violation lead agency: State
Enforcement action: REFERRAL TO ATTORNEY GENERAL
Enforcement action date: 06/24/1998
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: Not reported
Area of violation: Transporters - Manifest and Recordkeeping
Date violation determined: 11/20/1997
Date achieved compliance: 06/28/2000
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/13/1998
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: Not reported
Area of violation: Permits - Application
Date violation determined: 11/20/1997
Date achieved compliance: 06/28/2000
Violation lead agency: State
Enforcement action: REFERRAL TO ATTORNEY GENERAL
Enforcement action date: 06/24/1998
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

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TECHNICHEM INCORPORATED (Continued) **1000243113**

Regulation violated: Not reported
Area of violation: Permits - Application
Date violation determined: 11/20/1997
Date achieved compliance: 06/28/2000
Violation lead agency: State
Enforcement action: INJUNCTIVE RELIEF
Enforcement action date: 06/28/2000
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 - General Facility Standards
Date violation determined: 11/20/1997
Date achieved compliance: 06/28/2000
Violation lead agency: State
Enforcement action: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 06/02/2000
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 - General Facility Standards
Date violation determined: 11/20/1997
Date achieved compliance: 06/28/2000
Violation lead agency: State
Enforcement action: INJUNCTIVE RELIEF
Enforcement action date: 06/28/2000
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 - Container Use and Management
Date violation determined: 11/20/1997
Date achieved compliance: 06/28/2000
Violation lead agency: State
Enforcement action: REFERRAL TO ATTORNEY GENERAL
Enforcement action date: 06/24/1998
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: Not reported

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TECHNICHEM INCORPORATED (Continued) **1000243113**

Area of violation: Generators - General
Date violation determined: 11/20/1997
Date achieved compliance: 06/28/2000
Violation lead agency: State
Enforcement action: FINAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 12/17/2003
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: 11/20/1997
Date achieved compliance: 06/28/2000
Violation lead agency: State
Enforcement action: INJUNCTIVE RELIEF
Enforcement action date: 06/28/2000
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: Generators - General
Date violation determined: 11/20/1997
Date achieved compliance: 06/28/2000
Violation lead agency: State
Enforcement action: INJUNCTIVE RELIEF
Enforcement action date: 06/28/2000
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: Transporters - Manifest and Recordkeeping
Date violation determined: 11/20/1997
Date achieved compliance: 06/28/2000
Violation lead agency: State
Enforcement action: INJUNCTIVE RELIEF
Enforcement action date: 06/28/2000
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: Transporters - Manifest and Recordkeeping

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TECHNICHEM INCORPORATED (Continued) **1000243113**

Date violation determined: 11/20/1997
Date achieved compliance: 06/28/2000
Violation lead agency: State
Enforcement action: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 06/02/2000
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 - Container Use and Management
Date violation determined: 11/20/1997
Date achieved compliance: 06/28/2000
Violation lead agency: State
Enforcement action: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 06/02/2000
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: Permits - Application
Date violation determined: 11/20/1997
Date achieved compliance: 06/28/2000
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/13/1998
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: Not reported
Area of violation: Permits - Application
Date violation determined: 11/20/1997
Date achieved compliance: 06/28/2000
Violation lead agency: State
Enforcement action: INITIAL CIVIL JUDICIAL ACTION FOR COMPLIANCE AND/OR MONETARY PENALTY
Enforcement action date: 06/02/2000
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 - General Facility Standards
Date violation determined: 11/20/1997

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TECHNICHEM INCORPORATED (Continued) **1000243113**

Date achieved compliance: 06/28/2000
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/13/1998
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 - 264.30-37.C
Area of violation: TSD - General
Date violation determined: 02/09/1995
Date achieved compliance: 03/06/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/09/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.170-177.I
Area of violation: TSD - General
Date violation determined: 02/09/1995
Date achieved compliance: 03/06/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/09/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.50-60
Area of violation: Generators - General
Date violation determined: 02/09/1995
Date achieved compliance: 03/06/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/09/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 270
Area of violation: TSD - General
Date violation determined: 02/09/1995
Date achieved compliance: 03/06/1995

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TECHNICHEM INCORPORATED (Continued) **1000243113**

Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/09/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 264.10-18.B
Area of violation: TSD - General
Date violation determined: 02/09/1995
Date achieved compliance: 07/20/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 02/09/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: FR - 262.10-12.A
Area of violation: Generators - General
Date violation determined: 03/24/1994
Date achieved compliance: 02/08/1995
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: 03/24/1994
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 - 268.7
Area of violation: LDR - General
Date violation determined: 06/08/1993
Date achieved compliance: 02/09/1995
Violation lead agency: State

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TECHNICHEM INCORPORATED (Continued) **1000243113**

Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/08/1993
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 - 262.20-23.B
Area of violation: Generators - General
Date violation determined: 06/08/1993
Date achieved compliance: 02/09/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/08/1993
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 - 270
Area of violation: TSD - General
Date violation determined: 05/25/1993
Date achieved compliance: 02/09/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/25/1993
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 - 263
Area of violation: Transporters - General
Date violation determined: 11/19/1992
Date achieved compliance: 02/09/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/01/1993
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 - 270
Area of violation: TSD - General
Date violation determined: 11/19/1992
Date achieved compliance: 02/09/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL

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TECHNICHEM INCORPORATED (Continued) **1000243113**

Enforcement action date: 03/01/1993
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 - 264.70-77.E
Area of violation: TSD - General
Date violation determined: 11/19/1992
Date achieved compliance: 02/09/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/01/1993
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 - 264.140-150.H
Area of violation: TSD - Financial Requirements
Date violation determined: 11/19/1992
Date achieved compliance: 02/09/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/01/1993
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 - 268.7
Area of violation: LDR - General
Date violation determined: 11/19/1992
Date achieved compliance: 02/09/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/01/1993
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: 03/11/1991
Date achieved compliance: 05/28/1992
Violation lead agency: State
Enforcement action: Not reported
Enforcement action date: Not reported

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TECHNICHEM INCORPORATED (Continued) **1000243113**

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: 02/27/1991
Date achieved compliance: 03/11/1991
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: 02/18/1991
Date achieved compliance: 02/27/1991
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

Evaluation Action Summary:
Evaluation date: 08/11/2008
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/16/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Transporters - General
Date achieved compliance: 08/11/2008
Evaluation lead agency: State

Evaluation date: 01/16/2004
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/16/2004
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General

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TECHNICHEM INCORPORATED (Continued) **1000243113**

Date achieved compliance: 08/11/2008
Evaluation lead agency: State

Evaluation date: 01/01/2004
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/12/2002
Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - Container Use and Management
Date achieved compliance: 01/01/2004
Evaluation lead agency: State

Evaluation date: 06/12/2002
Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - Preparedness and Prevention
Date achieved compliance: 01/01/2004
Evaluation lead agency: State

Evaluation date: 06/12/2002
Evaluation: FOLLOW-UP INSPECTION
Area of violation: Transporters - General
Date achieved compliance: 01/01/2004
Evaluation lead agency: State

Evaluation date: 10/31/2001
Evaluation: FOLLOW-UP INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/31/2001
Evaluation: FOLLOW-UP INSPECTION
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 10/27/2000
Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - General Facility Standards
Date achieved compliance: 01/01/2004
Evaluation lead agency: State

Evaluation date: 10/27/2000
Evaluation: FOLLOW-UP INSPECTION
Area of violation: Generators - Manifest
Date achieved compliance: 01/01/2004
Evaluation lead agency: State

Evaluation date: 09/29/1999
Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - Manifest/Records/Reporting
Date achieved compliance: 01/01/2004
Evaluation lead agency: State

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TECHNICHEM INCORPORATED (Continued) **1000243113**

Evaluation date: 09/29/1999
Evaluation: FOLLOW-UP INSPECTION
Area of violation: Transporters - General
Date achieved compliance: 01/01/2004
Evaluation lead agency: State

Evaluation date: 09/29/1999
Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - General Facility Standards
Date achieved compliance: 01/01/2004
Evaluation lead agency: State

Evaluation date: 09/29/1999
Evaluation: FOLLOW-UP INSPECTION
Area of violation: Transporters - Manifest and Recordkeeping
Date achieved compliance: 01/01/2004
Evaluation lead agency: State

Evaluation date: 08/20/1999
Evaluation: FOLLOW-UP INSPECTION
Area of violation: TSD - General Facility Standards
Date achieved compliance: 01/01/2004
Evaluation lead agency: State

Evaluation date: 11/20/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/28/2000
Evaluation lead agency: State

Evaluation date: 11/20/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Container Use and Management
Date achieved compliance: 06/28/2000
Evaluation lead agency: State

Evaluation date: 11/20/1997
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 11/20/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General Facility Standards
Date achieved compliance: 06/28/2000
Evaluation lead agency: State

Evaluation date: 11/20/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Permits - Application
Date achieved compliance: 06/28/2000
Evaluation lead agency: State

Evaluation date: 11/20/1997
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Transporters - Manifest and Recordkeeping

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TECHNICHEM INCORPORATED (Continued) **1000243113**

Date achieved compliance: 06/28/2000
Evaluation lead agency: State

Evaluation date: 02/16/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 02/08/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 07/20/1995
Evaluation lead agency: State

Evaluation date: 02/08/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 03/06/1995
Evaluation lead agency: State

Evaluation date: 02/08/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/06/1995
Evaluation lead agency: State

Evaluation date: 03/24/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 02/08/1995
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: 03/24/1994
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 09/08/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 02/09/1995
Evaluation lead agency: State

Evaluation date: 05/28/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 02/09/1995
Evaluation lead agency: State

Evaluation date: 05/28/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Transporters - General
Date achieved compliance: 02/09/1995
Evaluation lead agency: State

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TECHNICHEM INCORPORATED (Continued) **1000243113**

Evaluation date: 05/28/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: LDR - General
Date achieved compliance: 02/09/1995
Evaluation lead agency: State

Evaluation date: 05/28/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 02/09/1995
Evaluation lead agency: State

Evaluation date: 05/28/1992
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - Financial Requirements
Date achieved compliance: 02/09/1995
Evaluation lead agency: State

Evaluation date: 03/11/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 05/28/1992
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 02/27/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 03/11/1991
Evaluation lead agency: State Contractor/Grantee

Evaluation date: 02/18/1991
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 02/27/1991
Evaluation lead agency: State Contractor/Grantee

ENVIROSTOR:
Facility ID: 80001769
Status: Active
Status Date: 01/01/2008
Site Code: 202086
Site Type: Corrective Action
Site Type Detailed: Corrective Action
Acres: 0.35
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Janet Naito
Supervisor: Janet Naito
Division Branch: Cleanup Berkeley
Assembly: 15
Senate: 09
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.83112
Longitude: -122.2905

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TECHNICHEM INCORPORATED (Continued) **1000243113**

APN: 009-0695-006-00, 049 103600200
Past Use: HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS, HAZARDOUS WASTE TREATMENT, WASTE - INDUSTRIAL TREATMENT FACILITY
Potential COC: Tetrachloroethylene (PCE Trichloroethylene (TCE Vinyl chloride
Confirmed COC: Tetrachloroethylene (PCE Trichloroethylene (TCE Vinyl chloride
Potential Description: IA, OTH, SOIL, SV
Alias Name: 009-0695-006-00
Alias Type: APN
Alias Name: 049 103600200
Alias Type: APN
Alias Name: CAD981375983
Alias Type: EPA Identification Number
Alias Name: 110000783493
Alias Type: EPA (FRS #)
Alias Name: 200314
Alias Type: Project Code (Site Code)
Alias Name: 202086
Alias Type: Project Code (Site Code)
Alias Name: 60000956
Alias Type: Envirostor ID Number
Alias Name: 80001769
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Judicial Order
Completed Date: 01/22/2015
Comments: Motions for Summary Judgement against Pellegrini, Ng & Technichem and assorted supporting declarations.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 05/24/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 10/14/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 11/18/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Design - Preliminary/Intermediate
Completed Date: 02/15/2012
Comments: Soil area to be excavated and engineering approach to do so is described in this report. Contractor will submit engineering workplan, then excavation will occur.

Completed Area Name: PROJECT WIDE

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TECHNICHEM INCORPORATED (Continued) **1000243113**

Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 05/11/2012
Comments: Excavation of contaminated soil completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 07/11/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 03/23/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 09/12/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Report
Completed Date: 07/08/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Report
Completed Date: 06/19/2006
Comments: Passive Soil Gas Survey Report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Report
Completed Date: 04/17/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 04/29/2010
Comments: Fieldwork.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Implementation Workplan
Completed Date: 01/03/2012
Comments: Additional soil samples to be collected prior to excavation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 03/19/2012

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TECHNICHEM INCORPORATED (Continued) **1000243113**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Judicial Order
Completed Date: 11/04/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Judicial Order
Completed Date: 11/04/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 06/21/2011
Comments: work completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/11/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/17/2010
Comments: funds added to current work order

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 11/13/2002
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 04/10/2009
Comments: Work order for the hot spot removal. (08-T3602)

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 01/12/2010
Comments: Time Extention to June 30, 2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 06/21/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE

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TECHNICHEM INCORPORATED (Continued) **1000243113**

Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 08/05/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 02/06/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Settlement - Administrative
Completed Date: 03/19/2013
Comments: Letters sent out in response to counter offers on deminimus settlements

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Interim Measures Workplan
Completed Date: 10/18/2010
Comments: Interim measure to excavate PCE contaminated soil approved. Work to begin in October.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 09/07/2010
Comments: Comment period to run 9/15 to 10/15

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 08/19/2010
Comments: Public Notice for Draft Interim Measures Workplan to excavated contaminated soil.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/17/2010
Comments: Soil excavation work completed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Workplan
Completed Date: 05/16/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 06/08/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE

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TECHNICHEM INCORPORATED (Continued) **1000243113**

Completed Sub Area Name: Not reported
Completed Document Type: RFI Report
Completed Date: 07/11/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 01/02/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 03/20/2013
Comments: last gw sample collected 3/20

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/04/2013
Comments: PCE concentration in groundwater of 12,000 ug/L below center of building at depth of 15-25 ft bgs; addtional gw investigation proposed to further delineate the groundwater plume vertically and horizontally.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 12/17/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 02/28/2013
Comments: workplan to install 1 well on site and sample it

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 12/22/2015
Comments: Public notice announcing the availability of a proposed Settlement Agreement and Consent Decree between DTSC and Virginia Pellegrini and the Pellegrini Trust. This notice will be posted on the Office of Administrative Law's regulatory notice register on December 25, 2015. The comment period runs from December 25, 2015 through January 24, 2016.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 12/22/2015
Comments: NOTICE OF LODGING OF PROPOSED SETTLEMENT AGREEMENT AND CONSENT DECREE BETWEEN PLAINTIFF DEPARTMENT OF TOXIC SUBSTANCES CONTROL AND DEFENDANT VIRGINIA PELLEGRINI. Comment period runs from December 25, 2015 through January 24, 2016.

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TECHNICHEM INCORPORATED (Continued) **1000243113**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Report
Completed Date: 05/05/2017
Comments: Final Current Conditions Report, April 25, 2017. The Current Conditions Report (CCR) for the former Technichem, Inc. (Technichem) facility has been prepared by PES Environmental, Inc. (PES) on behalf of the Mario J. and Virginia E. Pellegrini Trust (Trust) to provide a summary of current environmental conditions. The Trust entered into a Settlement Agreement and Consent Decree (Case No. 3: 12-cv-05845-VC, Document 162) with the California Department of Toxic and Substance Control (DTSC) on March 22, 2016 to settle outstanding claims and to provide a framework for conducting remediation activities at the former Technichem facility (Site) located at 4245 Halleck Street, Emeryville, California. As described in Section 5.1, there has been a significant amount of environmental investigation and interim cleanup work conducted at the site. The first significant evaluation of site conditions was the 1993 RCRA Facility Assessment (DTSC, 1993), which identified the SWMUs and AOCs shown in Plate 4. Following the issuance of the 2002 Consent Order, a series of environmental investigations and interim remedial actions were conducted; these are summarized and listed in chronological order in a table. Pertinent figures and tables from previous environmental investigations and activities are included in Appendix B. Based on the screening levels summarized in Section 5.2 and Tables 8, 9, and 10, the following final contaminants of concern (COCs) are retained for use in evaluating the extent of contamination: Soil: PCE and TCE; Groundwater: PCE, TCE, cis-1,2-DCE, VC, and naphthalene; and Indoor Air: PCE. The potential impacts to human health and the environment are described in Section 6.2.4. Human health and the environment have the potential to be impacted by contaminated soil that remains on the western property boundary, contaminated shallow groundwater that is beneath the property and extends off of the property to the east and west, and from contaminated vapors volatilizing from the groundwater and migrating to indoor air. Based on the information presented in the CCR, there appears to generally be sufficient information available to evaluate potential corrective actions and complete the forthcoming Corrective Measures Study (CMS). However, two data gaps remain: 1. Indoor Air, 2. Groundwater Parameters to Support Remedial Technology Evaluation. Details of the data gap investigation will be provided in the CMS work plan. After a final corrective action has been selected, additional data collection may be recommended to facilitate detailed design.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 07/19/2015
Comments: Groundwater sampling completed Monday 7/18/2016 through Tuesday 7/19/2016.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RFI Workplan Addendum
Completed Date: 07/15/2016
Comments: This technical work plan addendum addresses procedures for conducting one round of groundwater monitoring and analysis of the existing

TECHNICHEM INCORPORATED (Continued) **1000243113**

monitoring well network at the former Technichem, Inc. facility (Site) located at 4245 Halleck Street in Emeryville, California. Operations at the former facility impacted soil, groundwater, and soil vapor at the Site. Chemicals of concern include the volatile organic compounds (VOCs) tetrachloroethene (PCE), trichloroethene (TCE), cis-1,2-dichloroethene (cis-1,2-DCE), vinyl chloride, and naphthalene. Seven monitoring wells (GW-4, GW-5, GW-6, GW-7, GW-8, GW-12, and GW-13) are currently located on the Site (Plate 2). Site history, environmental investigations, and remedial actions conducted at the Site are summarized in the work plan, work plan addendum, and Site investigation memorandum. The objective of this work plan addendum is to present the scope of work (SOW) for documenting the current groundwater conditions at the Site. This information will be incorporated into the Current Conditions Report (CCR) which is being prepared pursuant to the requirements of the Consent Decree. The current SOW includes one round of groundwater level monitoring and groundwater sampling, laboratory analysis of the groundwater samples, data review, evaluation, and reporting. A more detailed summary of the SOW to be conducted is presented below. The data generated during the monitoring and laboratory analyses will be included in the Current Conditions Report currently in preparation, including tabulated data, illustrations showing select contaminant concentrations, and laboratory analytical reports. The analytical laboratory will undergo a data validation review consistent with the existing work plan, and a summary of the review will be included in the Current Conditions Report. The monitoring and sampling event will be conducted within approximately 1 week of work plan approval by DTSC, with laboratory results likely received within 2 weeks of sampling.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 08/25/2016
Comments: NOTICE OF LODGING OF PROPOSED SETTLEMENT AGREEMENT AND CONSENT DECREE BETWEEN PLAINTIFF DEPARTMENT OF TOXIC SUBSTANCES CONTROL AND DEFENDANT STEPHEN S. TUNG. Comment period runs from September 2, 2016 through October 1, 2016.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 08/25/2016
Comments: Public notice announcing the availability of a proposed Settlement Agreement and Consent Decree between DTSC and Stephen Tung. This notice will be posted on the Office of Administrative Law's regulatory notice register on September 2, 2016. The comment period runs from September 2, 2016 through October 2, 2016.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 09/06/2016
Comments: Public notice announcing the availability of a proposed Settlement Agreement and Consent Decree between DTSC and with Butler Cleaners; Debra J. Dolch, as Administrator of Estate of Fred Walker; Celebrity Cleaners; and Custom Commercial Dry Cleaners, Inc.. This notice will

TECHNICHEM INCORPORATED (Continued) **1000243113**

be posted on the Office of Administrative Law's regulatory notice register on September 23, 2016. The comment period runs from September 23, 2016 through October 23, 2016.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 09/22/2016
Comments: Court notice announcing a proposed Settlement Agreement and Consent Decree between DTSC and with Butler Cleaners; Debra J. Dolch, as Administrator of Estate of Fred Walker; Celebrity Cleaners; and Custom Commercial Dry Cleaners, Inc.. This notice will be posted on the Office of Administrative Law's regulatory notice register on September 23, 2016. The comment period runs from September 23, 2016 through October 23, 2016.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Corrective Measures Study Workplan
Completed Date: 01/30/2018
Comments: Corrective Measures Study (CMS) Work Plan dated January 22, 2018 and submitted on January 22, 2018 by PES Environmental, Inc. (PES) on behalf of the Mario J. and Virginia E. Pellegrini Trust, for the former Technichem Facility located at 4245 Halleck St, Emeryville, California. DTSC has no additional comment and hereby approves the CMS Work Plan. The CMS Work Plan provides a description and plan for evaluating corrective measure technologies and/or alternatives and presents an outline for the CMS Report. This Work Plan was prepared consistent with the Scope of Work for a CMS per Exhibit 1, Attachment 6 of the Settlement Agreement and Consent Decree (Consent Decree; Case No. 3: 12-cv-05845-VC, Document 162). The sections of this Work Plan present a brief project summary, propose and objectives of the CMS, a description of the corrective measures to be studies and how they will be evaluated, a summary of the identified data gaps and work plans to address the data gaps, a proposed outline of the CMS Report, and a description of the project manage, and schedule.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 09/09/2017
Comments: Pre-indoor air sampling inspections completed 8/24/2017. Groundwater monitoring event conducted 8/31/2017. Indoor air samples collected 9/9/2017.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 04/07/2011
Comments: Expiration date extended to 5/30/2011.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Judicial Order
Completed Date: 01/17/2013
Comments: Not reported

Draft

TECHNICHEM INCORPORATED (Continued) **1000243113**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Judicial Order
Completed Date: 11/14/2012
Comments: Complaint for cost recovery against Technichem & Pellegrini Trust

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/07/2012
Comments: Letters sent to milk-run generators with $6,000 settlemnt offers

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 10/03/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 07/24/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Settlement - Administrative
Completed Date: 11/10/2016
Comments: Final settlement between Stephen S. Tung and DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 11/22/2016
Comments: Motion filed in court for approval of the Consent Decree for the settlement between DTSC and Butler Cleaners, Debra J. Dolch, as Administrator of the Estate of Fred Walker, Celebrity Cleaners and Custom Commercial Dry Cleaners.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Settlement - Administrative
Completed Date: 10/06/2016
Comments: Motion filed requesting approval of the Stephen Tung Consent Decree

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: Consent Decree
Completed Date: 01/06/2017

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TECHNICHEM INCORPORATED (Continued) **1000243113**

Comments: Court approved settlement between DTSC and Butler Cleaners, Debra J. Dolch, as Administrator of the Estate of Fred Walker, Celebrity Cleaners and Custom Commercial Dry Cleaners.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/09/2017
Comments: Letters notifying of the approval of the settlements.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 05/01/2012
Comments: Not reported

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: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 07/30/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 09/25/2012
Comments: contract for GW monitoring

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 09/27/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 12/17/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 01/12/2010
Comments: Term date was extended from January 31, 2010 to June 30, 2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Settlement - Administrative

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TECHNICHEM INCORPORATED (Continued) **1000243113**

Completed Date: 12/17/2003
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 12/10/2010
Comments: Contract to write final report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 04/25/2011
Comments: contract extension to complete final report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 11/10/2010
Comments: Funds added for additional expenses

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 09/27/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Settlement - Administrative
Completed Date: 01/28/2016
Comments: Motion filed requesting approval of the Pellegrini Consent Decree

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 08/23/2011
Comments: Extension of contract date; no $ added

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Work Order
Completed Date: 02/09/2011
Comments: start w.o. issued to draft final report

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 11/21/2016
Comments: [CONFIDENTIAL] Geological cross sections generated by DTSC for Technichem litigation support.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Judicial Order
Completed Date: 07/03/2013
Comments: Not reported

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TECHNICHEM INCORPORATED (Continued) **1000243113**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 09/04/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Form 1479 - Site and Collections Summary
Completed Date: 08/12/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 12/20/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Litigation Support
Completed Date: 08/13/2013
Comments: litigation on-going

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Judicial Order
Completed Date: 01/22/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/13/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Judicial Order
Completed Date: 12/06/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 03/22/2016
Comments: Consent agreement between DTSC & Virginia Pellegrini approved by the court. Ms. Pellegrini will conduct all future corrective action work at the site until she has expended $1.6 million.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: RCRA Facility Assessment Report
Completed Date: 06/30/1993
Comments: RCRA Facility Assessment Completed

Completed Area Name: PROJECT WIDE

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TECHNICHEM INCORPORATED (Continued) **1000243113**

Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/05/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 01/13/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/28/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 05/23/2011
Comments: Demand letter #2

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.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 10/18/2010
Comments: No comments received on NOE.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/25/2016
Comments: Change of Project Manager from Ms. Karen Toth to Ms. Elena Joy Pelen, effective April 21, 2016.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 08/11/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Access Agreement
Completed Date: 08/12/2008
Comments: Agreement signed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)

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TECHNICHEM INCORPORATED (Continued) **1000243113**

Completed Date: 01/09/2009
Comments: CFA signed by Budgets 1/9/2009.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/03/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Judicial Order
Completed Date: 04/30/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 11/01/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 06/24/2010
Comments: Signed CFA time extention to December 31, 2010

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/04/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 03/27/2009
Comments: Executed on March 27, 2009 for the hot spot cleanup of soil at Technichem.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 04/28/2011
Comments: Demand letter #1

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract Fiscal Approval (CFA)
Completed Date: 05/23/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: State/Federal Funded Site Contract
Completed Date: 06/23/2011
Comments: Not reported

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TECHNICHEM INCORPORATED (Continued) **1000243113**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 01/27/2009
Comments: Site visit with Chris Mai of ERRG to estimate costs with the hot spot removal.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 01/12/2011
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Corrective Measures Study Report
Future Due Date: 2018
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

US FIN ASSUR:

EPA ID: CAD981375983
County: Not reported
Mechanism type: I
Mechanism Type Description: INSURANCE
Cost estimate: 2000000
Face value: 2060000
Effective date: 2006-12-16 00:00:00
Provider: STEADFAST INS. CO.
EPA region: 9

EPA ID: CAD981375983
County: Not reported
Mechanism type: I
Mechanism Type Description: INSURANCE
Cost estimate: 60000
Face value: 2060000
Effective date: 2006-12-16 00:00:00
Provider: STEADFAST INS. CO.
EPA region: 9

FINDS:

Registry ID: 110000783493

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

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TECHNICHEM INCORPORATED (Continued) **1000243113**

events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS AIR POLLUTANT MAJOR

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

ECHO:

Envid:	1000243113
Registry ID:	110000783493
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110000783493

EMI:

Year:	1996
County Code:	1
Air Basin:	SF
Facility ID:	2116
Air District Name:	BA
SIC Code:	7389
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 Smllr Tons/Yr:	0

Year:	1997
County Code:	1
Air Basin:	SF
Facility ID:	2116
Air District Name:	BA
SIC Code:	7389
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 Smllr Tons/Yr:	0

Year:	1998
County Code:	1
Air Basin:	SF
Facility ID:	2116
Air District Name:	BA

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TECHNICHEM INCORPORATED (Continued) **1000243113**

SIC Code:	7389
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 Smllr Tons/Yr:	0

Year:	1999
County Code:	1
Air Basin:	SF
Facility ID:	2116
Air District Name:	BA
SIC Code:	8711
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 Smllr Tons/Yr:	0

Year:	2000
County Code:	1
Air Basin:	SF
Facility ID:	2116
Air District Name:	BA
SIC Code:	8711
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 Smllr Tons/Yr:	0

Year:	2001
County Code:	1
Air Basin:	SF
Facility ID:	2116
Air District Name:	BA
SIC Code:	8711
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

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TECHNICHEM INCORPORATED (Continued) **1000243113**

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

Year:	2002
County Code:	1
Air Basin:	SF
Facility ID:	2116
Air District Name:	BA
SIC Code:	8711
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 Smllr Tons/Yr:	0

Year:	2003
County Code:	1
Air Basin:	SF
Facility ID:	2116
Air District Name:	BA
SIC Code:	8711
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 Smllr Tons/Yr:	0

Year:	2004
County Code:	1
Air Basin:	SF
Facility ID:	2116
Air District Name:	BA
SIC Code:	8711
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:	0.131
Reactive Organic Gases Tons/Yr:	0.131
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

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TECHNICHEM INCORPORATED (Continued) **1000243113**

CA Financial Assurance 1:

EPA ID Number:	CAD981375983 80001769
Sudden Amount1:	$1,000,000.00
Non Sudden Amount1:	Not reported
Closure Mechanism:	Ins
Closure Amount:	$60,000.00
Post Closure Mechanism:	Not reported
Post Closure Amount:	Not reported
Corrective Action Mechanism:	Not reported
Corrective Action Amount:	Not reported
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:	2012-12-16 00:00:00
Closure Mechanism Renewal Date:	Not reported
Closure Mechanism Provider:	Steadfast Ins. Co.
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:	Not reported
Corrective Action Mechanism Renewal Date:	Not reported
Corrective Action Mechanism Provider:	Not reported
Sudden Mechanism Date of Mechanism:	Not reported
Sudden Mechanism Renewal Date:	Not reported
Sudden Mechanism Provider:	Steadfast 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:	2013-12-23 00:00:00
Authorization Type:	Cleanup
Comments:	Not reported

HAZNET:

envid:	1000243113
Year:	2013
GEPAID:	CAD981375983
Contact:	JUANITA BACEY
Telephone:	5105402480
Mailing Name:	Not reported
Mailing Address:	700 HEINZ AVE
Mailing City,St,Zip:	BERKELEY, CA 94710
Gen County:	Alameda
TSD EPA ID:	UTD981552177
TSD County:	99
Waste Category:	Not reported
Disposal Method:	Incineration--Thermal Destruction Other Than Use As A Fuel
Tons:	0.4
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Not reported

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TECHNICHEM INCORPORATED (Continued) **1000243113**

envid: 1000243113
Year: 2013
GEPAID: CAD981375983
Contact: JUANITA BACEY
Telephone: 5105402480
Mailing Name: Not reported
Mailing Address: 700 HEINZ AVE
Mailing City,St,Zip: BERKELEY, CA 94710
Gen County: Alameda
TSD EPA ID: NVT330010000
TSD County: 99
Waste Category: Not reported
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.22935
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Not reported

envid: 1000243113
Year: 2013
GEPAID: CAD981375983
Contact: JUANITA BACEY
Telephone: 5105402480
Mailing Name: Not reported
Mailing Address: 700 HEINZ AVE
Mailing City,St,Zip: BERKELEY, CA 94710
Gen County: Alameda
TSD EPA ID: UTD981552177
TSD County: 99
Waste Category: Not reported
Disposal Method: Incineration--Thermal Destruction Other Than Use As A Fuel
Tons: 0.272
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Not reported

envid: 1000243113
Year: 2012
GEPAID: CAD981375983
Contact: JUANITA BACEY
Telephone: 5105402480
Mailing Name: Not reported
Mailing Address: 700 HEINZ AVE
Mailing City,St,Zip: BERKELEY, CA 94710
Gen County: Alameda
TSD EPA ID: CAD008252405
TSD County: Los Angeles
Waste Category: Not reported
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.6255
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

envid: 1000243113
Year: 2012

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TECHNICHEM INCORPORATED (Continued) **1000243113**

GEPAID:	CAD981375983
Contact:	JUANITA BACEY
Telephone:	5105402480
Mailing Name:	Not reported
Mailing Address:	700 HEINZ AVE
Mailing City,St,Zip:	BERKELEY, CA 94710
Gen County:	Alameda
TSD EPA ID:	ARD981057870
TSD County:	99
Waste Category:	Not reported
Disposal Method:	Fuel Blending Prior To Energy Recovery At Another Site
Tons:	1.14675
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Alameda

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

ICE:

Envirostor ID:	3001683
EPA ID:	CAD981375983
Site Type:	INSPECTION
Facility Status:	No Action

Enforcement:

Action Type:	Injunctive Relief (263)
Action Date:	06/28/2000
Action Type:	Final Civil / Judicial Action (610)
Action Date:	12/17/2003
Action Type:	Initial Civil Filing AG (510)
Action Date:	06/02/2000

Inspection:

Action Type:	Follow-up Inspection - Standardized Permit
Action Date:	09/29/1999
Violation Class:	Class 1
RTC Date:	01/01/2004
Action Type:	Compliance Evaluation Inspection - Treatment, Storage and Disposal
Action Date:	01/16/2004
Violation Class:	Class 1, Minor
RTC Date:	08/11/2008
Action Type:	Follow-up Inspection - Standardized Permit
Action Date:	10/31/2001
Violation Class:	No Violations
RTC Date:	Not reported
Action Type:	Follow-up Inspection - Standardized Permit
Action Date:	10/27/2000
Violation Class:	Class 1
RTC Date:	01/01/2004
Action Type:	Compliance Evaluation Inspection - Standardized Permit

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TECHNICHEM INCORPORATED (Continued) **1000243113**

Action Date: 11/20/1997
Violation Class: Class 1
RTC Date: 06/28/2000

Action Type: Follow-up Inspection - Standardized Permit
Action Date: 01/31/2001
Violation Class: No Violations
RTC Date: Not reported

Action Type: Follow-up Inspection - Treatment, Storage and Disposal
Action Date: 06/12/2002
Violation Class: Class 1
RTC Date: 01/01/2004

Action Type: Follow-up Inspection - Standardized Permit
Action Date: 08/20/1999
Violation Class: Class 1
RTC Date: 01/01/2004

HWP:
EPA Id: CAD981375983
Cleanup Status: UNDERGOING CLOSURE
Latitude: 37.83112
Longitude: -122.2905
Facility Type: Historical - Non-Operating
Facility Size: Not reported
Team: Not reported
Supervisor: Not reported
Site Code: 200314
Assembly District: 15
Senate District: 09
Public Information Officer: Not reported
Public Information Officer: Not reported

Activities:
EPA Id: CAD981375983
Facility Type: Historical - Non-Operating
Unit Names: BLOWDOWN TANK V-9, CARBON BED ADSORBER C-2, DISTILLATION UNIT D-1, EQUIPMENT/DRUM WASHER, FRACTIONATION UNIT D-2, LIQUID EVAPORATOR E-3, LIQUID/SOLID SEPATOR G-1, LIQUID/SOLID STRAINER, LOAD/UNLOAD AREA #8, PERK STORAGE VESSEL V-2, PHASE SEPARATOR V-1, PROCESS WATER FILTER PWF-1, PROCESS WATER TANK V-5, PRODUCT VESSEL TANK VE-1, PRODUCT VESSEL TANK VE-2, PRODUCT VESSEL TANK VE-3, SECONDARY CONDENSER E-2, SECONDARY SETTLER V-4, SPARGER S-1, SPARGER S-2, SPARGER S-3, SPARGER S-4, SPARGER S-5, STORAGE AREA #2, STORAGE AREA #3, STORAGE AREA #4, STORAGE AREA #5, STORAGE AREA #6, STORAGE AREA #7, SURGE SUPPORT TANK E-3S, VAPOR CONDENSER E-1
Event Description: New Operating Permit - PUBLIC COMMENT (BEGIN)
Actual Date: 07/24/2000

EPA Id: CAD981375983
Facility Type: Historical - Non-Operating
Unit Names: BLOWDOWN TANK V-9, CARBON BED ADSORBER C-2, DISTILLATION UNIT D-1, EQUIPMENT/DRUM WASHER, FRACTIONATION UNIT D-2, LIQUID EVAPORATOR E-3, LIQUID/SOLID SEPATOR G-1, LIQUID/SOLID STRAINER, LOAD/UNLOAD AREA #8, PERK STORAGE VESSEL V-2, PHASE SEPARATOR V-1, PROCESS WATER FILTER

DRAFT

TECHNICHEM INCORPORATED (Continued) **1000243113**

PWF-1, PROCESS WATER TANK V-5, PRODUCT VESSEL TANK VE-1, PRODUCT VESSEL TANK VE-2, PRODUCT VESSEL TANK VE-3, SECONDARY CONDENSER E-2, SECONDARY SETTLER V-4, SPARGER S-1, SPARGER S-2, SPARGER S-3, SPARGER S-4, SPARGER S-5, STORAGE AREA #2, STORAGE AREA #3, STORAGE AREA #4, STORAGE AREA #5, STORAGE AREA #6, STORAGE AREA #7, SURGE SUPPORT TANK E-3S, VAPOR CONDENSER E-1

Event Description: New Operating Permit - PERMIT TERMINATED - TERMINATION RECEIVED
Actual Date: 12/23/2003

EPA Id: CAD981375983
Facility Type: Historical - Non-Operating
Unit Names: BLOWDOWN TANK V-9, CARBON BED ADSORBER C-2, DISTILLATION UNIT D-1, EQUIPMENT/DRUM WASHER, FRACTIONATION UNIT D-2, LIQUID EVAPORATOR E-3, LIQUID/SOLID SEPATOR G-1, LIQUID/SOLID STRAINER, LOAD/UNLOAD AREA #8, PERK STORAGE VESSEL V-2, PHASE SEPARATOR V-1, PROCESS WATER FILTER PWF-1, PROCESS WATER TANK V-5, PRODUCT VESSEL TANK VE-1, PRODUCT VESSEL TANK VE-2, PRODUCT VESSEL TANK VE-3, SECONDARY CONDENSER E-2, SECONDARY SETTLER V-4, SPARGER S-1, SPARGER S-2, SPARGER S-3, SPARGER S-4, SPARGER S-5, STORAGE AREA #2, STORAGE AREA #3, STORAGE AREA #4, STORAGE AREA #5, STORAGE AREA #6, STORAGE AREA #7, SURGE SUPPORT TANK E-3S, VAPOR CONDENSER E-1
Event Description: New Operating Permit - FINAL PERMIT
Actual Date: 06/01/2001

EPA Id: CAD981375983
Facility Type: Historical - Non-Operating
Unit Names: BLOWDOWN TANK V-9, CARBON BED ADSORBER C-2, DISTILLATION UNIT D-1, EQUIPMENT/DRUM WASHER, FRACTIONATION UNIT D-2, LIQUID EVAPORATOR E-3, LIQUID/SOLID SEPATOR G-1, LIQUID/SOLID STRAINER, LOAD/UNLOAD AREA #8, PERK STORAGE VESSEL V-2, PHASE SEPARATOR V-1, PROCESS WATER FILTER PWF-1, PROCESS WATER TANK V-5, PRODUCT VESSEL TANK VE-1, PRODUCT VESSEL TANK VE-2, PRODUCT VESSEL TANK VE-3, SECONDARY CONDENSER E-2, SECONDARY SETTLER V-4, SPARGER S-1, SPARGER S-2, SPARGER S-3, SPARGER S-4, SPARGER S-5, STORAGE AREA #2, STORAGE AREA #3, STORAGE AREA #4, STORAGE AREA #5, STORAGE AREA #6, STORAGE AREA #7, SURGE SUPPORT TANK E-3S, VAPOR CONDENSER E-1
Event Description: New Operating Permit - FINAL PERMIT (EFFECTIVE)
Actual Date: 07/09/2001

EPA Id: CAD981375983
Facility Type: Historical - Non-Operating
Unit Names: BLOWDOWN TANK V-9, CARBON BED ADSORBER C-2, DISTILLATION UNIT D-1, EQUIPMENT/DRUM WASHER, FRACTIONATION UNIT D-2, LIQUID EVAPORATOR E-3, LIQUID/SOLID SEPATOR G-1, LIQUID/SOLID STRAINER, LOAD/UNLOAD AREA #8, PERK STORAGE VESSEL V-2, PHASE SEPARATOR V-1, PROCESS WATER FILTER PWF-1, PROCESS WATER TANK V-5, PRODUCT VESSEL TANK VE-1, PRODUCT VESSEL TANK VE-2, PRODUCT VESSEL TANK VE-3, SECONDARY CONDENSER E-2, SECONDARY SETTLER V-4, SPARGER S-1, SPARGER S-2, SPARGER S-3, SPARGER S-4, SPARGER S-5, STORAGE AREA #2, STORAGE AREA #3, STORAGE AREA #4, STORAGE AREA #5, STORAGE AREA #6, STORAGE AREA #7, SURGE SUPPORT TANK E-3S, VAPOR CONDENSER E-1
Event Description: New Operating Permit - PERMIT TERMINATED - TERMINATION APPROVED
Actual Date: 01/23/2004

EPA Id: CAD981375983
Facility Type: Historical - Non-Operating
Unit Names: BLOWDOWN TANK V-9, CARBON BED ADSORBER C-2, DISTILLATION UNIT D-1,

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TECHNICHEM INCORPORATED (Continued) **1000243113**

EQUIPMENT/DRUM WASHER, FRACTIONATION UNIT D-2, LIQUID EVAPORATOR E-3, LIQUID/SOLID SEPATOR G-1, LIQUID/SOLID STRAINER, LOAD/UNLOAD AREA #8, PERK STORAGE VESSEL V-2, PHASE SEPARATOR V-1, PROCESS WATER FILTER PWF-1, PROCESS WATER TANK V-5, PRODUCT VESSEL TANK VE-1, PRODUCT VESSEL TANK VE-2, PRODUCT VESSEL TANK VE-3, SECONDARY CONDENSER E-2, SECONDARY SETTLER V-4, SPARGER S-1, SPARGER S-2, SPARGER S-3, SPARGER S-4, SPARGER S-5, STORAGE AREA #2, STORAGE AREA #3, STORAGE AREA #4, STORAGE AREA #5, STORAGE AREA #6, STORAGE AREA #7, SURGE SUPPORT TANK E-3S, VAPOR CONDENSER E-1
Event Description: New Operating Permit - TECHNICAL COMPLETE LETTER
Actual Date: 07/20/2000

Closure:
EPA Id: CAD981375983
Facility Type: Historical - Non-Operating
Unit Names: BLOWDOWN TANK V-9, CARBON BED ADSORBER C-2, DISTILLATION UNIT D-1, EQUIPMENT/DRUM WASHER, FRACTIONATION UNIT D-2, LIQUID EVAPORATOR E-3, LIQUID/SOLID SEPATOR G-1, LIQUID/SOLID STRAINER, LOAD/UNLOAD AREA #8, PERK STORAGE VESSEL V-2, PHASE SEPARATOR V-1, PROCESS WATER FILTER PWF-1, PROCESS WATER TANK V-5, PRODUCT VESSEL TANK VE-1, PRODUCT VESSEL TANK VE-2, PRODUCT VESSEL TANK VE-3, SECONDARY CONDENSER E-2, SECONDARY SETTLER V-4, SPARGER S-1, SPARGER S-2, SPARGER S-3, SPARGER S-4, SPARGER S-5, STORAGE AREA #2, STORAGE AREA #3, STORAGE AREA #4, STORAGE AREA #5, STORAGE AREA #6, STORAGE AREA #7, SURGE SUPPORT TANK E-3S, VAPOR CONDENSER E-1
Event Description: Closure - CLOSURE PLAN RECEIVED
Actual Date: 02/02/2004

EPA Id: CAD981375983
Facility Type: Historical - Non-Operating
Unit Names: BLOWDOWN TANK V-9, CARBON BED ADSORBER C-2, DISTILLATION UNIT D-1, EQUIPMENT/DRUM WASHER, FRACTIONATION UNIT D-2, LIQUID EVAPORATOR E-3, LIQUID/SOLID SEPATOR G-1, LIQUID/SOLID STRAINER, LOAD/UNLOAD AREA #8, PERK STORAGE VESSEL V-2, PHASE SEPARATOR V-1, PROCESS WATER FILTER PWF-1, PROCESS WATER TANK V-5, PRODUCT VESSEL TANK VE-1, PRODUCT VESSEL TANK VE-2, PRODUCT VESSEL TANK VE-3, SECONDARY CONDENSER E-2, SECONDARY SETTLER V-4, SPARGER S-1, SPARGER S-2, SPARGER S-3, SPARGER S-4, SPARGER S-5, STORAGE AREA #2, STORAGE AREA #3, STORAGE AREA #4, STORAGE AREA #5, STORAGE AREA #6, STORAGE AREA #7, SURGE SUPPORT TANK E-3S, VAPOR CONDENSER E-1
Event Description: Closure - CLOSURE PLAN APPROVED
Actual Date: 06/16/2005

EPA Id: CAD981375983
Facility Type: Historical - Non-Operating
Unit Names: BLOWDOWN TANK V-9, CARBON BED ADSORBER C-2, DISTILLATION UNIT D-1, EQUIPMENT/DRUM WASHER, FRACTIONATION UNIT D-2, LIQUID EVAPORATOR E-3, LIQUID/SOLID SEPATOR G-1, LIQUID/SOLID STRAINER, LOAD/UNLOAD AREA #8, PERK STORAGE VESSEL V-2, PHASE SEPARATOR V-1, PROCESS WATER FILTER PWF-1, PROCESS WATER TANK V-5, PRODUCT VESSEL TANK VE-1, PRODUCT VESSEL TANK VE-2, PRODUCT VESSEL TANK VE-3, SECONDARY CONDENSER E-2, SECONDARY SETTLER V-4, SPARGER S-1, SPARGER S-2, SPARGER S-3, SPARGER S-4, SPARGER S-5, STORAGE AREA #2, STORAGE AREA #3, STORAGE AREA #4, STORAGE AREA #5, STORAGE AREA #6, STORAGE AREA #7, SURGE SUPPORT TANK E-3S, VAPOR CONDENSER E-1
Event Description: Closure - 1ST NOTICE OF DEFICIENCY ISSUED
Actual Date: 04/08/2004

DRAFT

TECHNICHEM INCORPORATED (Continued) **1000243113**

EPA Id: CAD981375983
Facility Type: Historical - Non-Operating
Unit Names: BLOWDOWN TANK V-9, CARBON BED ADSORBER C-2, DISTILLATION UNIT D-1, EQUIPMENT/DRUM WASHER, FRACTIONATION UNIT D-2, LIQUID EVAPORATOR E-3, LIQUID/SOLID SEPATOR G-1, LIQUID/SOLID STRAINER, LOAD/UNLOAD AREA #8, PERK STORAGE VESSEL V-2, PHASE SEPARATOR V-1, PROCESS WATER FILTER PWF-1, PROCESS WATER TANK V-5, PRODUCT VESSEL TANK VE-1, PRODUCT VESSEL TANK VE-2, PRODUCT VESSEL TANK VE-3, SECONDARY CONDENSER E-2, SECONDARY SETTLER V-4, SPARGER S-1, SPARGER S-2, SPARGER S-3, SPARGER S-4, SPARGER S-5, STORAGE AREA #2, STORAGE AREA #3, STORAGE AREA #4, STORAGE AREA #5, STORAGE AREA #6, STORAGE AREA #7, SURGE SUPPORT TANK E-3S, VAPOR CONDENSER E-1
Event Description: Referred for closure to other agency - REFERRED FOR CLOSURE TO OTHER AGENCY
Actual Date: 11/14/2013

Alias:
EPA Id: CAD981375983
Facility Type: Historical - Non-Operating
Alias Type: FRS
Alias: 110000783493

EPA Id: CAD981375983
Facility Type: Historical - Non-Operating
Alias Type: Project Code (Site Code)
Alias: 200314

CERS TANKS:
Site ID: 343761
CERS ID: 80001769
CERS Description: Corrective Action

Affiliation:
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

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

Site ID: 237227
CERS ID: CAD981375983
CERS Description: Hazardous Waste

DRAFT

TECHNICHEM INCORPORATED (Continued) **1000243113**

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-16-2004
Violations Found:	Yes
Eval Type:	DTSC Compliance Evaluation Inspection
Eval Notes:	Compliance Evaluation Inspection - Treatment, Storage and Disposal Return To Compliance: 2008-08-11 00:00:00
Eval Division:	Department of Toxic Substances Control
Eval Program:	DTSC_ENF
Eval Source:	ENVSTORHAZ

Eval General Type:	Compliance Followup Inspection
Eval Date:	01-31-2001
Violations Found:	No
Eval Type:	DTSC Follow-up Inspection
Eval Notes:	Follow-up Inspection - Standardized Permit
Eval Division:	Department of Toxic Substances Control
Eval Program:	DTSC_ENF
Eval Source:	ENVSTORHAZ

Eval General Type:	Compliance Followup Inspection
Eval Date:	06-12-2002
Violations Found:	Yes
Eval Type:	DTSC Follow-up Inspection
Eval Notes:	Follow-up Inspection - Treatment, Storage and Disposal Return To Compliance: 2004-01-01 00:00:00
Eval Division:	Department of Toxic Substances Control
Eval Program:	DTSC_ENF
Eval Source:	ENVSTORHAZ

Eval General Type:	Compliance Followup Inspection
Eval Date:	08-20-1999
Violations Found:	Yes
Eval Type:	DTSC Follow-up Inspection
Eval Notes:	Follow-up Inspection - Standardized Permit Return To Compliance: 2004-01-01 00:00:00
Eval Division:	Department of Toxic Substances Control
Eval Program:	DTSC_ENF
Eval Source:	ENVSTORHAZ

Eval General Type:	Compliance Followup Inspection
Eval Date:	09-29-1999
Violations Found:	Yes
Eval Type:	DTSC Follow-up Inspection
Eval Notes:	Follow-up Inspection - Standardized Permit Return To Compliance: 2004-01-01 00:00:00
Eval Division:	Department of Toxic Substances Control
Eval Program:	DTSC_ENF
Eval Source:	ENVSTORHAZ

Eval General Type:	Compliance Followup Inspection
Eval Date:	10-27-2000
Violations Found:	Yes
Eval Type:	DTSC Follow-up Inspection
Eval Notes:	Follow-up Inspection - Standardized Permit Return To Compliance: 2004-01-01 00:00:00
Eval Division:	Department of Toxic Substances Control

DRAFT

TECHNICHEM INCORPORATED (Continued) **1000243113**

Eval Program:	DTSC_ENF
Eval Source:	ENVSTORHAZ
Eval General Type:	Compliance Followup Inspection
Eval Date:	10-31-2001
Violations Found:	No
Eval Type:	DTSC Follow-up Inspection
Eval Notes:	Follow-up Inspection - Standardized Permit
Eval Division:	Department of Toxic Substances Control
Eval Program:	DTSC_ENF
Eval Source:	ENVSTORHAZ
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-20-1997
Violations Found:	Yes
Eval Type:	DTSC Compliance Evaluation Inspection
Eval Notes:	Compliance Evaluation Inspection - Standardized Permit Return To Compliance: 2000-06-28 00:00:00
Eval Division:	Department of Toxic Substances Control
Eval Program:	DTSC_ENF
Eval Source:	ENVSTORHAZ

Enforcement Action:

Site ID:	237227
Site Name:	FORMER TECHNICHEM INC
Site Address:	4245 HALLECK ST
Site City:	EMERYVILLE
Site Zip:	946080000
Enf Action Date:	06-02-2000
Enf Action Type:	Initial Civil Filing with Attorney General
Enf Action Description:	Initial Civil Filing with Attorney General
Enf Action Notes:	Not reported
Enf Action Division:	Department of Toxic Substances Control
Enf Action Program:	DTSC_ENF
Enf Action Source:	ENVSTORHAZ
Site ID:	237227
Site Name:	FORMER TECHNICHEM INC
Site Address:	4245 HALLECK ST
Site City:	EMERYVILLE
Site Zip:	946080000
Enf Action Date:	06-28-2000
Enf Action Type:	Injunctive Relief
Enf Action Description:	Injunctive Relief
Enf Action Notes:	Not reported
Enf Action Division:	Department of Toxic Substances Control
Enf Action Program:	DTSC_ENF
Enf Action Source:	ENVSTORHAZ
Site ID:	237227
Site Name:	FORMER TECHNICHEM INC
Site Address:	4245 HALLECK ST
Site City:	EMERYVILLE
Site Zip:	946080000
Enf Action Date:	12-17-2003
Enf Action Type:	Final Civil / Judicial Action
Enf Action Description:	Final Civil / Judicial Action

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TECHNICHEM INCORPORATED (Continued) **1000243113**

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:	JUANITA BACEY
Entity Title:	Not reported
Affiliation Address:	700 HEINZ AVE
Affiliation City:	BERKELEY
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94710
Affiliation Phone:	5105402480

Affiliation Type Desc:	Facility Owner
Entity Name:	CA DEPT OF TOXIC SUBSTANCES CONTROL
Entity Title:	Not reported
Affiliation Address:	700 HEINZ AVE
Affiliation City:	BERKELEY
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94710
Affiliation Phone:	5105402480

AX221 **ARTESIAN OIL RECOVERY** **ENVIROSTOR** **S118757104**
SSW **2306 MAGNOLIA STREET** **N/A**
1/2-1 **OAKLAND, CA 94607**
0.677 mi.
3573 ft. **Site 1 of 2 in cluster AX**

Relative:
Lower

Actual:
12 ft.

ENVIROSTOR:

Facility ID:	60000364
Status:	No Action Required
Status Date:	02/08/2007
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	0.1472
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:	EPA - PASI
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	EPA Grant
Latitude:	37.81687
Longitude:	-122.2843
APN:	5-426-23
Past Use:	TRANSFER STATION

DRAFT

ARTESIAN OIL RECOVERY (Continued) **S118757104**

Potential COC: Freon 113 TPH-diesel TPH-MOTOR OIL
Confirmed COC: 30024-NO 30012-NO 3002502-NO
Potential Description: OTH, SOIL
Alias Name: 5-426-23
Alias Type: APN
Alias Name: 60000364
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/15/2006
Comments: An information request letter was sent to the owner/operator of the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 02/09/2007
Comments: EPA approved site screening as no action required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 01/05/2004
Comments: This letter acknowledges the closure certification submitted on December 3, 2003. DTSC now considers the hazardous waste management units at the former Artesian Oil Recovery Inc. facility located at 2306 Magnolia Drive, Oakland to be closed and to meet the cleanup levels for residential land use.

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

AX222 **ARTESIAN OIL RECOVERY INC** **ICE** **S103644004**
SSW **2306 MAGNOLIA ST** **HWP** **N/A**
1/2-1 **OAKLAND, CA 94607** **CERS**
0.677 mi.
3573 ft. **Site 2 of 2 in cluster AX**

Relative:
Lower
Actual:
12 ft.

ICE:
Envirostor ID: 3002669
EPA ID: CAL000161741
Site Type: INSPECTION
Facility Status: No Action

Enforcement:
Action Type: Final Administrative Settlement (310)
Action Date: 12/07/2001

Action Type: Consent Order with Enforcement and Settlement - Federal CA/FO (385)

DRAFT

ARTESIAN OIL RECOVERY INC (Continued) **S103644004**

Action Date: 04/07/2000

Action Type: Enforcement Order Issued (210)
Action Date: 09/12/2001

Inspection:
Action Type: Follow-up Inspection - Standardized Permit
Action Date: 08/06/2001
Violation Class: Class 2
RTC Date: 12/07/2001

Action Type: Compliance Evaluation Inspection - Transporter
Action Date: 07/08/2001
Violation Class: Class 1
RTC Date: 12/07/2001

Action Type: Compliance Evaluation Inspection - Transporter
Action Date: 11/30/1999
Violation Class: Class 2
RTC Date: 04/07/2000

HWP:
EPA Id: CAL000161741
Cleanup Status: CLOSED
Latitude: 37.81668
Longitude: -122.2847
Facility Type: Historical - Non-Operating
Facility Size: Not reported
Team: Not reported
Supervisor: Not reported
Site Code: 200535
Assembly District: 18
Senate District: 09
Public Information Officer: Not reported
Public Information Officer: Not reported

Activities:
EPA Id: CAL000161741
Facility Type: Historical - Non-Operating
Unit Names: Not reported
Event Description: New Operating Permit - PUBLIC COMMENT (BEGIN)
Actual Date: 10/22/1997

EPA Id: CAL000161741
Facility Type: Historical - Non-Operating
Unit Names: Not reported
Event Description: New Operating Permit - APPLICATION PART A RECEIVED
Actual Date: 03/31/1994

EPA Id: CAL000161741
Facility Type: Historical - Non-Operating
Unit Names: Not reported
Event Description: New Operating Permit - FINAL PERMIT (EFFECTIVE)
Actual Date: 12/29/1997

EPA Id: CAL000161741

DRAFT

ARTESIAN OIL RECOVERY INC (Continued) **S103644004**

Facility Type: Historical - Non-Operating
Unit Names: Not reported
Event Description: New Operating Permit - TECHNICAL COMPLETE LETTER
Actual Date: 10/15/1997

Closure:
EPA Id: CAL000161741
Facility Type: Historical - Non-Operating
Unit Names: STTANKSTR1, STTANKSTR2, STTANKSTR3A, STTANKSTR3B
Event Description: Closure Final - RECEIVE CLOSURE CERTIFICATION
Actual Date: 12/03/2003

EPA Id: CAL000161741
Facility Type: Historical - Non-Operating
Unit Names: STTANKSTR1, STTANKSTR2, STTANKSTR3A, STTANKSTR3B
Event Description: Closure Final - ISSUE CLOSURE VERIFICATION
Actual Date: 01/05/2004

Alias:
EPA Id: CAL000161741
Facility Type: Historical - Non-Operating
Alias Type: Project Code (Site Code)
Alias: 200535

CERS TANKS:
Site ID: 205547
CERS ID: CAL000161741
CERS Description: Hazardous Waste

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-08-2001
Violations Found: Yes
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Transporter Return To Compliance: 2001-12-07 00:00:00
Eval Division: Department of Toxic Substances Control
Eval Program: DTSC_ENF
Eval Source: ENVSTORHAZ

Eval General Type: Compliance Followup Inspection
Eval Date: 08-06-2001
Violations Found: Yes
Eval Type: DTSC Follow-up Inspection
Eval Notes: Follow-up Inspection - Standardized Permit Return To Compliance: 2001-12-07 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: 11-30-1999
Violations Found: Yes
Eval Type: DTSC Compliance Evaluation Inspection
Eval Notes: Compliance Evaluation Inspection - Transporter Return To Compliance:

DRAFT

ARTESIAN OIL RECOVERY INC (Continued) **S103644004**

	2000-04-07 00:00:00
Eval Division:	Department of Toxic Substances Control
Eval Program:	DTSC_ENF
Eval Source:	ENVSTORHAZ

Enforcement Action:

Site ID:	205547
Site Name:	ARTESIAN OIL RECOVERY INC
Site Address:	2306 MAGNOLIA ST
Site City:	OAKLAND
Site Zip:	946072309
Enf Action Date:	04-07-2000
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

Site ID:	205547
Site Name:	ARTESIAN OIL RECOVERY INC
Site Address:	2306 MAGNOLIA ST
Site City:	OAKLAND
Site Zip:	946072309
Enf Action Date:	09-12-2001
Enf Action Type:	Enforcement Order Issued
Enf Action Description:	Enforcement Order Issued
Enf Action Notes:	Not reported
Enf Action Division:	Department of Toxic Substances Control
Enf Action Program:	DTSC_ENF
Enf Action Source:	ENVSTORHAZ

Site ID:	205547
Site Name:	ARTESIAN OIL RECOVERY INC
Site Address:	2306 MAGNOLIA ST
Site City:	OAKLAND
Site Zip:	946072309
Enf Action Date:	12-07-2001
Enf Action Type:	Final Administrative Settlement
Enf Action Description:	Final Administrative 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:	ENVIRONMENTAL MANAGER
Entity Title:	Not reported
Affiliation Address:	2306 MAGNOLIA ST
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	946072309
Affiliation Phone:	5108394234

DRAFT

ARTESIAN OIL RECOVERY INC (Continued) **S103644004**

Affiliation Type Desc:	Facility Owner
Entity Name:	ARTESIAN OIL RECOVERY CO INC
Entity Title:	Not reported
Affiliation Address:	2306 MAGNOLIA ST
Affiliation City:	OAKLAND
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	946072309
Affiliation Phone:	5108394234

AY223
WSW
1/2-1
0.678 mi.
3581 ft.

B & P DISMANTLERS
2525 WOOD STREET
OAKLAND, CA 94607

ENVIROSTOR **S103951589**
VCP **N/A**
HIST CORTESE

Site 1 of 2 in cluster AY

Relative:
Lower

Actual:
10 ft.

ENVIROSTOR:

Facility ID:	1750017
Status:	Certified
Status Date:	09/13/2004
Site Code:	200472
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	0.5
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:	37.82106
Longitude:	-122.2916
APN:	NONE SPECIFIED
Past Use:	JUNKYARD
Potential COC:	* CONTAMINATED SOIL Arsenic Lead TPH-MOTOR OIL Nickel
Confirmed COC:	30407-NO Arsenic 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

DRAFT

B & P DISMANTLERS (Continued) **S103951589**

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: 1750017
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 0.5
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: 200472
Assembly: 18
Senate: 09
Special Programs Code: Voluntary Cleanup Program
Status: Certified
Status Date: 09/13/2004
Restricted Use: NO
Funding: Responsible Party
Lat/Long: 37.82106 / -122.2916
APN: NONE SPECIFIED
Past Use: JUNKYARD
Potential COC: 10097, 30001, 30013, 3002502, 30407
Confirmed COC: 30407-NO,30001,30013,10097,3002502
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

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: CALSI

DRAFT

B & P DISMANTLERS (Continued) **S103951589**

Reg Id: 01750017

AY224 **FORMER HALL PROPERTY** **ENVIROSTOR** **S112840194**
WSW **2601 WOOD STREET** **VCP** **N/A**
1/2-1 **OAKLAND, CA 94607** **DEED**
0.678 mi. **HAZNET**
3581 ft. **Site 2 of 2 in cluster AY**

Relative:
Lower

Actual:
10 ft.

ENVIROSTOR:

Facility ID:	1280090
Status:	Certified O&M - Land Use Restrictions Only
Status Date:	02/13/2018
Site Code:	202161
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	1
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Janet Naito
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:	37.82218
Longitude:	-122.2914
APN:	007 058300102
Past Use:	MANUFACTURING - OTHER
Potential COC:	TPH-MOTOR OIL 1,1-Dichloroethane
Confirmed COC:	1,1-Dichloroethane TPH-MOTOR OIL
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:	1280090
Site Type:	Voluntary Cleanup

DRAFT

FORMER HALL PROPERTY (Continued) **S112840194**

Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 1
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Janet Naito
Division Branch: Cleanup Berkeley
Site Code: 202161
Assembly: 18
Senate: 09
Special Programs Code: Voluntary Cleanup Program
Status: Certified O&M - Land Use Restrictions Only
Status Date: 02/13/2018
Restricted Use: YES
Funding: Responsible Party
Lat/Long: 37.82218 / -122.2914
APN: 007 058300102
Past Use: MANUFACTURING - OTHER
Potential COC: 3002502, 30192
Confirmed COC: 30192,3002502
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
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: 1280090
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): 01/04/2018
File Name: Envirostor Land Use Restrictions

HAZNET:
envid: S112840194

DRAFT

FORMER HALL PROPERTY (Continued) **S112840194**

Year:	1994
GEPAID:	CAC000721768
Contact:	STATE OF CALIFORNIA
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	P O BOX 23660
Mailing City,St,Zip:	OAKLAND, CA 946230660
Gen County:	Not reported
TSD EPA ID:	CAD981388952
TSD County:	Not reported
Waste Category:	Asbestos containing waste
Disposal Method:	Not reported
Tons:	42.1400
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	1

envid:	S112840194
Year:	1994
GEPAID:	CAC000721768
Contact:	STATE OF CALIFORNIA
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	P O BOX 23660
Mailing City,St,Zip:	OAKLAND, CA 946230660
Gen County:	Not reported
TSD EPA ID:	Not reported
TSD County:	Not reported
Waste Category:	Asbestos containing waste
Disposal Method:	Not reported
Tons:	42.1400
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	1

envid:	S112840194
Year:	1994
GEPAID:	CAC000721768
Contact:	STATE OF CALIFORNIA
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	P O BOX 23660
Mailing City,St,Zip:	OAKLAND, CA 946230660
Gen County:	Not reported
TSD EPA ID:	CAD981388952
TSD County:	Not reported
Waste Category:	Asbestos containing waste
Disposal Method:	Disposal, Land Fill
Tons:	147.4900
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	1

DRAFT

225 NNW 1/2-1 0.684 mi. 3612 ft. | **EMERY SECONDARY SCHOOL**
4727 SAN PABLO AVE. & 1100 47TH ST.
EMERYVILLE, CA 94608 | **ENVIROSTOR SCH** | **S113186472 N/A**

Relative: Higher

Actual: 37 ft.

ENVIROSTOR:

Facility ID:	60001868
Status:	Certified
Status Date:	03/15/2016
Site Code:	204256
Site Type:	School Cleanup
Site Type Detailed:	School
Acres:	7.7
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Jose Luevano
Supervisor:	Jose Salcedo
Division Branch:	Northern California Schools & Santa Susana
Assembly:	15
Senate:	09
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	37.8361
Longitude:	-122.2829
APN:	013 118202304, 013-1182-005-03, 013-1182-008-04, 013-1182-023-04, 049 118100100, 049 118201508, 049-1181-001, 049-1182-015-08
Past Use:	ABOVE GROUND STORAGE TANKS, DRY CLEANING, ENGINE TESTING/REPAIR, EQUIPMENT/INSTRUMENT REPAIR, FUEL - VEHICLE STORAGE/ REFUELING, LDF, LAUNDRY SERVICES, MACHINE SHOP, MAINTENANCE / CLEANING, RAIL ROAD MAINTENANCE SHOP, RESIDENTIAL AREA, SCHOOL - HIGH SCHOOL, UNDERGROUND STORAGE TANKS, UNKNOWN
Potential COC:	Arsenic Chlordane DDD DDE DDT Lead TPH-diesel TPH-gas TPH-MOTOR OIL
Confirmed COC:	Arsenic Chlordane DDD DDE DDT Lead TPH-diesel TPH-gas TPH-MOTOR OIL
Potential Description:	SOIL, SV
Alias Name:	Emery High School
Alias Type:	Alternate Name
Alias Name:	Emery Middle School Academy
Alias Type:	Alternate Name
Alias Name:	Emeryville Center of Community Life
Alias Type:	Alternate Name
Alias Name:	Emeryville Child Development Center
Alias Type:	Alternate Name
Alias Name:	013 118202304
Alias Type:	APN
Alias Name:	013-1182-005-03
Alias Type:	APN
Alias Name:	013-1182-008-04
Alias Type:	APN
Alias Name:	013-1182-023-04
Alias Type:	APN
Alias Name:	049 118100100
Alias Type:	APN
Alias Name:	049 118201508
Alias Type:	APN
Alias Name:	049-1181-001

DRAFT

EMERY SECONDARY SCHOOL (Continued) **S113186472**

Alias Type: APN
Alias Name: 049-1182-015-08
Alias Type: APN
Alias Name: 204256
Alias Type: Project Code (Site Code)
Alias Name: 60001868
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 03/10/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/14/2013
Comments: Report provided as background info.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 07/15/2013
Comments: DTSC issued conditional approval of Final PEA Workplan (Baseline, July 12, 2013).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 08/07/2013
Comments: On August 7, 2013, DTSC observed the implementation of the approved PEA workplan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Tech Memo
Completed Date: 09/24/2013
Comments: DTSC approves the revised PEA Tech Memo Workplan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 09/26/2013
Comments: PEA Tech Memo implementation. DTSC Project Support Staff (NHutchison) provided XRF assistance for PB screening in soils. Additional sg samples to be coolected Oct 7, 2013.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 02/10/2014
Comments: PEA Approval Letter with Partial Site Approval for ECCL Site

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan

DRAFT

EMERY SECONDARY SCHOOL (Continued) **S113186472**

Completed Date: 05/08/2014
Comments: On May 8, 2014, DTSC approved the RAW for implementation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 03/11/2014
Comments: DTSC finalized the Community Profile Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 03/19/2014
Comments: Site fact sheet finalized.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 03/14/2014
Comments: Public Notice finalized by DTSC. Public notice to run on March 21, 2014. Public comment period will run from March 21 - April 21, 2014.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 11/22/2013
Comments: PEA Report went out for 30-day public comment on 11/22/2013. Public comment period runs from 11/22/2013 through December 22, 2013, with a Public Hearing being held on December 11, 2013, at the Emery Unified School District Office's, 1275 61st Street in Emeryville at 6:00 PM.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Health & Safety Plan
Completed Date: 05/08/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 05/15/2014
Comments: DTSC PM provided fieldwork oversight on seconday of RAW implementation. Work observed was excavation in the methane and VOC impacted area, NE corner of site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 07/10/2014
Comments: DTSC-PM issued conditional approval of the revised RAW Tech Memo for installation of temporary soil vapor probes.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 10/24/2014
Comments: Not reported

DRAFT

EMERY SECONDARY SCHOOL (Continued) **S113186472**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Mitigated Neg. Dec. (MND)
Completed Date: 05/13/2014
Comments: IS/MND Addendum and Responsible Agency Checklist approved by PM and Northern Cal Schools Unit Chief.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 11/07/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 05/13/2014
Comments: Pre-HARP approved by IH and Northern Cal Schools Unit Chief.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 12/24/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/24/2013
Comments: DTSC PM issued Agreement Manager Change 2 letter.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/29/2014
Comments: On April 29, 2014, DTSC issued response to comment letter for all comments received on draft RAW.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 12/22/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: School Cleanup Agreement
Completed Date: 02/28/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 03/01/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE

DRAFT

EMERY SECONDARY SCHOOL (Continued) **S113186472**

Completed Sub Area Name:	Not reported
Completed Document Type:	Correspondence
Completed Date:	08/20/2013
Comments:	Agreement manager change notice sent to District.
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

SCH:

Facility ID:	60001868
Site Type:	School Cleanup
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	7.7
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Jose Luevano
Supervisor:	Jose Salcedo
Division Branch:	Northern California Schools & Santa Susana
Site Code:	204256
Assembly:	15
Senate:	09
Special Program Status:	Not reported
Status:	Certified
Status Date:	03/15/2016
Restricted Use:	NO
Funding:	School District
Latitude:	37.8361
Longitude:	-122.2829
APN:	013 118202304, 013-1182-005-03, 013-1182-008-04, 013-1182-023-04, 049 118100100, 049 118201508, 049-1181-001, 049-1182-015-08
Past Use:	ABOVE GROUND STORAGE TANKS, DRY CLEANING, ENGINE TESTING/REPAIR, EQUIPMENT/INSTRUMENT REPAIR, FUEL - VEHICLE STORAGE/ REFUELING, LDF, LAUNDRY SERVICES, MACHINE SHOP, MAINTENANCE / CLEANING, RAIL ROAD MAINTENANCE SHOP, RESIDENTIAL AREA, SCHOOL - HIGH SCHOOL, UNDERGROUND STORAGE TANKS, UNKNOWN
Potential COC:	Arsenic, Chlordane, DDD, DDE, DDT, Lead, TPH-diesel, TPH-gas, TPH-MOTOR OIL
Confirmed COC:	Arsenic, Chlordane, DDD, DDE, DDT, Lead, TPH-diesel, TPH-gas, TPH-MOTOR OIL
Potential Description:	SOIL, SV
Alias Name:	Emery High School
Alias Type:	Alternate Name
Alias Name:	Emery Middle School Academy
Alias Type:	Alternate Name
Alias Name:	Emeryville Center of Community Life
Alias Type:	Alternate Name

DRAFT

EMERY SECONDARY SCHOOL (Continued) **S113186472**

Alias Name: Emeryville Child Development Center
Alias Type: Alternate Name
Alias Name: 013 118202304
Alias Type: APN
Alias Name: 013-1182-005-03
Alias Type: APN
Alias Name: 013-1182-008-04
Alias Type: APN
Alias Name: 013-1182-023-04
Alias Type: APN
Alias Name: 049 118100100
Alias Type: APN
Alias Name: 049 118201508
Alias Type: APN
Alias Name: 049-1181-001
Alias Type: APN
Alias Name: 049-1182-015-08
Alias Type: APN
Alias Name: 204256
Alias Type: Project Code (Site Code)
Alias Name: 60001868
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 03/10/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/14/2013
Comments: Report provided as background info.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 07/15/2013
Comments: DTSC issued conditional approval of Final PEA Workplan (Baseline, July 12, 2013).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 08/07/2013
Comments: On August 7, 2013, DTSC observed the implementation of the approved PEA workplan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Tech Memo
Completed Date: 09/24/2013
Comments: DTSC approves the revised PEA Tech Memo Workplan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

DRAFT

EMERY SECONDARY SCHOOL (Continued) **S113186472**

Completed Document Type: Fieldwork
Completed Date: 09/26/2013
Comments: PEA Tech Memo implementation. DTSC Project Support Staff (NHutchison) provided XRF assistance for PB screening in soils. Additional sg samples to be coolected Oct 7, 2013.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 02/10/2014
Comments: PEA Approval Letter with Partial Site Approval for ECCL Site

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 05/08/2014
Comments: On May 8, 2014, DTSC approved the RAW for implementation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 03/11/2014
Comments: DTSC finalized the Community Profile Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 03/19/2014
Comments: Site fact sheet finalized.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 03/14/2014
Comments: Public Notice finalized by DTSC. Public notice to run on March 21, 2014. Public comment period will run from March 21 - April 21, 2014.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 11/22/2013
Comments: PEA Report went out for 30-day public comment on 11/22/2013. Public comment period runs from 11/22/2013 through December 22, 2013, with a Public Hearing being held on December 11, 2013, at the Emery Unified School District Office's, 1275 61st Street in Emeryville at 6:00 PM.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Health & Safety Plan
Completed Date: 05/08/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 05/15/2014
Comments: DTSC PM provided fieldwork oversight on seconday of RAW

DRAFT

EMERY SECONDARY SCHOOL (Continued) **S113186472**

implementation. Work observed was excavation in the methane and VOC impacted area, NE corner of site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 07/10/2014
Comments: DTSC-PM issued conditional approval of the revised RAW Tech Memo for installation of temporary soil vapor probes.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 10/24/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Mitigated Neg. Dec. (MND)
Completed Date: 05/13/2014
Comments: IS/MND Addendum and Responsible Agency Checklist approved by PM and Northern Cal Schools Unit Chief.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 11/07/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 05/13/2014
Comments: Pre-HARP approved by IH and Northern Cal Schools Unit Chief.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 12/24/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/24/2013
Comments: DTSC PM issued Agreement Manager Change 2 letter.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/29/2014
Comments: On April 29, 2014, DTSC issued response to comment letter for all comments received on draft RAW.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo

DRAFT

EMERY SECONDARY SCHOOL (Continued) **S113186472**

Completed Date: 12/22/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: School Cleanup Agreement
Completed Date: 02/28/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 03/01/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/20/2013
Comments: Agreement manager change notice sent to District.

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

AZ226
SE
1/2-1
0.685 mi.
3618 ft.

HARRIS DRY CLEANERS
2801 MARTIN LUTHER KING JR. WAY
OAKLAND, CA 94609

SEMS-ARCHIVE
HIST Cal-Sites
Cortese

1000855627
CA0000080309

Site 1 of 2 in cluster AZ

Relative:
Higher

Actual:
35 ft.

SEMS Archive:
Site ID: 904949
EPA ID: CA0000080309
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

SEMS Archive Detail:
Region: 9
Site ID: 904949
EPA ID: CA0000080309
Site Name: HARRIS DRY CLEANERS
NPL: N
FF: N
OU: 0
Action Code: VS
Action Name: ARCH SITE
SEQ: 1
Start Date: Not reported

DRAFT

HARRIS DRY CLEANERS (Continued) **1000855627**

Finish Date:	2013-11-07 00:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

Region:	9
Site ID:	904949
EPA ID:	CA0000080309
Site Name:	HARRIS DRY CLEANERS
NPL:	N
FF:	N
OU:	0
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1993-12-17 00:00:00
Finish Date:	1993-12-17 00:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	9
Site ID:	904949
EPA ID:	CA0000080309
Site Name:	HARRIS DRY CLEANERS
NPL:	N
FF:	N
OU:	0
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1999-08-01 00:00:00
Finish Date:	2000-06-28 00:00:00
Qual:	N
Current Action Lead:	St Perf

Calsite:

Region:	BERKELEY
Facility ID:	01720109
Facility Type:	RP
Type:	RESPONSIBLE PARTY
Branch:	NC
Branch Name:	NORTH COAST
File Name:	HARRIS DRY CLEANERS
State Senate District:	06162000
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:	Controlled
Cortese:	Not reported
Hazardous Ranking Score:	Not reported
Date Site Hazard Ranked:	Not reported
Groundwater Contamination:	Confirmed
Staff Member Responsible for Site:	RSUNGA
Supervisor Responsible for Site:	Not reported

DRAFT

HARRIS DRY CLEANERS (Continued) **1000855627**

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:	01720109
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:	06162000
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	RR
Definition of Status:	REMOVAL ACTION REQUIRED-USED FOR NON-AWP SITES
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:	2801 MARTIN LUTHER KING JR. WAY
Alternate City,St,Zip:	OAKLAND, CA 94609
Background Info:	It is non Federal site and an EPA lead. It will be expanded when more information is available.
Comments Date:	Not reported
Comments:	Not reported
ID Name:	EPA IDENTIFICATION NUMBER
ID Value:	CA 0000080309
ID Name:	CALSTARS CODE
ID Value:	201253
Alternate Name:	HARRIS DRY CLEANERS
Alternate Name:	Not reported
Special Programs Code:	Not reported
Special Programs Name:	Not reported

CORTESE:

Region:	CORTESE
Envirostor Id:	1720109
Site/Facility Type:	STATE RESPONSE
Cleanup Status:	ACTIVE
Status Date:	06/16/2000
Site Code:	201253
Latitude:	37.818128
Longitude:	-122.27166
Owner:	Not reported

DRAFT

HARRIS DRY CLEANERS (Continued) **1000855627**

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

AZ227 **HARRIS DRY CLEANERS** **RESPONSE** **S113468742**
SE **2801 MARTIN LUTHER KING JR. WAY** **ENVIROSTOR** **N/A**
1/2-1 **OAKLAND, CA 94609** **LIENS**
0.685 mi. **HAZNET**
3618 ft. **Site 2 of 2 in cluster AZ** **CERS**

Relative:
Higher

Actual:
35 ft.

RESPONSE:

Facility ID:	1720109
Site Type:	State Response
Site Type Detail:	State Response or NPL
Acres:	0.3
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP, RWQCB 2 - San Francisco Bay, US EPA
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Henry Wong
Supervisor:	Janet Naito
Division Branch:	Cleanup Berkeley
Site Code:	201253
Site Mgmt. Req.:	NONE SPECIFIED
Assembly:	18
Senate:	09
Special Program Status:	Not reported
Status:	Active
Status Date:	06/16/2000
Restricted Use:	NO
Funding:	Orphan Funds
Latitude:	37.81812
Longitude:	-122.2716
APN:	009 069500600, 009-0695-006-00
Past Use:	DRY CLEANING
Potential COC :	Tetrachloroethylene (PCE TPH-gas Trichloroethylene (TCE
Confirmed COC:	Tetrachloroethylene (PCE 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

DRAFT

HARRIS DRY CLEANERS (Continued) **S113468742**

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: 1720109
Status: Active
Status Date: 06/16/2000
Site Code: 201253
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 0.3
NPL: NO
Regulatory Agencies: SMBRP, RWQCB 2 - San Francisco Bay, US EPA
Lead Agency: SMBRP
Program Manager: Henry Wong
Supervisor: Janet Naito
Division Branch: Cleanup Berkeley
Assembly: 18
Senate: 09
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Orphan Funds
Latitude: 37.81812
Longitude: -122.2716
APN: 009 069500600, 009-0695-006-00
Past Use: DRY CLEANING
Potential COC: Tetrachloroethylene (PCE TPH-gas Trichloroethylene (TCE
Confirmed COC: Tetrachloroethylene (PCE 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

LIENS:
Envirostor Id: 1720109
Latitude: 37.818128

DRAFT

HARRIS DRY CLEANERS (Continued) **S113468742**

Longitude:	-122.27166
Project Mgr:	HENRY WONG
Project Code:	201253
If Satisfied:	NO
Date Satisfied:	Not reported
Site Status:	ACTIVE
Site Type:	STATE RESPONSE OR NPL
Completed:	12/11/2013
Lien Amount:	$467,718.11
Amount Remaining:	Not reported
APNS:	009 069500600, 009-0695-006-00
Description:	This site is currently occupied by two buildings and a garage. One building, a two-story fourplex, was used as apartments. The other building is three-stories, with three commercial units on the ground floor and apartments on the upper floors. Harris Dry Cleaners and later Telegraph Dry Cleaners operated in a ground floor commercial unit. Dates of operation and site occupancy for the dry cleaning operations are unknown, but all dry cleaning operations on-site ceased in 1996.

HAZNET:

envid:	S113468742
Year:	2014
GEPAID:	CAR000204156
Contact:	JAYANTHA RANDENI
Telephone:	5105403806
Mailing Name:	Not reported
Mailing Address:	700 HEINZ AVE
Mailing City,St,Zip:	BERKELEY, CA 947100000
Gen County:	Alameda
TSD EPA ID:	CAT080013352
TSD County:	Los Angeles
Waste Category:	Aqueous solution with total organic residues less than 10 percent
Disposal Method:	Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.063
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Alameda

envid:	S113468742
Year:	2012
GEPAID:	CAR000204156
Contact:	JAYANTHA RANDENI
Telephone:	5105403806
Mailing Name:	Not reported
Mailing Address:	700 HEINZ AVE
Mailing City,St,Zip:	BERKELEY, CA 947100000
Gen County:	Alameda
TSD EPA ID:	CAT080013352
TSD County:	Los Angeles
Waste Category:	Not reported
Disposal Method:	Fuel Blending Prior To Energy Recovery At Another Site
Tons:	1.512
Cat Decode:	Not reported
Method Decode:	Not reported
Facility County:	Alameda

DRAFT

HARRIS DRY CLEANERS (Continued) **S113468742**

envid: S113468742
Year: 2012
GEPAID: CAR000204156
Contact: JAYANTHA RANDENI
Telephone: 5105403806
Mailing Name: Not reported
Mailing Address: 700 HEINZ AVE
Mailing City,St,Zip: BERKELEY, CA 947100000
Gen County: Alameda
TSD EPA ID: NVT330010000
TSD County: 99
Waste Category: Not reported
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 1.05
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

envid: S113468742
Year: 2010
GEPAID: CAR000204156
Contact: JAYANTHA RANDENI
Telephone: 5105403806
Mailing Name: Not reported
Mailing Address: 700 HEINZ AVE
Mailing City,St,Zip: BERKELEY, CA 947100000
Gen County: Not reported
TSD EPA ID: NVT330010000
TSD County: Not reported
Waste Category: Other inorganic solid waste
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 2.25
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

envid: S113468742
Year: 2010
GEPAID: CAR000204156
Contact: JAYANTHA RANDENI
Telephone: 5105403806
Mailing Name: Not reported
Mailing Address: 700 HEINZ AVE
Mailing City,St,Zip: BERKELEY, CA 947100000
Gen County: Not reported
TSD EPA ID: NVT330010000
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 1.155
Cat Decode: Not reported
Method Decode: Not reported
Facility County: Alameda

DRAFT

HARRIS DRY CLEANERS (Continued) **S113468742**

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

CERS TANKS:

Site ID:	338140
CERS ID:	01720109
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
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

228
WSW
1/2-1
0.688 mi.
3632 ft.

RUSS ELLIOT, INC.
2526 WOOD STREET
OAKLAND, CA 94607

ENVIROSTOR **S118757103**
N/A

Relative:
Lower

Actual:
10 ft.

ENVIROSTOR:

Facility ID:	60000363
Status:	No Action Required
Status Date:	02/08/2007
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	1.12
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Allan Fone
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:	37.82112
Longitude:	-122.2906

DRAFT

RUSS ELLIOT, INC. (Continued) **S118757103**

APN: 007-0580-001-01, 7-580-1-1
Past Use: FUEL - VEHICLE STORAGE/ REFUELING
Potential COC: Methyl tertbutyl ether (MTBE
Confirmed COC: Methyl tertbutyl ether (MTBE
Potential Description: OTH
Alias Name: 007-0580-001-01
Alias Type: APN
Alias Name: 7-580-1-1
Alias Type: APN
Alias Name: 60000363
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/12/2007
Comments: Information requests prepared 8/7/06, reviewed and finalized; to be sent to current property owner and current operator.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 02/08/2007
Comments: EPA approval on 2/8/07. Recommendation was no further action for remediation lead (state or federal); not forwarded to triage. [County overseeing groundwater monitoring subsequent to cleanup of soil contaminated with petroleum products.]

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 09/12/2006
Comments: Roofing company is no longer at the site. Site is now occupied by Berkeley Repertory Scenery Shop.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

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229 SSW 1/2-1 0.689 mi. 3636 ft. **NED CLYDE CONSTRUCTION YARD** **Notify 65** **S100178915**
2311 ADELINE STREET **N/A**
OAKLAND, CA 92626

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

DRAFT

NED CLYDE CONSTRUCTION YARD (Continued) **S100178915**

Issue Date: Not reported
Incident Description: Not reported

---

230 WNW 1/2-1 0.700 mi. 3697 ft. **CYPRESS FREEWAY/BIKEWAY PROJECT MARITIME TO SHELLMOUND STREET EMERYVILLE, CA 94608** **ENVIROSTOR VCP DEED** **S116165228 N/A**

Relative: Lower
Actual: 8 ft.

ENVIROSTOR:
Facility ID: 1410119
Status: Certified O&M - Land Use Restrictions Only
Status Date: 05/16/2016
Site Code: 900240
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 4
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: 37.82833
Longitude: -122.2925
APN: NONE SPECIFIED
Past Use: VEHICLE MAINTENANCE
Potential COC: * CONTAMINATED SOIL Lead TPH-diesel TPH-MOTOR OIL
Confirmed COC: Lead * CONTAMINATED SOIL TPH-diesel 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: 1410119

DRAFT

CYPRESS FREEWAY/BIKEWAY PROJECT (Continued) **S116165228**

Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 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: 900240
Assembly: 18
Senate: 09
Special Programs Code: Voluntary Cleanup Program
Status: Certified O&M - Land Use Restrictions Only
Status Date: 05/16/2016
Restricted Use: YES
Funding: Responsible Party
Lat/Long: 37.82833 / -122.2925
APN: NONE SPECIFIED
Past Use: VEHICLE MAINTENANCE
Potential COC: 10097, 30013, 30024, 3002502
Confirmed COC: 30013,10097,30024,3002502
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

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: 1410119
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): 03/07/2016
File Name: Envirostor Land Use Restrictions

DRAFT

231
NW
1/2-1
0.702 mi.
3704 ft.

UNKNOWN
4549 HORTON STREET
EMERYVILLE, CA 92633

Notify 65 **S100178876**
N/A

Relative:
Lower

Actual:
15 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

232
North
1/2-1
0.726 mi.
3832 ft.

48TH STREET COMMUNITY GARDEN
1042 48TH STREET
EMERYVILLE, CA 94608

ENVIROSTOR **S111022972**
VCP **N/A**

Relative:
Higher

Actual:
43 ft.

ENVIROSTOR:

Facility ID:	60001474
Status:	Refer: Other Agency
Status Date:	05/17/2011
Site Code:	Not reported
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	0.08
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Karen Toth
Division Branch:	Cleanup Berkeley
Assembly:	15
Senate:	09
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	EPA Grant
Latitude:	37.83710
Longitude:	-122.2791
APN:	NONE SPECIFIED
Past Use:	RESIDENTIAL AREA
Potential COC:	Lead
Confirmed COC:	Lead
Potential Description:	SOIL
Alias Name:	60001474
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Workplan
Completed Date:	06/14/2011
Comments:	Soil Contaminated with lead is proposed to be removed to residential standards so that a Community Garden can be created.
Completed Area Name:	PROJECT WIDE

DRAFT

48TH STREET COMMUNITY GARDEN (Continued) **S111022972**

Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 07/15/2011
Comments: City of Emeryville Fact Sheet for Draft Cleanup Plan

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 03/05/2013
Comments: Soils above unrestricted levels were excavated and disposed offsite. A total of 295.58 tons of non-RCRA hazardous waste were transported to Clean Harbors Buttonwillow facility for disposal between September 10 and 12, 2012. 201.54 tons of non-hazardous soil were disposed at Keller Canyon between September 12 and 13, 2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: No Further Action Letter
Completed Date: 03/05/2013
Comments: DTSC concurred that no further action was needed for soils.

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: 60001474
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: 0.08
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: Not reported
Assembly: 15
Senate: 09
Special Programs Code: Not reported
Status: Refer: Other Agency
Status Date: 05/17/2011
Restricted Use: NO
Funding: EPA Grant
Lat/Long: 37.83710 / -122.2791
APN: NONE SPECIFIED
Past Use: RESIDENTIAL AREA
Potential COC: 30013
Confirmed COC: 30013

DRAFT

48TH STREET COMMUNITY GARDEN (Continued) **S111022972**

Potential Description: SOIL
Alias Name: 60001474
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 06/14/2011
Comments: Soil Contaminated with lead is proposed to be removed to residential standards so that a Community Garden can be created.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 07/15/2011
Comments: City of Emeryville Fact Sheet for Draft Cleanup Plan

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 03/05/2013
Comments: Soils above unrestricted levels were excavated and disposed offsite. A total of 295.58 tons of non-RCRA hazardous waste were transported to Clean Harbors Buttonwillow facility for disposal between September 10 and 12, 2012. 201.54 tons of non-hazardous soil were disposed at Keller Canyon between September 12 and 13, 2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: No Further Action Letter
Completed Date: 03/05/2013
Comments: DTSC concurred that no further action was needed for soils.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

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233 NW 1/2-1 0.733 mi. 3868 ft. | **SOUTHERN PACIFIC RIGHT-OF-WAY EMERYVILLE WEST OF 4525 HOLLIS STREET EMERYVILLE, CA 94608** | **HIST Cal-Sites** | **S102008216 N/A**

Relative: Lower
Actual: 17 ft.

Calsite:
Region: BERKELEY
Facility ID: 01400002
Facility Type: RP
Type: RESPONSIBLE PARTY
Branch: NC
Branch Name: NORTH COAST
File Name: Not reported

DRAFT

SOUTHERN PACIFIC RIGHT-OF-WAY EMERYVILLE (Continued) **S102008216**

State Senate District:	04112002
Status:	REMOVAL ACTION REQUIRED
Status Name:	REMOVAL ACTION REQUIRED-USED FOR NON-AWP SITES
Lead Agency:	DEPT OF TOXIC SUBSTANCES CONTROL
NPL:	Not Listed
SIC Code:	40
SIC Name:	RAILROAD TRANSPORTATION
Access:	Uncontrolled
Cortese:	Not reported
Hazardous Ranking Score:	Not reported
Date Site Hazard Ranked:	Not reported
Groundwater Contamination:	Not reported
Staff Member Responsible for Site:	CJEMISON
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:	APPROXIMATE EXCAVATION AREA LOCATION
State Assembly District Code:	16
State Senate District Code:	09
Facility ID:	01400002
Activity:	SS
Activity Name:	SITE SCREENING
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	10151989
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	RR
Definition of Status:	REMOVAL ACTION REQUIRED-USED FOR NON-AWP SITES
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:	01400002
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:	04112002
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported

DRAFT

SOUTHERN PACIFIC RIGHT-OF-WAY EMERYVILLE (Continued) **S102008216**

Activity Status:	RR
Definition of Status:	REMOVAL ACTION REQUIRED-USED FOR NON-AWP SITES
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:	WEST OF 4525 HOLLIS STREET
Alternate City,St,Zip:	EMERYVILLE, CA 94608
Background Info:	The Site is located immediately adjacent to Pacific Gas and Electric Company's (PG&E) Materials Distribution Center. The Materials Distribution Center has served as a warehouse, repair shop, and storage yard since the early 1920's for equipment used by PG&E's substations and electrical distribution network. In the past, fluids in transformers and capacitors contained polychlorinated biphenyls (PCBs). The Site is currently owned by Chiron Corporation and Wareham Development. Chiron operates a research and development facility and the area where residual PCB-contaminated soil may be present is paved. Wareham Development has a parking lot on its property that it leases to Chiron. DTSC is currently evaluating whether land use restrictions on the area where residual contamination may be present are required.
Comments Date:	04112002
Comments:	Completed PEA (PA/SI). In the early 1980s PG&E began performing
Comments Date:	04112002
Comments:	soil and groundwater investigations at the Materials
Comments Date:	04112002
Comments:	Distribution Center. Lead and PCBs were detected in soils at
Comments Date:	04112002
Comments:	elevated levels. Further investigations performed by PG&E
Comments Date:	04112002
Comments:	revealed that the extent of PCB contamination included the
Comments Date:	04112002
Comments:	adjacent Southern Pacific (SP) Right-of-Way. Phase I and Phase
Comments Date:	04112002
Comments:	II Assessments were conducted by a prospective purchaser in
Comments Date:	04112002
Comments:	1989. Samples were tested for PCBs, total extractable
Comments Date:	04112002
Comments:	hydrocarbons, total oil and grease, metals, and volatile and
Comments Date:	04112002
Comments:	extractable organics. Based on the soil sample analyses, the
Comments Date:	04112002
Comments:	Site was divided into two sections with different areas of
Comments Date:	04112002
Comments:	concern: a section south of 53rd Street with isolated oil
Comments Date:	04112002
Comments:	spills, and a section from just south of 53rd Street northward
Comments Date:	04112002
Comments:	to Stanford Avenue with varying levels of PCB contamination.

DRAFT

SOUTHERN PACIFIC RIGHT-OF-WAY EMERYVILLE (Continued) **S102008216**

Comments Date: 04112002
Comments: PCBs were detected at concentrations up to 300 ppm at a depth of
Comments Date: 04112002
Comments: 0-0.5 feet bgs. SP collected additional samples to determine
Comments Date: 04112002
Comments: what impacts had occurred on their property and found PCBs above
Comments Date: 04112002
Comments: 50 ppm, with the maximum detected concentration of 1,400 ppm at
Comments Date: 04112002
Comments: a depth of six inches. SP performed a soil removal and intended
Comments Date: 04112002
Comments: to remove all soil with PCB concentrations above 50 ppm.
Comments Date: 04112002
Comments: However, post-excavation sampling results indicated there were
Comments Date: 04112002
Comments: residual PCBs in soil as high as 300 ppm.
ID Name: Not reported
ID Value: Not reported
Alternate Name: SOUTHERN PACIFIC RIGHT-OF-WAY EMERYVILLE
Alternate Name: Not reported
Special Programs Code: Not reported
Special Programs Name: Not reported

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234 SSE 1/2-1 0.740 mi. 3908 ft. | **CHRIS AND GEORGE'S AUTO REPAIR** | **ENVIROSTOR** | **S102810340**
2520 WEST STREET | **N/A**
OAKLAND, CA 94607

Relative: Lower
Actual: 25 ft.

ENVIROSTOR:
Facility ID: 60000362
Status: Refer: Local Agency
Status Date: 03/27/2007
Site Code: Not reported
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 0.07
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: EPA - PASI
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: EPA Grant
Latitude: 37.81584
Longitude: -122.2744
APN: 8-678-25
Past Use: VEHICLE MAINTENANCE
Potential COC: Under Investigation
Confirmed COC: Under Investigation
Potential Description: NMA
Alias Name: 8-678-25
Alias Type: APN

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CHRIS AND GEORGE'S AUTO REPAIR (Continued) **S102810340**

Alias Name: 60000362
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: Referred to other agency. No indication of releases. Hazardous materials are stored onsite and are regulated by the City of Oakland.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

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235 SSW 1/2-1 0.747 mi. 3944 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

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COMMERCIAL BUILDINGS (Continued) **S105861003**

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
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

DRAFT

COMMERCIAL BUILDINGS (Continued) **S105861003**

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
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

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COMMERCIAL BUILDINGS (Continued) **S105861003**

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
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

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COMMERCIAL BUILDINGS (Continued) **S105861003**

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
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

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COMMERCIAL BUILDINGS (Continued) **S105861003**

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
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

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COMMERCIAL BUILDINGS (Continued) **S105861003**

	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
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

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COMMERCIAL BUILDINGS (Continued) **S105861003**

Affiliation Zip: Not reported
Affiliation Phone: Not reported

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236 WSW 1/2-1 0.750 mi. 3962 ft.

Relative: Lower

Actual: 10 ft.

SOUTHERN PACIFIC - DESERT RAILYARD
CYPRESS CORRIDOR
OAKLAND, CA 94607

RESPONSE **S101272671**
ENVIROSTOR **N/A**
HIST Cal-Sites
DEED
Cortese
HIST CORTESE

AWP:

AWP Facility ID:	01400009
Region Code:	2
Region:	BERKELEY
SMBR Branch Code:	NC
SMBR Branch Unit:	NORTH COAST
Site Name.:	SOUTHERN PACIFIC DESERT RAILYARD
Current Status Date:	06301993
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:	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:	1400009
Site Type:	State Response
Site Type Detail:	State Response or NPL
Acres:	48
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

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SOUTHERN PACIFIC - DESERT RAILYARD (Continued) **S101272671**

Site Code:	200486
Site Mgmt. Req.:	NONE SPECIFIED
Assembly:	18
Senate:	09
Special Program Status:	Not reported
Status:	Certified O&M - Land Use Restrictions Only
Status Date:	05/28/2009
Restricted Use:	YES
Funding:	Responsible Party
Latitude:	37.82174
Longitude:	-122.2926
APN:	NONE SPECIFIED
Past Use:	RAIL ROAD MAINTENANCE SHOP
Potential COC :	Lead Polynuclear aromatic hydrocarbons (PAHs TPH-MOTOR OIL Trichloroethylene (TCE 1,2-Dichloroethylene (cis
Confirmed COC:	Polynuclear aromatic hydrocarbons (PAHs Trichloroethylene (TCE 1,2-Dichloroethylene (cis 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
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:	1400009
Status:	Certified O&M - Land Use Restrictions Only
Status Date:	05/28/2009
Site Code:	200486
Site Type:	State Response
Site Type Detailed:	State Response or NPL
Acres:	48
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

DRAFT

SOUTHERN PACIFIC - DESERT RAILYARD (Continued) **S101272671**

Funding: Responsible Party
Latitude: 37.82174
Longitude: -122.2926
APN: NONE SPECIFIED
Past Use: RAIL ROAD MAINTENANCE SHOP
Potential COC: Lead Polynuclear aromatic hydrocarbons (PAHs TPH-MOTOR OIL Trichloroethylene (TCE 1,2-Dichloroethylene (cis
Confirmed COC: Polynuclear aromatic hydrocarbons (PAHs Trichloroethylene (TCE 1,2-Dichloroethylene (cis 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
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: 01400009
Facility Type: RP
Type: RESPONSIBLE PARTY
Branch: NC
Branch Name: NORTH COAST
File Name: SOUTHERN PACIFIC DESERT RAILYARD
State Senate District: 06301993
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

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SOUTHERN PACIFIC - DESERT RAILYARD (Continued) **S101272671**

Lat/Long Description:	Not reported
State Assembly District Code:	16
State Senate District Code:	09
Facility ID:	01400009
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
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01400009
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:	01400009
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	07022005

DRAFT

SOUTHERN PACIFIC - DESERT RAILYARD (Continued) **S101272671**

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:	01400009
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:	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:	01400009
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

DRAFT

SOUTHERN PACIFIC - DESERT RAILYARD (Continued) **S101272671**

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:	01400009
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
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:	01400009
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

DRAFT

SOUTHERN PACIFIC - DESERT RAILYARD (Continued) **S101272671**

Alternate Address: CYPRESS CORRIDOR
Alternate City,St,Zip: OAKLAND, CA 94607
Background Info: Site has been used as a railyard for approximately 90 years. Petroleum hydrocarbons and metals have been detected along the rail lines. An Imminent or Substantial Endangerment order was issued in June 1994 to Southern Pacific. In October 1997, the Remedial Investigation Report was approved. Investigations mainly detected high boiling petroleum hydrocarbons (JB oil, motor oil or oil and grease) in the soil (fill material). Other chemicals such as lead, volatile organic compounds, polycyclic aromatic hydrocarbons, and pesticides were detected in isolated area of the Site at low concentrations. Chemicals detected in the groundwater included cis-1,2-dichloroethene and trichloroethene in isolated area.
Comments Date: 03201998
Comments: Approved RAW which required that a Deed Restriction be recorded
Comments Date: 03201998
Comments: for the entire site and asphalt capping of the Southern Elevated
Comments Date: 03201998
Comments: portion of the site. The deed restrictions for the three
Comments Date: 03201998
Comments: sections of the Site would prohibit residential, day care
Comments Date: 03201998
Comments: schools, and hospitals on the property.
Comments Date: 06201994
Comments: Issued I or SE Order.
Comments Date: 10101997
Comments: Approved RIFS. 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, polycyclic aromatic hydrocarbons,
Comments Date: 10101997
Comments: and pesticides were detected in isolated 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.
Comments Date: 10101997
Comments: The Site was divided into three sections (Northern Elevated,
Comments Date: 10101997
Comments: at-grade and Southern Elevated) during the investigation.
ID Name: EPA IDENTIFICATION NUMBER
ID Value: CAD000628198
ID Name: CALSTARS CODE
ID Value: 200486
Alternate Name: SOUTHERN PACIFIC - DESERT RAILYARD
Alternate Name: CYPRESS RECONSTRUCTION
Alternate Name: SOUTHERN PACIFIC DESERT RAILYARD
Alternate Name: Not reported
Special Programs Code: Not reported
Special Programs Name: Not reported

DEED:
Envirostor ID: 1400009

DRAFT

SOUTHERN PACIFIC - DESERT RAILYARD (Continued) **S101272671**

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): 03/13/2009
File Name: Envirostor Land Use Restrictions

CORTESE:

Region:	CORTESE
Envirostor Id:	1400009
Site/Facility Type:	STATE RESPONSE
Cleanup Status:	CERTIFIED O&M - LAND USE RESTRICTIONS ONLY - LAND USE RESTRICTIONS
Status Date:	05/28/2009
Site Code:	200486
Latitude:	37.821749
Longitude:	-122.29265
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

HIST CORTESE:

Region:	CORTESE
Facility County Code:	1
Reg By:	CALSI
Reg Id:	01400009

Region:	CORTESE
Facility County Code:	1
Reg By:	CALSI
Reg Id:	01400010

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237 **MOSTLY MUSTANGS** **LUST** **S100226828**
SSE **2576 MARTIN LUTHER KING JR** **Alameda County CS** **N/A**
1/2-1 **OAKLAND, CA 94612** **HIST CORTESE**
0.789 mi. **Notify 65**
4164 ft. **CERS**

Relative:
Lower

Actual:
30 ft.

LUST:

Lead Agency:	ALAMEDA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100942
Global Id:	T0600100942
Latitude:	37.816128
Longitude:	-122.271556
Status:	Completed - Case Closed
Status Date:	03/24/1997

DRAFT

MOSTLY MUSTANGS (Continued) **S100226828**

Case Worker: Not reported
RB Case Number: 01-1021
Local Agency: Not reported
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: RO0001596
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

LUST:
Global Id: T0600100942
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: T0600100942
Action Type: REMEDIATION
Date: 09/09/9999
Action: Not reported

Global Id: T0600100942
Action Type: Other
Date: 08/11/1989
Action: Leak Reported

Global Id: T0600100942
Action Type: ENFORCEMENT
Date: 11/07/1995
Action: * Historical Enforcement - #UNK

LUST:
Global Id: T0600100942
Status: Open - Case Begin Date
Status Date: 08/11/1989

Global Id: T0600100942
Status: Completed - Case Closed
Status Date: 03/24/1997

LUST REG 2:
Region: 2
Facility Id: 01-1021
Facility Status: Case Closed
Case Number: 1089
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: 3/12/1992
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported

DRAFT

MOSTLY MUSTANGS (Continued) **S100226828**

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

Alameda County CS:
Status: Case Closed
Record Id: RO0001596
PE: 5602
Facility Status: Case Closed
Latitude: 37.816012644
Longitude: -122.2717111

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-1021

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: 217787
CERS ID: T0600100942
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

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238 WSW 1/2-1 0.791 mi. 4178 ft. **ARMY-NAVY DISTRIBUTING CENTER** **FUDS** **1007211908**
N/A
OAKLAND, CA

Relative: Lower
Actual: 10 ft.

FUDS:
EPA Region: 09
Congressional District: 13
FUDS Number: J09CA0753

DRAFT

ARMY-NAVY DISTRIBUTING CENTER (Continued) **1007211908**

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

239
ENE
1/2-1
0.802 mi.
4236 ft.

SHELL STATION
500 40TH STREET
OAKLAND, CA 92626

Notify 65 **S100179123**
N/A

Relative:
Higher

Actual:
85 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

DRAFT

BA240 SW 1/2-1 0.820 mi. 4331 ft. | **MANDELA GRAND**
MANDELA PARKWAY AND WEST GRAND
OAKLAND, CA 94607 | **ENVIROSTOR VCP** | **S108195929 N/A**

Site 1 of 2 in cluster BA

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
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

DRAFT

MANDELA GRAND (Continued) **S108195929**

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
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

DRAFT

MANDELA GRAND (Continued) **S108195929**

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

BA241 **MANDELA PARKWAY CORRIDOR** **ENVIROSTOR** **S116165227**
SW **MANDELA PARKWAY BETWEEN 34TH AND 8TH STS** **VCP** **N/A**
1/2-1 **OAKLAND, CA 94607**
0.830 mi.
4381 ft. **Site 2 of 2 in cluster BA**

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

DRAFT

MANDELA PARKWAY CORRIDOR (Continued) **S116165227**

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
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

DRAFT

MANDELA PARKWAY CORRIDOR (Continued) **S116165227**

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

BB242
WNW
1/2-1
0.833 mi.
4399 ft.

Relative:
Lower

Actual:
11 ft.

EMERYVILLE - OPEN TOP RECONDIT
4500 SHELLMOUND ST
EMERYVILLE, CA 94608

Site 1 of 3 in cluster BB

RESPONSE **S101624422**
ENVIROSTOR **N/A**
CPS-SLIC
SWEEPS UST
HIST UST
CA FID UST
DEED
Cortese
EMI
HIST CORTESE
CERS

RESPONSE:
Facility ID: 1340110
Site Type: State Response
Site Type Detail: State Response or NPL
Acres: 5.0
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Tom Price
Supervisor: Karen Toth
Division Branch: Cleanup Berkeley
Site Code: 200144
Site Mgmt. Req.: DAY, ELD, HOS, MON, GW, NOWN, EXT, SCH, FOOD, COV
Assembly: 15
Senate: 09
Special Program Status: Not reported
Status: Certified / Operation & Maintenance
Status Date: 05/11/2001
Restricted Use: YES
Funding: Responsible Party
Latitude: 37.83300
Longitude: -122.2926
APN: 049 103900300, 049-1038-002, 049-1038-003
Past Use: RECYCLING - DRUM
Potential COC : Arsenic Asbestos Containing Materials (ACM Lead Polychlorinated biphenyls (PCBs
Confirmed COC: Asbestos Containing Materials (ACM Polychlorinated biphenyls (PCBs

DRAFT

EMERYVILLE - OPEN TOP RECONDIT (Continued) **S101624422**

Arsenic Lead
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: 1340110
Status: Certified / Operation & Maintenance
Status Date: 05/11/2001
Site Code: 200144
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 5.0
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Tom Price
Supervisor: Karen Toth
Division Branch: Cleanup Berkeley
Assembly: 15
Senate: 09
Special Program: Not reported
Restricted Use: YES
Site Mgmt Req: DAY, ELD, HOS, MON, GW, NOWN, EXT, SCH, FOOD, COV
Funding: Responsible Party
Latitude: 37.83300
Longitude: -122.2926
APN: 049 103900300, 049-1038-002, 049-1038-003
Past Use: RECYCLING - DRUM
Potential COC: Arsenic Asbestos Containing Materials (ACM Lead Polychlorinated biphenyls (PCBs
Confirmed COC: Asbestos Containing Materials (ACM Polychlorinated biphenyls (PCBs Arsenic Lead
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

DRAFT

EMERYVILLE - OPEN TOP RECONDIT (Continued) **S101624422**

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:	**Open - Inactive**
Status Date:	11/12/2015
Global Id:	T10000007963
Lead Agency:	DEPARTMENT OF TOXIC SUBSTANCES CONTROL
Lead Agency Case Number:	Not reported
Latitude:	37.83253
Longitude:	-122.29314
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	Not reported
File Location:	Regional Board
Potential Media Affected:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Dichloroethene (DCE), Other Chlorinated Hydrocarbons, Tetrachloroethylene (PCE), Trichloroethylene (TCE), DDD / DDE / DDT, Other Insecticides / Pesticide / Fumigants / Herbicides, Arsenic, Copper, Lead, Mercury (elemental), Nickel, Other Metal, Silver, Zinc, Benzene, Ethylbenzene, Toluene
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

SWEEPS UST:

Status:	Not reported
Comp Number:	41769
Number:	Not reported
Board Of Equalization:	44-000409
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	01-000-041769-000001
Tank Status:	Not reported
Capacity:	3500
Active Date:	Not reported
Tank Use:	UNKNOWN
STG:	WASTE
Content:	Not reported
Number Of Tanks:	1

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EMERYVILLE - OPEN TOP RECONDIT (Continued) **S101624422**

HIST UST:

File Number:	00036193
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00036193.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:	01002183
Regulated By:	UTNKI
Regulated ID:	00041769
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	Not reported
Mail To:	Not reported
Mailing Address:	P O BOX
Mailing Address 2:	Not reported
Mailing City,St,Zip:	EMERYVILLE 94608
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

DEED:

Envirostor ID:	1340110
Area:	PROJECT WIDE

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EMERYVILLE - OPEN TOP RECONDIT (Continued) **S101624422**

Sub Area: Not reported
Site Type: STATE RESPONSE
Status: CERTIFIED / OPERATION & MAINTENANCE
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 07/26/2000
File Name: Envirostor Land Use Restrictions

CORTESE:

Region:	CORTESE
Envirostor Id:	1340110
Site/Facility Type:	STATE RESPONSE
Cleanup Status:	CERTIFIED / OPERATION & MAINTENANCE - LAND USE RESTRICTIONS
Status Date:	05/11/2001
Site Code:	200144
Latitude:	37.833008
Longitude:	-122.29268
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:	1987
County Code:	1
Air Basin:	SF
Facility ID:	1763
Air District Name:	BA
SIC Code:	3411
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:	68
Reactive Organic Gases Tons/Yr:	66
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	2
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

HIST CORTESE:

Region:	CORTESE
Facility County Code:	1
Reg By:	CALSI
Reg Id:	01340110

CERS TANKS:

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EMERYVILLE - OPEN TOP RECONDIT (Continued) **S101624422**

Site ID: 360673
CERS ID: T10000007963
CERS Description: Cleanup Program Site

BB243
WNW
1/2-1
0.833 mi.
4399 ft.

MYERS DRUM - EMERYVILLE
4500 SHELLMOUND STREET
EMERYVILLE, CA 94608

HIST Cal-Sites **S101272665**
N/A

Site 2 of 3 in cluster BB

Relative:
Lower

Actual:
11 ft.

Calsite:

Region:	BERKELEY
Facility ID:	01340110
Facility Type:	RP
Type:	RESPONSIBLE PARTY
Branch:	NC
Branch Name:	NORTH COAST
File Name:	Not reported
State Senate District:	05112001
Status:	CERTIFIED OPERATION AND MAINTENANCE, ALL PLANNED ACTIVITIES IMPLEMENTED, REMEDIATION CONTINUES
Status Name:	CERTIFIED / OPERATION & MAINTENANCE
Lead Agency:	DEPT OF TOXIC SUBSTANCES CONTROL
NPL:	Not Listed
SIC Code:	34
SIC Name:	MANU - FABRICATED METAL PRODUCTS
Access:	Controlled
Cortese:	Not reported
Hazardous Ranking Score:	Not reported
Date Site Hazard Ranked:	Not reported
Groundwater Contamination:	Suspected
Staff Member Responsible for Site:	TPARK
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:	14
State Senate District Code:	09
Facility ID:	01340110
Activity:	DISC
Activity Name:	DISCOVERY
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	03171988
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported

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MYERS DRUM - EMERYVILLE (Continued) **S101272665**

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:	01340110
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:	06281991
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
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:	01340110
Activity:	RA
Activity Name:	REMOVAL ACTION
AWP Code:	SUMPS
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	09301991
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals):	30
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	REMOVAL OF ALL CHEMICAL & CAUSTIC LIQUID & SLUDGE.
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01340110
Activity:	COST

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MYERS DRUM - EMERYVILLE (Continued) **S101272665**

Activity Name:	COST RECOVERY
AWP Code:	SETTL
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	09271991
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
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:	01340110
Activity:	PPP
Activity Name:	PUBLIC PARTICIPATION PLAN
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	12121991
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
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:	01340110
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:	04281995
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported

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MYERS DRUM - EMERYVILLE (Continued) **S101272665**

Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
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:	01340110
Activity:	RAP
Activity Name:	REMEDIAL ACTION PLAN / RECORD OF DECISION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	06241996
Est Person-Yrs to complete:	0.10000
Estimated Size:	M
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
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:	01340110
Activity:	RIFS
Activity Name:	REMEDIAL INVESTIGATION / FEASIBILITY STUDY
AWP Code:	AMEND
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	04081996
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
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

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MYERS DRUM - EMERYVILLE (Continued) **S101272665**

For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01340110
Activity:	RMDL
Activity Name:	REMEDIAL ACTION (RAP REQUIRED)
AWP Code:	PHA 1
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	11301998
Est Person-Yrs to complete:	0
Estimated Size:	M
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals):	5317
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	X
Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	16 WELLS WERE DECOMMISSIONED. IN ADDITION 5317 CUBIC YARDS OFCONTAMINATED SOILS WAS EXCAVATED AND BACKFILLED WITH CLEAN SOIL.
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01340110
Activity:	CERT
Activity Name:	CERTIFICATION
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	05112001
Est Person-Yrs to complete:	0
Estimated Size:	M
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
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:	01340110
Activity:	CEQA
Activity Name:	CEQA INCLUDING NEGATIVE DECS
AWP Code:	NEG'D

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MYERS DRUM - EMERYVILLE (Continued) **S101272665**

Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	06211996
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
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:	01340110
Activity:	DES
Activity Name:	DESIGN
AWP Code:	DEMOL
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	10251996
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
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:	01340110
Activity:	RMDL
Activity Name:	REMEDIAL ACTION (RAP REQUIRED)
AWP Code:	DEMOL
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	06251997
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE

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MYERS DRUM - EMERYVILLE (Continued) **S101272665**

Liquids Removed (Gals):	90
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	APPROXIMATELY 15 CUBIC YARDS OF ASBESTOS MATERIAL AND 70 TONS OFBUILDING MATERIAL WERE REMOVED AND PROPERLY DISPOSED. APPROXIMATELY85 TONS OF METAL SCRAP WERE RECYCLED.
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01340110
Activity:	DES
Activity Name:	DESIGN
AWP Code:	PHA I
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	04131998
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
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:	01340110
Activity:	DES
Activity Name:	DESIGN
AWP Code:	PHAII
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:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
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

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MYERS DRUM - EMERYVILLE (Continued) **S101272665**

For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01340110
Activity:	RMDL
Activity Name:	REMEDIAL ACTION (RAP REQUIRED)
AWP Code:	PHAII
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	04151999
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	X
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01340110
Activity:	RMDL
Activity Name:	REMEDIAL ACTION (RAP REQUIRED)
AWP Code:	PHIII
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	07262000
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals):	800
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	N
Activity Comments:	Not reported
For Commercial Reuse:	9.50000
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	01340110
Activity:	OM
Activity Name:	OPERATION & MAINTENANCE
AWP Code:	PLAN
Proposed Budget:	0

DRAFT

MYERS DRUM - EMERYVILLE (Continued) **S101272665**

AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	07262000
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
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:	01340110
Activity:	DEED
Activity Name:	DEED RESTRICTIONS
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	07262000
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
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:	01340110
Activity:	ORDER
Activity Name:	I/SE, IORSE, FFA, FFSRA, VCA, EA
AWP Code:	OM
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	05072001
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
Liquids Removed (Gals):	0

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MYERS DRUM - EMERYVILLE (Continued) **S101272665**

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:	01340110
Activity:	5YEAR
Activity Name:	FIVE-YEAR REVIEW REQUIRED BY CERCLA
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	05312007
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:	COM
Definition of Status:	CERTIFIED / OPERATION & MAINTENANCE
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:	4500 SHELLMOUND STREET
Alternate City,St,Zip:	EMERYVILLE, CA 94608
Background Info:	The site is a drum recycling facility located in a mixed-use commercial, industrial, and residential area.
Comments Date:	01011990
Comments:	This is the date the site was first listed pursuant to section
Comments Date:	01011990
Comments:	25356.
Comments Date:	02071989
Comments:	Completed PA. Due to poor drum recycling practices, there have
Comments Date:	02071989
Comments:	been periodic releases of hazardous wastes at the site.
Comments Date:	02071989
Comments:	Contaminants included metals, volatile organic compounds,
Comments Date:	02071989
Comments:	semi-volatile compounds, nitrosamines, polychlorinated biphenyls
Comments Date:	02071989
Comments:	(PCBs), phthalates, and polynuclear aromatic hydrocarbons (PAHs).
Comments Date:	03171988
Comments:	Site Discovery. The facility was identified as part of DHS
Comments Date:	03171988
Comments:	Statewide Drum Recycling Project.
Comments Date:	04081996

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MYERS DRUM - EMERYVILLE (Continued) **S101272665**

Comments: Amended FS to propose hot spot removal and capping the site.
Comments Date: 04131998
Comments: Approved Phase I Remedial Design and Implementation Plan for hot
Comments Date: 04131998
Comments: spot removal.
Comments Date: 04151999
Comments: Completed Remedial Action. Completion report for Phase II was
Comments Date: 04151999
Comments: approved.
Comments Date: 04281995
Comments: Completed RIFS. Approved proposing hot spot removal and
Comments Date: 04281995
Comments: bioremediation.
Comments Date: 05072001
Comments: Approved O&M Agreement.
Comments Date: 05112001
Comments: Certified Site. The City of Emeryville purchased the property
Comments Date: 05112001
Comments: to include as part of its commercial redevelopment project.
Comments Date: 06211996
Comments: Approved CEQA Negative Declaration.
Comments Date: 06241996
Comments: Approved RAP requiring building demolition, hot spot soil
Comments Date: 06241996
Comments: removal, capping and groundwater monitoring.
Comments Date: 06251997
Comments: Completed RA. Report for building demolition and asbestos
Comments Date: 06251997
Comments: removal was approved.
Comments Date: 06281991
Comments: Issued I&SE Order.
Comments Date: 07262000
Comments: Completed RA for Phase III. Recorded Deed Restriction limiting
Comments Date: 07262000
Comments: the site to commercial purposes. Approved O&M Plan for future
Comments Date: 07262000
Comments: site development and groundwater monitoring activities.
Comments Date: 08151985
Comments: Sample Results: PCBs in soil up to 100 ppm. lead up to
Comments Date: 08151985
Comments: 5250 ppm in soil.
Comments Date: 08311998
Comments: Approved Phase II Remedial Design and Implementation Plan for
Comments Date: 08311998
Comments: capping the site with clean fill.
Comments Date: 09271991
Comments: Conducted Cost Recovery. The Department settled with Kaiser
Comments Date: 09271991
Comments: bankruptcy for both the Emeryville and Oakland Myers Drum Sites.
Comments Date: 09301991
Comments: Completed RA. The RP drained 24 sumps and checked the integrity
Comments Date: 09301991
Comments: of the sumps. Thirty cubic yards of waste removed.
Comments Date: 10151988
Comments: Sample Results: Hydrocarbon, lead, VOC contamination in soil
Comments Date: 10251996
Comments: Approved Design Plan to remove asbestos and demolish buildings.

DRAFT

MYERS DRUM - EMERYVILLE (Continued) **S101272665**

Comments Date: 11301998
Comments: Completed RA. Removal Action report for Phase I was approved.
Comments Date: 12121991
Comments: Completed Public Participation Plan.
ID Name: CALSTARS CODE
ID Value: 200144
ID Name: BEP DATABASE PCODE
ID Value: P20015
ID Name: EPA IDENTIFICATION NUMBER
ID Value: CAT000624957
Alternate Name: MYERS CONTAINER CORPORATION
Alternate Name: KAISER -- FORMER OWNER
Alternate Name: MYERS DRUM - EMERYVILLE
Alternate Name: MEYERS DRUM
Alternate Name: Not reported
Special Programs Code: Not reported
Special Programs Name: Not reported

244
NW
1/2-1
0.849 mi.
4482 ft.

INTERSTATE HIGHWAY 80/EMERYVILLE
INTERSTATE 80
EMERYVILLE, CA 94608

ENVIROSTOR **S116165258**
VCP **N/A**

Relative:
Lower

Actual:
10 ft.

ENVIROSTOR:
Facility ID: 1990020
Status: Certified
Status Date: 05/01/2007
Site Code: 200308
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 2.4
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Assembly: 15
Senate: 09
Special Program: Voluntary Cleanup Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.83333
Longitude: -122.2927
APN: NONE SPECIFIED
Past Use: HIGHWAY RIGHT-OF-WAY, MANUFACTURING - OTHER
Potential COC: Lead TPH-diesel TPH-MOTOR OIL
Confirmed COC: Lead TPH-diesel 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

DRAFT

INTERSTATE HIGHWAY 80/EMERYVILLE (Continued) **S116165258**

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:	1990020
Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Cleanup
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	2.4
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:	200308
Assembly:	15
Senate:	09
Special Programs Code:	Voluntary Cleanup Program
Status:	Certified
Status Date:	05/01/2007
Restricted Use:	NO
Funding:	Responsible Party
Lat/Long:	37.83333 / -122.2927
APN:	NONE SPECIFIED
Past Use:	HIGHWAY RIGHT-OF-WAY, MANUFACTURING - OTHER
Potential COC:	30013, 30024, 3002502
Confirmed COC:	30013,30024,3002502
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
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

DRAFT

INTERSTATE HIGHWAY 80/EMERYVILLE (Continued) **S116165258**

Schedule Due Date: Not reported
Schedule Revised Date: Not reported

BB245
WNW
1/2-1
0.851 mi.
4494 ft.

Relative:
Lower

Actual:
11 ft.

PFIZER INC
4650 SHELLMOUND ST
EMERYVILLE, CA 94608

Site 3 of 3 in cluster BB

SEMS-ARCHIVE **1000443244**
CORRACTS **CAD009206178**
RCRA-TSDF
RCRA-SQG
ENVIROSTOR
LUST
Alameda County CS
VCP
HIST CORTESE
HWP
CERS

DRAFT

SEMS Archive:

Site ID:	901203
EPA ID:	CAD009206178
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

SEMS Archive Detail:

Region:	9
Site ID:	901203
EPA ID:	CAD009206178
Site Name:	PFIZER INC
NPL:	N
FF:	N
OU:	0
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1985-02-01 00:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

Region:	9
Site ID:	901203
EPA ID:	CAD009206178
Site Name:	PFIZER INC
NPL:	N
FF:	N
OU:	0
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1979-11-01 00:00:00
Finish Date:	1979-11-01 00:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf

Region:	9
Site ID:	901203
EPA ID:	CAD009206178

PFIZER INC (Continued) **1000443244**

Site Name:	PFIZER INC
NPL:	N
FF:	N
OU:	0
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	1984-10-01 00:00:00
Finish Date:	1985-02-01 00:00:00
Qual:	N
Current Action Lead:	EPA Perf

CORRACTS:

EPA ID:	CAD009206178
EPA Region:	9
Area Name:	ENTIRE FACILITY
Actual Date:	19850201
Action:	CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
NAICS Code(s):	Not reported
Original schedule date:	Not reported
Schedule end date:	Not reported

RCRA-TSDF:

Date form received by agency:	11/19/1998
Facility name:	CITY OF EMERYVILLE
Facility address:	4650 SHELLMOUND ST EMERYVILLE, CA 94608
EPA ID:	CAD009206178
Mailing address:	2200 POWELL ST NO 1200 EMERYVILLE, CA 94608-1806
Contact:	RON GERBER
Contact address:	2200 POWELL ST NO 1200 EMERYVILLE, CA 94608-1806
Contact country:	US
Contact telephone:	510-596-4350
Contact email:	Not reported
EPA Region:	09
Land type:	Municipal
Classification:	TSDF
Description:	Handler is engaged in the treatment, storage or disposal of hazardous waste

Owner/Operator Summary:

Owner/operator name:	CITY OF EMERYVILLE
Owner/operator address:	2200 POWELL ST NO 1200 EMERYVILLE, CA 94608
Owner/operator country:	Not reported
Owner/operator telephone:	510-596-4350
Owner/operator email:	Not reported
Owner/operator fax:	Not reported
Owner/operator extension:	Not reported
Legal status:	Municipal

DRAFT

PFIZER INC (Continued) **1000443244**

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: 11/19/1998
Site name: CITY OF EMERYVILLE
Classification: Large Quantity Generator

. Waste code: D005
. Waste name: BARIUM

. Waste code: D006
. Waste name: CADMIUM

. Waste code: D007
. Waste name: CHROMIUM

Date form received by agency: 01/06/1993
Site name: CITY OF EMERYVILLE
Classification: Not a generator, verified

Corrective Action Summary:
Event date: 02/01/1985
Event: LEAD AGENCY DETERMINATION

Event date: 02/01/1985
Event: PA OR CERCLA INSPECTION

Event date: 02/01/1985
Event: CA PRIORITIZATION-LOW CA PRIORITY

Event date: 02/01/1985
Event: NCAPS RANKING/PRIORITY

Event date: Not reported
Event: RFA NEED BY ANOTHER AGCY

Violation Status: No violations found

DRAFT

PFIZER INC (Continued) **1000443244**

Evaluation Action Summary:

Evaluation date:	04/28/1988
Evaluation:	COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State

Evaluation date:	04/07/1988
Evaluation:	FINANCIAL RECORD REVIEW
Area of violation:	Not reported
Date achieved compliance:	Not reported
Evaluation lead agency:	State

ENVIROSTOR:

Facility ID:	80001621
Status:	Refer: RWQCB
Status Date:	01/05/1991
Site Code:	Not reported
Site Type:	Corrective Action
Site Type Detailed:	Corrective Action
Acres:	0.01
NPL:	NO
Regulatory Agencies:	RWQCB 2 - San Francisco Bay
Lead Agency:	RWQCB 2 - San Francisco Bay
Program Manager:	Not reported
Supervisor:	Karen Toth
Division Branch:	Cleanup Berkeley
Assembly:	15
Senate:	09
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	37.83340
Longitude:	-122.2931
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CAD009206178
Alias Type:	EPA Identification Number
Alias Name:	T0600101074
Alias Type:	GeoTracker Global ID
Alias Name:	80001621
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Assessment Report
Completed Date:	02/01/1985
Comments:	Not reported

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported

DRAFT

PFIZER INC (Continued) **1000443244**

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

Facility ID: 1280006
Status: Refer: Other Agency
Status Date: 06/25/1998
Site Code: 200272
Site Type: Voluntary Cleanup
Site Type Detailed: Voluntary Cleanup
Acres: 12
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Karen Toth
Division Branch: Cleanup Berkeley
Assembly: 15
Senate: 09
Special Program: Voluntary Cleanup Program
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.83485
Longitude: -122.2929
APN: 049-1038-001-1, 049-1038-001-4, 049-1038-002
Past Use: PAINT MANUFACTURING
Potential COC: Arsenic Lead TPH-gas Zinc
Confirmed COC: TPH-gas Arsenic Lead Zinc
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
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101074
Global Id: T0600101074

DRAFT

PFIZER INC (Continued) **1000443244**

Latitude:	37.8350560143665
Longitude:	-122.292637825012
Status:	Completed - Case Closed
Status Date:	03/25/2016
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:	01280006
Potential Media Affect:	Other Groundwater (uses other than drinking water), Soil
Potential Contaminants of Concern:	Diesel, Gasoline, Waste Oil / Motor / Hydraulic / Lubricating
Site History:	The subject parcel is a part of the Shellmound Properties development in Emeryville. A portion of the subject parcel is in the Northern Area of remedial actions, while the majority of the parcel is in the Southern Area of remedial actions. Remedial actions were overseen by the DTSC between 1996 and 2000. DTSC is currently actively providing CAP maintenance oversight related to that work. This LOP case involves the UST portion of the Pfizer parcel. Review of Envirostor indicates DTSC and RP were aware of USTs at site in Feasibility Study, with statements that USTs would be found and contaminated soil excavated at that time. Primary issue under DTSC jurisdiction was arsenic, pesticides, and other contaminates. Remedial Completion Report contains no reference to work at the known UST locations (esp. see figures 9 & 11), although report references a small UST found on the eastern edge of the parcel. The June 2000 "Environmental Risk Management Plan" (Erler & Kalinowski) on Envirostor (Site No. 01890019) indicates the area of the LOP UST case was excavated (described as "Areas of Completed Environmental Excavations" on Figures 4 & 8 of this report; portions of these figures are also in ACEH electronic file as CORRES_2011-05-03 and CORRES_2011-05--12). Additional excavations do not appear to have occurred beyond those shown in this report. Benzene is reported by DTSC to have been included in some of the risk calculations for the referenced report. According to the "First Semi-Annual 2009 Groundwater Monitoring Report" (May 29, 2009, Erler & Kalinowski; available on Envirostor) BTEX, MTBE, DIPE, & TBA have been non-detectable in well EBS4 since May 2003. This well is in close proximity to the former UST locations. Well EBS5 and storm drain sampling point SD-3 are also in close proximity; however, are a bit further north from the former location of the USTs. TPH is not monitored by DTSC. DTSC reports the matter is considered closed as of 8/22/2000 gwl 3/25/2016

LUST:

Global Id:	T0600101074
Action Type:	ENFORCEMENT
Date:	07/24/2009
Action:	Notice of Violation - #20090724

Global Id:	T0600101074
Action Type:	Other
Date:	12/22/1987
Action:	Leak Stopped

Global Id:	T0600101074
Action Type:	ENFORCEMENT
Date:	07/24/2009
Action:	Staff Letter - #20090724

Draft

PFIZER INC (Continued) **1000443244**

Global Id: T0600101074
Action Type: ENFORCEMENT
Date: 07/31/2009
Action: Staff Letter - #20090731

Global Id: T0600101074
Action Type: RESPONSE
Date: 03/25/2016
Action: Other Report / Document

Global Id: T0600101074
Action Type: Other
Date: 02/02/1988
Action: Leak Discovery

Global Id: T0600101074
Action Type: ENFORCEMENT
Date: 07/03/2008
Action: Technical Correspondence / Assistance / Other - #20080703

Global Id: T0600101074
Action Type: ENFORCEMENT
Date: 06/22/2011
Action: Referral to Other State Agency

Global Id: T0600101074
Action Type: Other
Date: 02/02/1988
Action: Leak Reported

Global Id: T0600101074
Action Type: ENFORCEMENT
Date: 07/31/2009
Action: Staff Letter - #20090731

Global Id: T0600101074
Action Type: RESPONSE
Date: 11/04/2010
Action: Clean Up Fund - 5-Year Review Summary

LUST:
Global Id: T0600101074
Status: Open - Case Begin Date
Status Date: 12/22/1987

Global Id: T0600101074
Status: Open - Site Assessment
Status Date: 01/05/1991

Global Id: T0600101074
Status: Open - Eligible for Closure
Status Date: 08/05/2013

Global Id: T0600101074
Status: Completed - Case Closed
Status Date: 03/25/2016

DRAFT

PFIZER INC (Continued) **1000443244**

LUST REG 2:

Region:	2
Facility Id:	01-1165
Facility Status:	Pollution Characterization
Case Number:	365
How Discovered:	Tank Closure
Leak Cause:	Structure Failure
Leak Source:	Tank
Date Leak Confirmed:	Not reported
Oversight Program:	LUST
Prelim. Site Assesment Wokplan Submitted:	Not reported
Preliminary Site Assesment Began:	8/12/1988
Pollution Characterization Began:	3/29/1990
Pollution Remediation Plan Submitted:	Not reported
Date Remediation Action Underway:	Not reported
Date Post Remedial Action Monitoring Began:	Not reported

Alameda County CS:

Status:	Pollution Characterization
Record Id:	RO0000070
PE:	5602
Facility Status:	Pollution Charaterization
Latitude:	Not reported
Longitude:	Not reported

Status:	Pollution Characterization
Record Id:	RO0000070
PE:	5602
Facility Status:	Pollution Charaterization
Latitude:	Not reported
Longitude:	Not reported

VCP:

Facility ID:	1280006
Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Cleanup
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	12
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:	200272
Assembly:	15
Senate:	09
Special Programs Code:	Voluntary Cleanup Program
Status:	Refer: Other Agency
Status Date:	06/25/1998
Restricted Use:	NO
Funding:	Responsible Party
Lat/Long:	37.83485 / -122.2929
APN:	049-1038-001-1, 049-1038-001-4, 049-1038-002
Past Use:	PAINT MANUFACTURING

DRAFT

PFIZER INC (Continued) **1000443244**

Potential COC: 30001, 30013, 30025, 30594
Confirmed COC: 30025,30001,30013,30594
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

HIST CORTESE:
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-1165

HWP:
EPA Id: CAD009206178
Cleanup Status: UNDERGOING CLOSURE
Latitude: 37.83340
Longitude: -122.2931
Facility Type: Historical - Non-Operating
Facility Size: Not reported
Team: Not reported
Supervisor: Not reported
Site Code: Not reported
Assembly District: 15
Senate District: 09
Public Information Officer: Not reported
Public Information Officer: Not reported

Activities:
EPA Id: CAD009206178
Facility Type: Historical - Non-Operating
Unit Names: TANKSTR1, TANKTRT1
Event Description: New Operating Permit - APPLICATION PART A RECEIVED
Actual Date: 11/19/1980

EPA Id: CAD009206178
Facility Type: Historical - Non-Operating
Unit Names: TANKSTR1, TANKTRT1
Event Description: New Operating Permit - PERMIT TERMINATED - TERMINATION APPROVED
Actual Date: 08/18/1988

DRAFT

PFIZER INC (Continued) **1000443244**

EPA Id: CAD009206178
Facility Type: Historical - Non-Operating
Unit Names: TANKSTR1, TANKTRT1
Event Description: Protective Filer Status - Needs Review - PROTECTIVE FILER (RECEIVED)
Actual Date: 08/01/1988

EPA Id: CAD009206178
Facility Type: Historical - Non-Operating
Unit Names: TANKSTR1, TANKTRT1
Event Description: New Operating Permit - FINAL PERMIT (EFFECTIVE)
Actual Date: 09/30/1983

EPA Id: CAD009206178
Facility Type: Historical - Non-Operating
Unit Names: TANKSTR1, TANKTRT1
Event Description: New Operating Permit - FINAL PERMIT
Actual Date: 09/30/1983

EPA Id: CAD009206178
Facility Type: Historical - Non-Operating
Unit Names: TANKSTR1, TANKTRT1
Event Description: New Operating Permit - TECHNICAL COMPLETE LETTER
Actual Date: 07/18/1983

EPA Id: CAD009206178
Facility Type: Historical - Non-Operating
Unit Names: TANKSTR1, TANKTRT1
Event Description: New Operating Permit - APPLICATION PART B RECEIVED
Actual Date: 03/25/1983

EPA Id: CAD009206178
Facility Type: Historical - Non-Operating
Unit Names: TANKSTR1, TANKTRT1
Event Description: New Operating Permit - PUBLIC COMMENT (BEGIN)
Actual Date: 08/03/1983

EPA Id: CAD009206178
Facility Type: Historical - Non-Operating
Unit Names: TANKSTR1, TANKTRT1
Event Description: Protective Filer Status - Needs Review - PROTECTIVE FILER (APPROVED)
Actual Date: 08/18/1988

EPA Id: CAD009206178
Facility Type: Historical - Non-Operating
Unit Names: TANKSTR1, TANKTRT1
Event Description: New Operating Permit - CALL-IN LETTER ISSUED
Actual Date: 02/09/1983

EPA Id: CAD009206178
Facility Type: Historical - Non-Operating
Unit Names: TANKSTR1, TANKTRT1
Event Description: New Operating Permit - FINAL PERMIT (EXPIRES)
Actual Date: 09/30/1988

EPA Id: CAD009206178
Facility Type: Historical - Non-Operating
Unit Names: TANKSTR1, TANKTRT1

DRAFT

PFIZER INC (Continued) **1000443244**

Event Description: New Operating Permit - PERMIT TERMINATED - TERMINATION RECEIVED
Actual Date: 08/01/1988

CERS TANKS:
Site ID: 197890
CERS ID: T0600101074
CERS Description: Leaking Underground Storage Tank Cleanup Site

Site ID: 213223
CERS ID: CAD009206178
CERS Description: Hazardous Waste

Affiliation:
Affiliation Type Desc: Facility Contact
Entity Name: JUAN ARREGUIN
Entity Title: Not reported
Affiliation Address: INACT 99VQ FINAL NOTICE - BATCH4/11/00
Affiliation City: EMERYVILLE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 946081806
Affiliation Phone: 5105964333

Affiliation Type Desc: Facility Owner
Entity Name: CITY OF EMERYVILLE
Entity Title: Not reported
Affiliation Address: 2200 POWELL ST STE 1200
Affiliation City: EMERYVILLE
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 946080000
Affiliation Phone: 5105964333

BC246 **ARMY-NAVY DISTRIBUTING CENTER (J09CA0753)** **ENVIROSTOR** **S109348517**
WSW **2233 WOOD STREET** **N/A**
1/2-1 **EMERYVILLE, CA 94608**
0.855 mi.
4512 ft. **Site 1 of 3 in cluster BC**

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

DRAFT

ARMY-NAVY DISTRIBUTING CENTER (J09CA0753) (Continued) **S109348517**

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
Schedule Revised Date:	Not reported

BC247 **LDS TRUCKING** **ENVIROSTOR** **S102008225**
WSW **2233 WOOD STREET** **VCP** **N/A**
1/2-1 **OAKLAND, CA 94607**
0.863 mi.
4554 ft. **Site 2 of 3 in cluster BC**

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

DRAFT

LDS TRUCKING (Continued) **S102008225**

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
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

DRAFT

LDS TRUCKING (Continued) **S102008225**

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

BC248
WSW
1/2-1
0.884 mi.
4670 ft.

BNSF WOOD STREET YARD
WOOD STREET & WEST GAND AVENUE
OAKLAND, CA 94607

Site 3 of 3 in cluster BC

RESPONSE **S106568694**
ENVIROSTOR **N/A**
HIST Cal-Sites
DEED
Cortese

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
Of Contamination Sources: 0

DRAFT

BNSF WOOD STREET YARD (Continued) **S106568694**

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
Status:	Certified O&M - Land Use Restrictions Only

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BNSF WOOD STREET YARD (Continued) **S106568694**

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
NPL:	Not Listed

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BNSF WOOD STREET YARD (Continued) **S106568694**

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

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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): 06/01/2006
File Name: Envirostor Land Use Restrictions

CORTESE:
Region: CORTESE
Envirostor Id: 1400017
Site/Facility Type: STATE RESPONSE
Cleanup Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY - LAND USE RESTRICTIONS
Status Date: 06/28/2006
Site Code: 201016
Latitude: 37.819247
Longitude: -122.29377
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

249
WSW
1/2-1
0.905 mi.
4776 ft.

CITY OF OAKLAND - SUBARU LOT
WAKE AVENUE AND WEST GRAND AVENUE STREET
OAKLAND, CA 94607

RESPONSE
ENVIROSTOR
DEED
Cortese

S109034296
N/A

Relative:
Lower

Actual:
9 ft.

RESPONSE:
Facility ID: 80001227
Site Type: State Response
Site Type Detail: Closed Base
Acres: 19
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: 201795
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

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CITY OF OAKLAND - SUBARU LOT (Continued) **S109034296**

Restricted Use: YES
Funding: Other Non-Military Funds
Latitude: 37.82215
Longitude: -122.2958
APN: NONE SPECIFIED
Past Use: HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS, UNKNOWN, VEHICLE MAINTENANCE
Potential COC : DDD DDE DDT Endrin Lead Polychlorinated biphenyls (PCBs Polynuclear aromatic hydrocarbons (PAHs TPH-diesel TPH-gas TPH-MOTOR OIL
Confirmed COC: DDD DDE DDT Endrin Lead Polychlorinated biphenyls (PCBs Polynuclear aromatic hydrocarbons (PAHs TPH-diesel TPH-gas TPH-MOTOR OIL
Potential Description: OTH, SOIL
Alias Name: 201795
Alias Type: Project Code (Site Code)
Alias Name: 71000002
Alias Type: Envirostor ID Number
Alias Name: 80001227
Alias Type: Envirostor ID Number

Completed Info:

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: 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: 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: Correspondence
Completed Date: 09/28/2009
Comments: DTSC has determined it is most cost effective to synchronize the review of the remedy for the City of Oakland Subaru with that of the review of the remedy for the Oakland Gateway Development Area, rather

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CITY OF OAKLAND - SUBARU LOT (Continued) **S109034296**

than to review the remedies separately for each site. The City of Oakland is the landowner for both the Subaru Lot and the northern portion of the Oakland Gateway Development Area. Since the City of Oakland will submit the draft five-year review report for the Oakland Gateway Development Area in May 2010, it is cost effective to combine the Subaru Lot s five-year review with that of the Oakland Gateway Development Area.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/02/2015
Comments: The City of Oakland certifies compliance with the environmental restrictions as specified in the November 18, 2004 Covenant to Restrict Use of Property, Environmental Restriction for the Subaru Lot (aka Former Parcels 6 and 7, Heroic War Dead United States Army Reserve Center).

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 08/29/2016
Comments: DTSC reviewed the "Second Five-Year Review for the GDA and Subaru Lot" for the Gateway Development Area (GDA) and Subaru Lot at the former Oakland Army Base. DTSC makes the following determination: DTSC finds the implemented remedies including institutional controls continue to be protective of human health and the environment as intended by the 2002 Remedial Action Plan (RAP) for GDA and the 2004 Amendment to Final Remedial Action Plan for the Subaru Lot. No change in land use of the properties has occurred or is expected to occur since the remedies were implemented. The exposure assumptions, toxicity data, cleanup levels, and remedial action objectives (RAOs) used at the time of the remedy selection are still valid. The selected remedies and implemented remedial actions have met and continue to meet the RAOs in GDA and the Subaru Lot. DTSC recommends that post-surcharge and wicking groundwater monitoring be conducted to confirm the locations of the groundwater plumes in the subject RAP Sites so that the protectiveness of the selected remedies is not compromised.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/24/2014
Comments: The City of Oakland certifies compliance with the environmental restrictions as specified in the November 18, 2004 Covenant to Restrict Use of Property, Environmental Restriction for the Subaru Lot (aka Former Parcels 6 and 7, Heroic War Dead United States Army Reserve Center).

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 08/11/2010
Comments: DTSC requested the City of Oakland to follow the Oakland Gateway Development Area's Risk Management Plan and the August 2010 Addendum to Site Health and Safety Plan, Oakland Army Base RMP Areas 8, 10,

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CITY OF OAKLAND - SUBARU LOT (Continued) **S109034296**

19/107 and 97 for the proposed sampling activity.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 04/24/2012
Comments: DTSC published a public notice informing the initiation of the Five-Year Review on the implemented remedies at the Gateway Development Area and the Subaru Lot. The Five-Year Review will evaluate the performance of environmental cleanup actions conducted at the site to ensure they remain protective of human health and the environment.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 12/14/2012
Comments: DTSC published a second public announcing the completion of the Five-Year Review for the Subaru Lot.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/25/2016
Comments: The City of Oakland certifies compliance with the environmental restrictions as specified in the November 18, 2004 Covenant to Restrict Use of Property, Environmental Restriction for the Subaru Lot (aka Former Parcels 6 and 7, Heroic War Dead United States Army Reserve Center).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/19/2017
Comments: The City of Oakland certifies compliance with the environmental restrictions as specified in the November 18, 2004 Covenant to Restrict Use of Property, Environmental Restriction for the Subaru Lot (aka Former Parcels 6 and 7, Heroic War Dead United States Army Reserve Center).

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: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 11/18/2004
Comments: The LUC for Parcels 6 and 7, also known as the Subaru lot, was recorded with the Alameda County Assessor's Office on 11/18/04 for 19 acres. The property is restricted to industrial or commercial use, as there is residual contamniation insconsistent with sensitive uses.

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CITY OF OAKLAND - SUBARU LOT (Continued) **S109034296**

Completed Area Name: PROJECT WIDE
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: 01/20/2009
Comments: Site inspection was conducted on 1/12/09 with the following results: The Site is vacant and there are no sensitive land uses at the Site (residential housing, schools, day-care facilities, hospitals, and hospices); No Site soil has been reused or moved outside of the Site boundary; There are no new groundwater wells constructed within the last year; There is no extraction of groundwater at the Site from new or existing wells for any purpose; and No dewatering activities have occurred on the property, there have been no violations of the Covenant, and no actions were needed by the City to ensure compliance with the Covenant.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 04/20/2010
Comments: On March 22, 2010 DTSC, City of Oakland, and Port of Oakland inspected the Subaru Lot. DTSC found site activities consistent with the land use covenant.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/20/2009
Comments: The City of Oakland submitted an Annual Certification Report on 1/13/09 certifying compliance with the Covenant to Restrict Use of Property, Environmental Restriction. Site inspection was conducted on 1/12/09 with the following results: The Site is vacant and there are no sensitive land uses at the Site (residential housing, schools, day-care facilities, hospitals, and hospices); No Site soil has been reused or moved outside of the Site boundary; There are no new groundwater wells constructed within the last year; There is no extraction of groundwater at the Site from new or existing wells for any purpose; and No dewatering activities have occurred on the property, there have been no violations of the Covenant, and no actions were needed by the City to ensure compliance with the Covenant.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/20/2010
Comments: On March 22, 2010 DTSC, City of Oakland, and Port of Oakland inspected the Subaru Lot. DTSC found site activities consistent with the land use covenant.

Completed Area Name: PROJECT WIDE

DRAFT

CITY OF OAKLAND - SUBARU LOT (Continued) **S109034296**

Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 11/01/2012
Comments: DTSC approved the First Five-Year Review for the GDA and Subaru Lot for the Gateway Development Area (GDA) and Subaru Lot at the former Oakland Army Base with the following determination: DTSC finds the implemented remedies including institutional controls continue to be protective of human health and the environment as intended by the 2002 Remedial Action Plan for GDA and the 2004 Remedial Action Plan for the Subaru Lot. No change in land use of the properties has occurred or is expected to occur since the remedies were implemented. With the exception total petroleum hydrocarbons (TPH), the exposure assumptions, toxicity data, cleanup levels, and remedial action objectives (RAOs) used at the time of the remedy selection are still valid. The selected remedies and implemented remedial actions have met and continue to meet the RAOs in GDA and the Subaru Lot. Due to the lack of project funding, the Regional Water Quality Control Board (RWQCB) has not been able to evaluate TPH cleanup levels. DTSC and RWQCB will address TPH RAOs once project funding resumes. DTSC has identified vapor intrusion as a new issue that would call into question the protectiveness of the remedy. On March 20, 2009, DTSC issued a letter modifying the 2002 Risk Management Plan (RMP) to address assessment of the vapor intrusion pathway at the Former Oakland Army Base Economic Development Conveyance Area. The modified RMP includes protocols for soil gas sampling and subsequent risk evaluation at all known volatile organic compound (VOC)-impacted areas that are collocated with new building construction, when specific planned land uses are determined for such areas. The current DTSC guidance on vapor intrusion does not impact the protectiveness of the remedies implemented at GDA or the Subaru Lot, but creates requirements for new location-specific screening and potential implementation of vapor intrusion mitigation measures in new construction, if needed, within VOC-impacted areas.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/25/2011
Comments: DTSC reviewed the Annual Certification Report and has no comments. On March 23, 2011, DTSC inspected the Subaru Lot and found site activities consistent with the land use covenant.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/26/2012
Comments: DTSC reviewed the Annual Certification Report and has no comments. On March 20, 2012, DTSC inspected the Subaru Lot and found site activities consistent with the land use covenant.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/24/2013
Comments: DTSC reviewed the Annual Certification Report for the Subaru Lot dated 2/7/13. DTSC has no comment.

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CITY OF OAKLAND - SUBARU LOT (Continued) **S109034296**

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: Annual Oversight Cost Estimate
Completed Date: 10/02/2014
Comments: The estimate includes DTSC oversight activity and Terradex costs.

Future Area Name: Basewide
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports
Future Due Date: 2021
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:
Facility ID: 80001227
Status: Certified O&M - Land Use Restrictions Only
Status Date: 05/01/2009
Site Code: 201795
Site Type: State Response
Site Type Detailed: Closed Base
Acres: 19
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: Voluntary Cleanup Program
Restricted Use: YES
Site Mgmt Req: NONE SPECIFIED
Funding: Other Non-Military Funds
Latitude: 37.82215
Longitude: -122.2958
APN: NONE SPECIFIED
Past Use: HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS, UNKNOWN, VEHICLE MAINTENANCE
Potential COC: DDD DDE DDT Endrin Lead Polychlorinated biphenyls (PCBs Polynuclear aromatic hydrocarbons (PAHs TPH-diesel TPH-gas TPH-MOTOR OIL
Confirmed COC: DDD DDE DDT Endrin Lead Polychlorinated biphenyls (PCBs Polynuclear aromatic hydrocarbons (PAHs TPH-diesel TPH-gas TPH-MOTOR OIL
Potential Description: OTH, SOIL
Alias Name: 201795
Alias Type: Project Code (Site Code)
Alias Name: 71000002
Alias Type: Envirostor ID Number

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CITY OF OAKLAND - SUBARU LOT (Continued) **S109034296**

Alias Name: 80001227
Alias Type: Envirostor ID Number

Completed Info:
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: 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: 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: Correspondence
Completed Date: 09/28/2009
Comments: DTSC has determined it is most cost effective to synchronize the review of the remedy for the City of Oakland Subaru with that of the review of the remedy for the Oakland Gateway Development Area, rather than to review the remedies separately for each site. The City of Oakland is the landowner for both the Subaru Lot and the northern portion of the Oakland Gateway Development Area. Since the City of Oakland will submit the draft five-year review report for the Oakland Gateway Development Area in May 2010, it is cost effective to combine the Subaru Lot s five-year review with that of the Oakland Gateway Development Area.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/02/2015
Comments: The City of Oakland certifies compliance with the environmental restrictions as specified in the November 18, 2004 Covenant to Restrict Use of Property, Environmental Restriction for the Subaru Lot (aka Former Parcels 6 and 7, Heroic War Dead United States Army

DRAFT

CITY OF OAKLAND - SUBARU LOT (Continued) **S109034296**

Reserve Center).

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 08/29/2016
Comments: DTSC reviewed the "Second Five-Year Review for the GDA and Subaru Lot" for the Gateway Development Area (GDA) and Subaru Lot at the former Oakland Army Base. DTSC makes the following determination: DTSC finds the implemented remedies including institutional controls continue to be protective of human health and the environment as intended by the 2002 Remedial Action Plan (RAP) for GDA and the 2004 Amendment to Final Remedial Action Plan for the Subaru Lot. No change in land use of the properties has occurred or is expected to occur since the remedies were implemented. The exposure assumptions, toxicity data, cleanup levels, and remedial action objectives (RAOs) used at the time of the remedy selection are still valid. The selected remedies and implemented remedial actions have met and continue to meet the RAOs in GDA and the Subaru Lot. DTSC recommends that post-surcharge and wicking groundwater monitoring be conducted to confirm the locations of the groundwater plumes in the subject RAP Sites so that the protectiveness of the selected remedies is not compromised.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/24/2014
Comments: The City of Oakland certifies compliance with the environmental restrictions as specified in the November 18, 2004 Covenant to Restrict Use of Property, Environmental Restriction for the Subaru Lot (aka Former Parcels 6 and 7, Heroic War Dead United States Army Reserve Center).

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 08/11/2010
Comments: DTSC requested the City of Oakland to follow the Oakland Gateway Development Area's Risk Management Plan and the August 2010 Addendum to Site Health and Safety Plan, Oakland Army Base RMP Areas 8, 10, 19/107 and 97 for the proposed sampling activity.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 04/24/2012
Comments: DTSC published a public notice informing the initiation of the Five-Year Review on the implemented remedies at the Gateway Development Area and the Subaru Lot. The Five-Year Review will evaluate the performance of environmental cleanup actions conducted at the site to ensure they remain protective of human health and the environment.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice

DRAFT

CITY OF OAKLAND - SUBARU LOT (Continued) **S109034296**

Completed Date: 12/14/2012
Comments: DTSC published a second public announcing the completion of the Five-Year Review for the Subaru Lot.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/25/2016
Comments: The City of Oakland certifies compliance with the environmental restrictions as specified in the November 18, 2004 Covenant to Restrict Use of Property, Environmental Restriction for the Subaru Lot (aka Former Parcels 6 and 7, Heroic War Dead United States Army Reserve Center).

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/19/2017
Comments: The City of Oakland certifies compliance with the environmental restrictions as specified in the November 18, 2004 Covenant to Restrict Use of Property, Environmental Restriction for the Subaru Lot (aka Former Parcels 6 and 7, Heroic War Dead United States Army Reserve Center).

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: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 11/18/2004
Comments: The LUC for Parcels 6 and 7, also known as the Subaru lot, was recorded with the Alameda County Assessor's Office on 11/18/04 for 19 acres. The property is restricted to industrial or commercial use, as there is residual contamniation insconsistent with sensitive uses.

Completed Area Name: PROJECT WIDE
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: 01/20/2009
Comments: Site inspection was conducted on 1/12/09 with the following results: The Site is vacant and there are no sensitive land uses at the Site (residential housing, schools, day-care facilities, hospitals, and hospices); No Site soil has been reused or moved outside of the Site boundary; There are no new groundwater wells constructed within the

DRAFT

CITY OF OAKLAND - SUBARU LOT (Continued) **S109034296**

last year; There is no extraction of groundwater at the Site from new or existing wells for any purpose; and No dewatering activities have occurred on the property, there have been no violations of the Covenant, and no actions were needed by the City to ensure compliance with the Covenant.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 04/20/2010
Comments: On March 22, 2010 DTSC, City of Oakland, and Port of Oakland inspected the Subaru Lot. DTSC found site activities consistent with the land use covenant.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 01/20/2009
Comments: The City of Oakland submitted an Annual Certification Report on 1/13/09 certifying compliance with the Covenant to Restrict Use of Property, Environmental Restriction. Site inspection was conducted on 1/12/09 with the following results: The Site is vacant and there are no sensitive land uses at the Site (residential housing, schools, day-care facilities, hospitals, and hospices); No Site soil has been reused or moved outside of the Site boundary; There are no new groundwater wells constructed within the last year; There is no extraction of groundwater at the Site from new or existing wells for any purpose; and No dewatering activities have occurred on the property, there have been no violations of the Covenant, and no actions were needed by the City to ensure compliance with the Covenant.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/20/2010
Comments: On March 22, 2010 DTSC, City of Oakland, and Port of Oakland inspected the Subaru Lot. DTSC found site activities consistent with the land use covenant.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: 5 Year Review Reports
Completed Date: 11/01/2012
Comments: DTSC approved the First Five-Year Review for the GDA and Subaru Lot for the Gateway Development Area (GDA) and Subaru Lot at the former Oakland Army Base with the following determination: DTSC finds the implemented remedies including institutional controls continue to be protective of human health and the environment as intended by the 2002 Remedial Action Plan for GDA and the 2004 Remedial Action Plan for the Subaru Lot. No change in land use of the properties has occurred or is expected to occur since the remedies were implemented. With the exception total petroleum hydrocarbons (TPH), the exposure assumptions, toxicity data, cleanup levels, and remedial action objectives (RAOs) used at the time of the remedy selection are still valid. The selected remedies and implemented remedial actions have met and continue to meet the RAOs in GDA and the Subaru Lot. Due to

DRAFT

CITY OF OAKLAND - SUBARU LOT (Continued) **S109034296**

the lack of project funding, the Regional Water Quality Control Board (RWQCB) has not been able to evaluate TPH cleanup levels. DTSC and RWQCB will address TPH RAOs once project funding resumes. DTSC has identified vapor intrusion as a new issue that would call into question the protectiveness of the remedy. On March 20, 2009, DTSC issued a letter modifying the 2002 Risk Management Plan (RMP) to address assessment of the vapor intrusion pathway at the Former Oakland Army Base Economic Development Conveyance Area. The modified RMP includes protocols for soil gas sampling and subsequent risk evaluation at all known volatile organic compound (VOC)-impacted areas that are collocated with new building construction, when specific planned land uses are determined for such areas. The current DTSC guidance on vapor intrusion does not impact the protectiveness of the remedies implemented at GDA or the Subaru Lot, but creates requirements for new location-specific screening and potential implementation of vapor intrusion mitigation measures in new construction, if needed, within VOC-impacted areas.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/25/2011
Comments: DTSC reviewed the Annual Certification Report and has no comments. On March 23, 2011, DTSC inspected the Subaru Lot and found site activities consistent with the land use covenant.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/26/2012
Comments: DTSC reviewed the Annual Certification Report and has no comments. On March 20, 2012, DTSC inspected the Subaru Lot and found site activities consistent with the land use covenant.

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/24/2013
Comments: DTSC reviewed the Annual Certification Report for the Subaru Lot dated 2/7/13. DTSC has no comment.

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: Annual Oversight Cost Estimate
Completed Date: 10/02/2014
Comments: The estimate includes DTSC oversight activity and Terradex costs.

Future Area Name: Basewide
Future Sub Area Name: Not reported
Future Document Type: 5 Year Review Reports

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CITY OF OAKLAND - SUBARU LOT (Continued) **S109034296**

Future Due Date: 2021
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

DEED:
Envirostor ID: 80001227
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): 11/18/2004
File Name: Envirostor Land Use Restrictions

CORTESE:
Region: CORTESE
Envirostor Id: 80001227
Site/Facility Type: STATE RESPONSE
Cleanup Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY - LAND USE RESTRICTIONS
Status Date: 05/01/2009
Site Code: 201795
Latitude: 37.822158
Longitude: -122.29589
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

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250 ESE 1/2-1 0.917 mi. 4844 ft. | **CARDIO PULMANARY BUILDING**
365 HAWTHRONE STREET
OAKLAND, CA 92626 | **Notify 65** | **S100179153**
N/A

Relative: Higher
Actual: 88 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

DRAFT

BD251 East 1/2-1 0.932 mi. 4919 ft. | **MOSSWOOD UNION 411 WEST MACARTHUR OAKLAND, CA 92626** | **LUST Notify 65 CERS** | **S100179184 N/A**

Site 1 of 2 in cluster BD

Relative: Higher

Actual: 73 ft.

LUST:

Lead Agency:	ALAMEDA COUNTY LOP
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101472
Global Id:	T0600101472
Latitude:	37.8250058553705
Longitude:	-122.261888980865
Status:	Completed - Case Closed
Status Date:	08/19/2015
Case Worker:	KEN
RB Case Number:	01-1597
Local Agency:	ALAMEDA COUNTY LOP
File Location:	All Files are on GeoTracker or in the Local Agency Database
Local Case Number:	RO0000251
Potential Media Affect:	Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern:	Gasoline
Site History:	The site is a former service station property. The property has perimeter fencing and the vacant service station building remains. Due to residual contamination, the site is closed with Site Management Requirements that limit future land use to the current commercial land use. in July 1989 one 10,000-gallon and one 12,000-gallon gasoline USTs removed and replaced. One 550-gallon waste-oil UST was also removed. Soil samples were collected from 450 yd3 of stockpiled soil that were present at the site. September 6 and 7, 1989 four monitoring wells were installed on-site. In September 1998, two 12,000-gallon gasoline USTs and associated dispensers and product piping were removed from the site. Soil samples collected indicated petroleum hydrocarbon impact. Groundwater was not encountered during the tank removal. Groundwater samples collected from the March 2006 borings had maximum detected concentrations of 13,000 ppb TPHg, 510 ppb benzene and 340 ppb MTBE. Grab groundwater samples reported up to 9,500 ug/L TPHg and 430 ug/L benzene in a 2011 investigation. Based on the bioattentuation zone thickness and the distance to nearby receptors, a determination has been made the site meets the LTCP closure criteria.

LUST:

Global Id:	T0600101472
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

LUST:

Global Id:	T0600101472
Action Type:	ENFORCEMENT
Date:	05/29/2014
Action:	Staff Letter - #20140529
Global Id:	T0600101472

MOSSWOOD UNION (Continued) **S100179184**

Action Type: ENFORCEMENT
Date: 04/03/2014
Action: Technical Correspondence / Assistance / Other - #20140403

Global Id: T0600101472
Action Type: RESPONSE
Date: 02/18/2011
Action: Soil and Water Investigation Report

Global Id: T0600101472
Action Type: ENFORCEMENT
Date: 10/21/2014
Action: Notice of Responsibility - #2014-10-21

Global Id: T0600101472
Action Type: ENFORCEMENT
Date: 05/24/2013
Action: Staff Letter - #20130524

Global Id: T0600101472
Action Type: ENFORCEMENT
Date: 09/03/2008
Action: Staff Letter - #09/03/2008

Global Id: T0600101472
Action Type: Other
Date: 07/18/1989
Action: Leak Stopped

Global Id: T0600101472
Action Type: ENFORCEMENT
Date: 06/06/2012
Action: File review

Global Id: T0600101472
Action Type: ENFORCEMENT
Date: 11/07/2013
Action: Staff Letter - #20131107

Global Id: T0600101472
Action Type: ENFORCEMENT
Date: 08/19/2015
Action: Closure/No Further Action Letter - #20150819

Global Id: T0600101472
Action Type: ENFORCEMENT
Date: 08/04/2014
Action: Meeting - #20140804

Global Id: T0600101472
Action Type: RESPONSE
Date: 09/24/2014
Action: Request for Closure - Regulator Responded

Global Id: T0600101472
Action Type: RESPONSE
Date: 05/02/2014

DRAFT

MOSSWOOD UNION (Continued) **S100179184**

Action: Site Investigation Workplan - Regulator Responded

Global Id: T0600101472
Action Type: ENFORCEMENT
Date: 01/30/2014
Action: Meeting - #20140130

Global Id: T0600101472
Action Type: ENFORCEMENT
Date: 02/03/2014
Action: Staff Letter - #20140203

Global Id: T0600101472
Action Type: REMEDIATION
Date: 09/14/1998
Action: Excavation

Global Id: T0600101472
Action Type: RESPONSE
Date: 07/01/2013
Action: Electronic Reporting Submittal Due

Global Id: T0600101472
Action Type: RESPONSE
Date: 09/13/2013
Action: Other Workplan

Global Id: T0600101472
Action Type: REMEDIATION
Date: 10/01/1998
Action: Excavation

Global Id: T0600101472
Action Type: REMEDIATION
Date: 07/12/1989
Action: Excavation

Global Id: T0600101472
Action Type: RESPONSE
Date: 11/21/2013
Action: Correspondence

Global Id: T0600101472
Action Type: RESPONSE
Date: 02/28/2014
Action: Correspondence

Global Id: T0600101472
Action Type: RESPONSE
Date: 03/27/2013
Action: Request for Closure - Regulator Responded

Global Id: T0600101472
Action Type: RESPONSE
Date: 08/14/2013
Action: Other Workplan - Regulator Responded

DRAFT

MOSSWOOD UNION (Continued) **S100179184**

Global Id: T0600101472
Action Type: RESPONSE
Date: 05/12/2015
Action: Well Destruction Report

Global Id: T0600101472
Action Type: RESPONSE
Date: 02/28/2014
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0600101472
Action Type: RESPONSE
Date: 04/27/2014
Action: Soil and Water Investigation Workplan - Regulator Responded

Global Id: T0600101472
Action Type: RESPONSE
Date: 04/15/2014
Action: Clean Up Fund - 5-Year Review Summary

Global Id: T0600101472
Action Type: ENFORCEMENT
Date: 04/21/2015
Action: Technical Correspondence / Assistance / Other - #20150421

Global Id: T0600101472
Action Type: ENFORCEMENT
Date: 03/12/2014
Action: Staff Letter - #20140312

Global Id: T0600101472
Action Type: RESPONSE
Date: 12/05/2014
Action: Email Correspondence

Global Id: T0600101472
Action Type: ENFORCEMENT
Date: 10/05/2010
Action: Staff Letter - #20101005

Global Id: T0600101472
Action Type: ENFORCEMENT
Date: 01/21/2014
Action: Technical Correspondence / Assistance / Other - #20140121

Global Id: T0600101472
Action Type: ENFORCEMENT
Date: 10/21/2014
Action: Notification - Public Notice of Case Closure - #2014-10-21

Global Id: T0600101472
Action Type: ENFORCEMENT
Date: 11/20/2014
Action: Staff Letter - #20141120

Global Id: T0600101472
Action Type: Other

DRAFT

MOSSWOOD UNION (Continued) **S100179184**

Date: 07/17/1989
Action: Leak Reported

Global Id: T0600101472
Action Type: Other
Date: 07/12/1989
Action: Leak Discovery

Global Id: T0600101472
Action Type: RESPONSE
Date: 12/05/2014
Action: Email Correspondence

Global Id: T0600101472
Action Type: RESPONSE
Date: 10/22/2014
Action: Other Report / Document

Global Id: T0600101472
Action Type: ENFORCEMENT
Date: 12/23/2014
Action: Staff Letter - #20141223

LUST:
Global Id: T0600101472
Status: Open - Case Begin Date
Status Date: 07/12/1989

Global Id: T0600101472
Status: Open - Site Assessment
Status Date: 07/17/1989

Global Id: T0600101472
Status: Open - Assessment & Interim Remedial Action
Status Date: 09/14/1998

Global Id: T0600101472
Status: Open - Eligible for Closure
Status Date: 05/29/2014

Global Id: T0600101472
Status: Open - Eligible for Closure
Status Date: 12/23/2014

Global Id: T0600101472
Status: Completed - Case Closed
Status Date: 08/19/2015

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

DRAFT

MOSSWOOD UNION (Continued) **S100179184**

Incident Description: Not reported

CERS TANKS:

Site ID:	250996
CERS ID:	T0600101472
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

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

252
NW
1/2-1
0.933 mi.
4928 ft.

A & J TRUCKING, INC
5600 SHELLMOND AVENUE
EMERYVILLE, CA 92633

Notify 65 **U000057368**
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

253
NW
1/2-1
0.934 mi.
4932 ft.

SHELLMOUND VENTURE PROJECT
SHELLMOUND STREET
EMERYVILLE, CA 94608

ENVIROSTOR **S102008193**
VCP **N/A**
DEED

Relative:
Lower

Actual:
10 ft.

ENVIROSTOR:

Facility ID:	1330039
Status:	Certified O&M - Land Use Restrictions Only
Status Date:	04/17/1998
Site Code:	200450
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	7.5
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Claude Jemison
Supervisor:	Mark Piros
Division Branch:	Cleanup Berkeley
Assembly:	15
Senate:	09

DRAFT

SHELLMOUND VENTURE PROJECT (Continued) **S102008193**

Special Program: Polanco Redevelopment MOA
Restricted Use: YES
Site Mgmt Req: REM, ASP, DAY, ELD, HOS, LUC, EX, OIL, NSUB, SCH, FOOD, RES
Funding: Responsible Party
Latitude: 37.83445
Longitude: -122.2936
APN: 049 151600202, 049 151601200, 049 151601300, 049-1516-004-4, 049-1516-006-2, 049-1516-006-5, 049-1516-007-5
Past Use: MANUFACTURING - METAL
Potential COC: Arsenic Total Chromium (1:6 ratio Cr VI:Cr III Lead Polychlorinated biphenyls (PCBs
Confirmed COC: Polychlorinated biphenyls (PCBs Arsenic Total Chromium (1:6 ratio Cr VI:Cr III 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: 1330039
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: REM, ASP, DAY, ELD, HOS, LUC, EX, OIL, NSUB, SCH, FOOD, RES
Acres: 7.5
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: 200450
Assembly: 15
Senate: 09
Special Programs Code: Polanco Redevelopment MOA
Status: Certified O&M - Land Use Restrictions Only
Status Date: 04/17/1998
Restricted Use: YES
Funding: Responsible Party
Lat/Long: 37.83445 / -122.2936
APN: 049 151600202, 049 151601200, 049 151601300, 049-1516-004-4,

DRAFT

SHELLMOUND VENTURE PROJECT (Continued) **S102008193**

049-1516-006-2, 049-1516-006-5, 049-1516-007-5
Past Use: MANUFACTURING - METAL
Potential COC: 30001, 30005, 30013, 30018
Confirmed COC: 30018,30001,30005,30013
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

DEED:
Envirostor ID: 1330039
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): 03/27/1998
File Name: Envirostor Land Use Restrictions

BD254 **UNOCAL SERVICE STATION #3538** **Notify 65** **S100179194**
East **411 WEST MAC ARTHUR** **N/A**
1/2-1 **OAKLAND, CA 92626**
0.937 mi.
4949 ft. **Site 2 of 2 in cluster BD**

Relative:
Higher

Actual:
73 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

DRAFT

BE255 NW 1/2-1 0.943 mi. 4977 ft. | **HORTON LANDING PARK**
STANFORD AVENUE & HORTON STREET
EMERYVILLE, CA 94608 | **ENVIROSTOR VCP** | **S111022975 N/A**

Site 1 of 2 in cluster BE

Relative: Lower

Actual: 16 ft.

ENVIROSTOR:

Facility ID:	60001477
Status:	Refer: Other Agency
Status Date:	05/26/2010
Site Code:	Not reported
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	1.2
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Karen Toth
Division Branch:	Cleanup Berkeley
Assembly:	15
Senate:	09
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	EPA Grant
Latitude:	37.83654
Longitude:	-122.2910
APN:	049 104102612, 049 104103710, 049 104104604, 049 104104707
Past Use:	RAILROAD RIGHT OF WAY
Potential COC:	Arsenic Lead Polychlorinated biphenyls (PCBs TPH-diesel Dieldrin
Confirmed COC:	Arsenic Lead TPH-diesel Dieldrin Polychlorinated biphenyls (PCBs
Potential Description:	SOIL
Alias Name:	049 104102612
Alias Type:	APN
Alias Name:	049 104103710
Alias Type:	APN
Alias Name:	049 104104604
Alias Type:	APN
Alias Name:	049 104104707
Alias Type:	APN
Alias Name:	60001477
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Workplan
Completed Date:	05/26/2010
Comments:	Contamination is proposed to be capped in place and deed restricted
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

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HORTON LANDING PARK (Continued) **S111022975**

VCP:

Facility ID:	60001477
Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Cleanup
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	1.2
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:	Not reported
Assembly:	15
Senate:	09
Special Programs Code:	Not reported
Status:	Refer: Other Agency
Status Date:	05/26/2010
Restricted Use:	NO
Funding:	EPA Grant
Lat/Long:	37.83654 / -122.2910
APN:	049 104102612, 049 104103710, 049 104104604, 049 104104707
Past Use:	RAILROAD RIGHT OF WAY
Potential COC:	30001, 30013, 30018, 30024, 30207
Confirmed COC:	30001,30013,30024,30207,30018
Potential Description:	SOIL
Alias Name:	049 104102612
Alias Type:	APN
Alias Name:	049 104103710
Alias Type:	APN
Alias Name:	049 104104604
Alias Type:	APN
Alias Name:	049 104104707
Alias Type:	APN
Alias Name:	60001477
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Workplan
Completed Date:	05/26/2010
Comments:	Contamination is proposed to be capped in place and deed restricted
Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

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256 West 1/2-1 0.953 mi. 5032 ft. | **OAKLAND ARMY RESERVE EXCHANGE**
15 ENGINEER ROAD
OAKLAND, CA 94607 | **RESPONSE**
ENVIROSTOR
MCS | **S106965131**
N/A

Relative: Lower

Actual: 8 ft.

RESPONSE:

Facility ID:	71000002
Site Type:	State Response
Site Type Detail:	Closed Base
Acres:	42
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Henry Wong
Supervisor:	Karen Toth
Division Branch:	Cleanup Berkeley
Site Code:	201585
Site Mgmt. Req.:	NONE SPECIFIED
Assembly:	18
Senate:	09
Special Program Status:	Voluntary Cleanup Program
Status:	Certified
Status Date:	06/25/2009
Restricted Use:	NO
Funding:	Other Non-Military Funds
Latitude:	37.82430
Longitude:	-122.2973
APN:	NONE SPECIFIED
Past Use:	TRANSFER STATION, HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS, HOSPITAL, JUNKYARD, OIL/WATER SEPARATORS, VEHICLE MAINTENANCE, TRANSPORTATION - WAREHOUSING
Potential COC :	Arsenic Total Chromium (1:6 ratio Cr VI:Cr III Lead Polynuclear aromatic hydrocarbons (PAHs TPH-diesel TPH-gas TPH-JET FUEL TPH-MOTOR OIL Polynuclear aromatic hydrocarbons (PAHs
Confirmed COC:	Arsenic Lead Polynuclear aromatic hydrocarbons (PAHs TPH-diesel TPH-gas TPH-MOTOR OIL
Potential Description:	OTH, SOIL
Alias Name:	110033612357
Alias Type:	EPA (FRS #)
Alias Name:	T10000001240
Alias Type:	GeoTracker Global ID
Alias Name:	201585
Alias Type:	Project Code (Site Code)
Alias Name:	71000002
Alias Type:	Envirostor ID Number
Alias Name:	80001200
Alias Type:	Envirostor ID Number
Alias Name:	80001225
Alias Type:	Envirostor ID Number
Alias Name:	80001227
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	HWD
Completed Sub Area Name:	Not reported
Completed Document Type:	*Site Inspection (SI) Workplan
Completed Date:	09/27/2004
Comments:	DTSC issued a no further comment letter on the SI Workplan.

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OAKLAND ARMY RESERVE EXCHANGE (Continued) **S106965131**

Completed Area Name: HWD
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 05/29/2007
Comments: DTSC approved the Remedial Investigation/Feasibility Study Report (RI/FS) dated May 2007 for the Heroic War Dead U.S. Army Reserve Center. The RI/FS compiles, summarizes, and integrates the results of previous and current environmental studies conducted in order to identify remedial action objectives and a recommended remedial alternative for the property that is protective of human health and the environment. The work completed in support of this objective that has not previously been reported included the collection and analysis of soil samples from two areas of the property in September and October 2006 with impacts from lead and carcinogenic polynuclear aromatic hydrocarbons, screening to identify contaminants of concern, and performance of a Feasibility Study to evaluate potential remedial alternatives and to identify and describe recommended remedial actions for the entire 16-acre Heroic War Dead property.

Completed Area Name: HWD
Completed Sub Area Name: Not reported
Completed Document Type: *Action Memorandum (if <$1M)
Completed Date: 06/07/2007
Comments: DTSC approved the Removal Action Workplan for the Heroic War Dead United States Army Reserve Center, in Oakland, California. The selected remedy is Alternative 6, which include (a) institutional controls, (b) excavation and offsite disposal of polynuclear aromatic hydrocarbon-impacted soil at the Building 1064 Yard, (c) engineered asphalt cap for lead-impacted soil at the Building 1070 Yard, and (d) groundwater monitoring.

Completed Area Name: HWD
Completed Sub Area Name: Not reported
Completed Document Type: Deed/LUR Enforcement & Implementation Plan
Completed Date: 06/29/2007
Comments: The Implementation and Enforcement Plan is Section 4.02 of the Covenant to Restrict Use of Property, Environmental Restriction. DTSC signed the Covenant on 6/18/07. The Army Reserve signed the Covenant on 6/21/07. The Army Reserve recorded the Covenant with the Alameda County Assessor's Office on 6/29/07.

Completed Area Name: P6+7
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 06/14/2004
Comments: On 6/14/04, DTSC issued a fact sheet informing the public of the draft Amendment to the Final Remedial Action Plan Oakland Army Base (draft RAP Amendment) for the Subaru Lot and inviting the community to review and comment on the draft RAP Amendment.

Completed Area Name: HWD
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 06/08/2007
Comments: DTSC approved the Remedial Design Work Plan for the Heroic War Dead United States Army Reserve Center, in Oakland, California. The plan details cleanup activities for the Building 1070 Yard at the Heroic

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OAKLAND ARMY RESERVE EXCHANGE (Continued) **S106965131**

War Dead site. The Army Reserve plans to complete cleanup activities in three weeks.

Completed Area Name: HWD
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 06/29/2007
Comments: Based upon existing information, DTSC's oversight at the Heroic War Dead United States Army Reserve Center, and DTSC s review on the June 2007 Remedy Completion Report, DTSC has determined that the Army Reserve will have completed the required remedy pursuant to the Removal Action Workplan immediate upon execution and recordation of the "Covenant to Restrict Use of Property, Environmental Restriction" scheduled on 6/29/07. Covenant recordation is a required condition before the Army Reserve may transfer the subject property.

Completed Area Name: P18+19+21
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 10/23/2006
Comments: DTSC prepared a fact sheet for the Remedial Action Plan Amendment for Parcel 18 and Subparcels 19 and 21.

Completed Area Name: P18+19+21
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 10/23/2006
Comments: DTSC prepared a public notice for the Remedial Action Plan Amendment for Parcel 18 and Subparcels 19 and 21. The 30-day public comment period starts on 10/23/06 and ends on 11/21/06. DTSC will hold a public meeting on 11/9/06.

Completed Area Name: HWD
Completed Sub Area Name: Not reported
Completed Document Type: Finding of Suitability to Transfer
Completed Date: 06/29/2007
Comments: On 6/27/07, DTSC issued the Finding of Suitability to Transfer Concurrence Letter for the Heroic War Dead United States Army Reserve Center conditioned upon recordation of the covenant. Covenant recordation is a required escrow instruction before the Army Reserve may transfer the subject property scheduled on 6/29/07. The Army Reserve shall record the enclosed Covenant to Restrict Use of Property, Environmental Restriction, with the Alameda County Assessor s Office.

Completed Area Name: HWD
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 05/14/2007
Comments: Not reported

Completed Area Name: HWD
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 05/14/2007
Comments: Not reported

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OAKLAND ARMY RESERVE EXCHANGE (Continued) **S106965131**

Completed Area Name: P6+7
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 05/02/2005
Comments: Not reported

Completed Area Name: HWD
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/25/2009
Comments: On 6/25/09, DTSC completed the Remedial Action Certification for the "Heroic War Dead U.S. Army Reserve Center" site. The U.S. Army Reserve and East Bay Municipal Utility District implemented the remedy as selected in the Removal Action Workplan developed for the Heroic War Dead United States Army Reserve Center. Field cleanup activities included: (a) construction of an engineered asphalt cap over lead-impacted soil in the Building 1070 Yard; (b) construction of additional exploratory borings, test pits and an exploratory excavation in the Building 1064 Yard near the PV18 test pit area; and (c) installation of additional groundwater monitoring wells in the Building 1070 Yard. On 6/29/07, the Army Reserve recorded the "Covenant to Restrict Use of Property, Environmental Restriction" with the Alameda County Assessor s Office to establish land and groundwater use restrictions and require proper soil and groundwater management practices.

Completed Area Name: P18+19+21
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 05/01/2009
Comments: On December 4, 2006, DTSC approved the Remedial Action Plan Amendment, which specified an institutional control remedy in a form of a land use covenant. The Army Reserve recorded the Covenant to Restrict Use of Property, Environmental Restriction on June 29, 2007 with the Alameda County Assessor s Office. Recordation of the covenant constitutes implementation of the remedial action. The Army Reserve and DTSC executed the Covenant to Restrict Use of Property, Environmental Restriction on June 29, 2007, which prohibits sensitive land uses, restricts construction of groundwater wells and the extraction of groundwater, and requires submittal of annual inspection reports. The Port of Oakland and DTSC entered into a Consent Agreement identifying land use restrictions in the Covenant to Restrict Use of Property, Environmental Restriction. Specifically, the Port of Oakland agreed to retain all inspection, certification, and reporting responsibilities as required in the Covenant, Section 4.02 and responsibility to pay all State costs associated with the administration of the Covenant pursuant to the California Code of Regulations, section 67391.1(h). The remedial action objectives were based on commercial and industrial land uses. Since residual chemicals in soil and groundwater at the site render the property not suitable for unrestricted use, five-year statutory reviews are required for this site. However, DTSC has determined that the Port of Oakland’s compliance with the annual inspection reporting requirements pursuant to the covenant would satisfy the five-year review requirement.

Completed Area Name: P18+19+21

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OAKLAND ARMY RESERVE EXCHANGE (Continued) **S106965131**

Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 06/29/2007
Comments: On 6/29/07 the Army Reserve transferred Parcel 18 and Subparcels 19 and 21 at the former Oakland Army Base to the Port of Oakland. On 6/29/07 the Port of Oakland and DTSC signed the Consent Agreement, which binds the Port of Oakland to comply with the environmental restrictions for Parcel 18 and Subparcels 19 and 21 as necessary to protect human health and the environment. These environmental restrictions are consistent with the DTSC-approved 12/4/06 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 .

Completed Area Name: P18+19+21
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Assessment
Completed Date: 12/04/2006
Comments: DTSC approved the Remedial Action Plan Amendment for Parcel 18 and Subparcels 19 and 21 on December 4, 2006. The parcels total approximately 6.76 acres. The selected remedy is institutional controls that prohibit sensitive land uses, prohibit the construction of groundwater wells and the extraction of groundwater, and require implementation and enforcement plan compliance. DTSC approved the Notice of Determination on December 4, 2006 and filed the document with the State Clearinghouse on December 19, 2006.

Completed Area Name: HWD
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Assessment
Completed Date: 06/07/2007
Comments: DTSC approved the Notice of Exemption for the Heroic War Dead United States Army Reserve Center, in Oakland, California. DTSC had considered the proposed project activities, and determined that the project activities would not cause a significant environmental effect. The bases for this determination were (a) the limited project scale in an industrially developed area and (b) the lack of potential resources due to prior land disturbance and current site use patterns. DTSC will file the Notice of Exemption with the State s Office of Planning and Research in the week of June 11, 2007.

Completed Area Name: P6+7
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 05/01/2009
Comments: On August 2, 2004, DTSC approved the Amendment to Remedial Action Plan, which specified an institutional control remedy in a form of a land use covenant. The Army Reserve recorded the Covenant to Restrict Use of Property, Environmental Restriction on November 18, 2004 with the Alameda County Assessor s Office. Recordation of the covenant constitutes implementation of the remedial action. The Army Reserve and DTSC executed the Covenant to Restrict Use of Property, Environmental Restriction on November 18, 2004, which prohibits sensitive land uses, restricts construction of groundwater wells and the extraction of groundwater, and requires submittal of annual inspection reports. The City of Oakland and DTSC entered into a Consent Agreement identifying land use restrictions in the Covenant

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OAKLAND ARMY RESERVE EXCHANGE (Continued) **S106965131**

to Restrict Use of Property, Environmental Restriction. Specifically, the City of Oakland agreed to retain all inspection, certification, and reporting responsibilities as required in the Covenant, Section 4.02 and responsibility to pay all State costs associated with the administration of the Covenant pursuant to the California Code of Regulations, section 67391.1(h). The remedial action objectives were based on commercial and industrial land uses. Since residual chemicals in soil and groundwater at the site render the property not suitable for unrestricted use, five-year statutory reviews are required for this site.

Completed Area Name: P6+7
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Assessment
Completed Date: 08/27/2004
Comments: Not reported

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 06/02/2006
Comments: DTSC issued a letter acknowledging the receipt of the Army Reserve s letter dated May 12, 2006 which agrees to reimburse DTSC s oversight cost at the Oakland Army Reserve Exchange.

Completed Area Name: P6+7
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 08/02/2004
Comments: DTSC approved the Remedial Action Plan Amendment for the Subaru Lot on August 2, 2004.

Completed Area Name: P18+19+21
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 12/04/2006
Comments: DTSC approved the Remedial Action Plan Amendment for Parcel 18 and Subparcels 19 and 21 on December 4, 2006. The parcels total approximately 6.76 acres. The selected remedy is institutional controls that prohibit sensitive land uses, prohibit the construction of groundwater wells and the extraction of groundwater, and require implementation and enforcement plan compliance.

Completed Area Name: P18+19+21
Completed Sub Area Name: Not reported
Completed Document Type: Deed/LUR Enforcement & Implementation Plan
Completed Date: 06/29/2007
Comments: The Implementation and Enforcement Plan is Section 4.02 of the Covenant to Restrict Use of Property, Environmental Restriction. DTSC signed the Covenant on 5/21/07. The Army Reserve signed the Covenant on 6/21/07. The Army Reserve recorded the Covenant with the Alameda County Assessor's Office on 6/29/07.

Completed Area Name: P18+19+21
Completed Sub Area Name: Not reported
Completed Document Type: Finding of Suitability to Transfer
Completed Date: 06/29/2007

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OAKLAND ARMY RESERVE EXCHANGE (Continued) **S106965131**

Comments: DTSC issued a conditional FOST Concurrence Letter to the Army Reserve on 6/14/07 stating that DTSC would concur with the subject FOST when: (a) the Army Reserve revise the environmental restriction in the FOST consistent with that in the Covenant to Restrict Use of Property, Environmental Restriction, and (b) execute the Covenant to Restrict Use of Property, Environmental Restriction, and recorded this covenant with the Alameda County Assessor s Office. The Army Reserve plans to transfer the parcels to the Port of Oakland by 6/29/07.

Completed Area Name: HWD
Completed Sub Area Name: Not reported
Completed Document Type: *Site Inspection (SI) Report
Completed Date: 05/29/2007
Comments: Information gathered during the Site Inspection program was used in the preparation of the Remedial Investigation Report. No action on the Site Inspection Report is needed.

Completed Area Name: P6+7
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 08/17/2004
Comments: Based upon existing information and our oversight on past investigation, remedy selection, and remedy implementation, DTSC is certifying that all necessary remedies for the Subaru Lot required in the approved RAP Amendment will be in place when the covenant is recorded with the Alameda County Assessor s Office. This covenant recordation is a required condition in the instructions for closure of escrow on the property.

Completed Area Name: P6+7
Completed Sub Area Name: Not reported
Completed Document Type: Finding of Suitability to Transfer
Completed Date: 08/17/2004
Comments: DTSC concurred with the Finding of Suitability to Transfer (FOST) for an approximately 19-acre property at 63D Army Reserve Enclave, Oakland, CA, commonly known as the Subaru Lot, consisting of parcels 6 and 7, for transfer to the City of Oakland. The property is to be used for development consistent with the uses identified in the OBRA s Final Reuse Plan for the Former Oakland Army Base dated July 31, 2002.

Completed Area Name: P18+19+21
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 06/14/2007
Comments: Based upon existing information and DTSC's oversight at Parcel 18 and Subparcels 19 and 21, DTSC has determined that the Army Reserve will have completed the required remedy pursuant to the RAP Amendment immediate upon execution and recordation of the "Covenant to Restrict Use of Property, Environmental Restriction." Covenant recordation is a required condition before the Army Reserve may transfer the subject property.

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported

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OAKLAND ARMY RESERVE EXCHANGE (Continued) **S106965131**

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: 71000002
Status: Certified
Status Date: 06/25/2009
Site Code: 201585
Site Type: State Response
Site Type Detailed: Closed Base
Acres: 42
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Henry Wong
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: Other Non-Military Funds
Latitude: 37.82430
Longitude: -122.2973
APN: NONE SPECIFIED
Past Use: TRANSFER STATION, HAZARDOUS WASTE STORAGE - TANKS/CONTAINERS, HOSPITAL, JUNKYARD, OIL/WATER SEPARATORS, VEHICLE MAINTENANCE, TRANSPORTATION - WAREHOUSING
Potential COC: Arsenic Total Chromium (1:6 ratio Cr VI:Cr III Lead Polynuclear aromatic hydrocarbons (PAHs TPH-diesel TPH-gas TPH-JET FUEL TPH-MOTOR OIL Polynuclear aromatic hydrocarbons (PAHs
Confirmed COC: Arsenic Lead Polynuclear aromatic hydrocarbons (PAHs TPH-diesel TPH-gas TPH-MOTOR OIL
Potential Description: OTH, SOIL
Alias Name: 110033612357
Alias Type: EPA (FRS #)
Alias Name: T10000001240
Alias Type: GeoTracker Global ID
Alias Name: 201585
Alias Type: Project Code (Site Code)
Alias Name: 71000002
Alias Type: Envirostor ID Number
Alias Name: 80001200
Alias Type: Envirostor ID Number
Alias Name: 80001225
Alias Type: Envirostor ID Number
Alias Name: 80001227
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: HWD
Completed Sub Area Name: Not reported
Completed Document Type: *Site Inspection (SI) Workplan

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OAKLAND ARMY RESERVE EXCHANGE (Continued) **S106965131**

Completed Date: 09/27/2004
Comments: DTSC issued a no further comment letter on the SI Workplan.

Completed Area Name: HWD
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation / Feasibility Study
Completed Date: 05/29/2007
Comments: DTSC approved the Remedial Investigation/Feasibility Study Report (RI/FS) dated May 2007 for the Heroic War Dead U.S. Army Reserve Center. The RI/FS compiles, summarizes, and integrates the results of previous and current environmental studies conducted in order to identify remedial action objectives and a recommended remedial alternative for the property that is protective of human health and the environment. The work completed in support of this objective that has not previously been reported included the collection and analysis of soil samples from two areas of the property in September and October 2006 with impacts from lead and carcinogenic polynuclear aromatic hydrocarbons, screening to identify contaminants of concern, and performance of a Feasibility Study to evaluate potential remedial alternatives and to identify and describe recommended remedial actions for the entire 16-acre Heroic War Dead property.

Completed Area Name: HWD
Completed Sub Area Name: Not reported
Completed Document Type: *Action Memorandum (if <$1M)
Completed Date: 06/07/2007
Comments: DTSC approved the Removal Action Workplan for the Heroic War Dead United States Army Reserve Center, in Oakland, California. The selected remedy is Alternative 6, which include (a) institutional controls, (b) excavation and offsite disposal of polynuclear aromatic hydrocarbon-impacted soil at the Building 1064 Yard, (c) engineered asphalt cap for lead-impacted soil at the Building 1070 Yard, and (d) groundwater monitoring.

Completed Area Name: HWD
Completed Sub Area Name: Not reported
Completed Document Type: Deed/LUR Enforcement & Implementation Plan
Completed Date: 06/29/2007
Comments: The Implementation and Enforcement Plan is Section 4.02 of the Covenant to Restrict Use of Property, Environmental Restriction. DTSC signed the Covenant on 6/18/07. The Army Reserve signed the Covenant on 6/21/07. The Army Reserve recorded the Covenant with the Alameda County Assessor's Office on 6/29/07.

Completed Area Name: P6+7
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 06/14/2004
Comments: On 6/14/04, DTSC issued a fact sheet informing the public of the draft Amendment to the Final Remedial Action Plan Oakland Army Base (draft RAP Amendment) for the Subaru Lot and inviting the community to review and comment on the draft RAP Amendment.

Completed Area Name: HWD
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 06/08/2007

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OAKLAND ARMY RESERVE EXCHANGE (Continued) **S106965131**

Comments: DTSC approved the Remedial Design Work Plan for the Heroic War Dead United States Army Reserve Center, in Oakland, California. The plan details cleanup activities for the Building 1070 Yard at the Heroic War Dead site. The Army Reserve plans to complete cleanup activities in three weeks.

Completed Area Name: HWD
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 06/29/2007
Comments: Based upon existing information, DTSC's oversight at the Heroic War Dead United States Army Reserve Center, and DTSC s review on the June 2007 Remedy Completion Report, DTSC has determined that the Army Reserve will have completed the required remedy pursuant to the Removal Action Workplan immediate upon execution and recordation of the "Covenant to Restrict Use of Property, Environmental Restriction" scheduled on 6/29/07. Covenant recordation is a required condition before the Army Reserve may transfer the subject property.

Completed Area Name: P18+19+21
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 10/23/2006
Comments: DTSC prepared a fact sheet for the Remedial Action Plan Amendment for Parcel 18 and Subparcels 19 and 21.

Completed Area Name: P18+19+21
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 10/23/2006
Comments: DTSC prepared a public notice for the Remedial Action Plan Amendment for Parcel 18 and Subparcels 19 and 21. The 30-day public comment period starts on 10/23/06 and ends on 11/21/06. DTSC will hold a public meeting on 11/9/06.

Completed Area Name: HWD
Completed Sub Area Name: Not reported
Completed Document Type: Finding of Suitability to Transfer
Completed Date: 06/29/2007
Comments: On 6/27/07, DTSC issued the Finding of Suitability to Transfer Concurrence Letter for the Heroic War Dead United States Army Reserve Center conditioned upon recordation of the covenant. Covenant recordation is a required escrow instruction before the Army Reserve may transfer the subject property scheduled on 6/29/07. The Army Reserve shall record the enclosed Covenant to Restrict Use of Property, Environmental Restriction, with the Alameda County Assessor s Office.

Completed Area Name: HWD
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 05/14/2007
Comments: Not reported

Completed Area Name: HWD
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets

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OAKLAND ARMY RESERVE EXCHANGE (Continued) **S106965131**

Completed Date: 05/14/2007
Comments: Not reported

Completed Area Name: P6+7
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 05/02/2005
Comments: Not reported

Completed Area Name: HWD
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 06/25/2009
Comments: On 6/25/09, DTSC completed the Remedial Action Certification for the "Heroic War Dead U.S. Army Reserve Center" site. The U.S. Army Reserve and East Bay Municipal Utility District implemented the remedy as selected in the Removal Action Workplan developed for the Heroic War Dead United States Army Reserve Center. Field cleanup activities included: (a) construction of an engineered asphalt cap over lead-impacted soil in the Building 1070 Yard; (b) construction of additional exploratory borings, test pits and an exploratory excavation in the Building 1064 Yard near the PV18 test pit area; and (c) installation of additional groundwater monitoring wells in the Building 1070 Yard. On 6/29/07, the Army Reserve recorded the "Covenant to Restrict Use of Property, Environmental Restriction" with the Alameda County Assessor s Office to establish land and groundwater use restrictions and require proper soil and groundwater management practices.

Completed Area Name: P18+19+21
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 05/01/2009
Comments: On December 4, 2006, DTSC approved the Remedial Action Plan Amendment, which specified an institutional control remedy in a form of a land use covenant. The Army Reserve recorded the Covenant to Restrict Use of Property, Environmental Restriction on June 29, 2007 with the Alameda County Assessor s Office. Recordation of the covenant constitutes implementation of the remedial action. The Army Reserve and DTSC executed the Covenant to Restrict Use of Property, Environmental Restriction on June 29, 2007, which prohibits sensitive land uses, restricts construction of groundwater wells and the extraction of groundwater, and requires submittal of annual inspection reports. The Port of Oakland and DTSC entered into a Consent Agreement identifying land use restrictions in the Covenant to Restrict Use of Property, Environmental Restriction. Specifically, the Port of Oakland agreed to retain all inspection, certification, and reporting responsibilities as required in the Covenant, Section 4.02 and responsibility to pay all State costs associated with the administration of the Covenant pursuant to the California Code of Regulations, section 67391.1(h). The remedial action objectives were based on commercial and industrial land uses. Since residual chemicals in soil and groundwater at the site render the property not suitable for unrestricted use, five-year statutory reviews are required for this site. However, DTSC has determined that the Port of Oakland’s compliance with the annual inspection reporting requirements pursuant to the covenant would satisfy the five-year

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OAKLAND ARMY RESERVE EXCHANGE (Continued) **S106965131**

review requirement.

Completed Area Name: P18+19+21
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 06/29/2007
Comments: On 6/29/07 the Army Reserve transferred Parcel 18 and Subparcels 19 and 21 at the former Oakland Army Base to the Port of Oakland. On 6/29/07 the Port of Oakland and DTSC signed the Consent Agreement, which binds the Port of Oakland to comply with the environmental restrictions for Parcel 18 and Subparcels 19 and 21 as necessary to protect human health and the environment. These environmental restrictions are consistent with the DTSC-approved 12/4/06 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 .

Completed Area Name: P18+19+21
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Assessment
Completed Date: 12/04/2006
Comments: DTSC approved the Remedial Action Plan Amendment for Parcel 18 and Subparcels 19 and 21 on December 4, 2006. The parcels total approximately 6.76 acres. The selected remedy is institutional controls that prohibit sensitive land uses, prohibit the construction of groundwater wells and the extraction of groundwater, and require implementation and enforcement plan compliance. DTSC approved the Notice of Determination on December 4, 2006 and filed the document with the State Clearinghouse on December 19, 2006.

Completed Area Name: HWD
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Assessment
Completed Date: 06/07/2007
Comments: DTSC approved the Notice of Exemption for the Heroic War Dead United States Army Reserve Center, in Oakland, California. DTSC had considered the proposed project activities, and determined that the project activities would not cause a significant environmental effect. The bases for this determination were (a) the limited project scale in an industrially developed area and (b) the lack of potential resources due to prior land disturbance and current site use patterns. DTSC will file the Notice of Exemption with the State s Office of Planning and Research in the week of June 11, 2007.

Completed Area Name: P6+7
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 05/01/2009
Comments: On August 2, 2004, DTSC approved the Amendment to Remedial Action Plan, which specified an institutional control remedy in a form of a land use covenant. The Army Reserve recorded the Covenant to Restrict Use of Property, Environmental Restriction on November 18, 2004 with the Alameda County Assessor s Office. Recordation of the covenant constitutes implementation of the remedial action. The Army Reserve and DTSC executed the Covenant to Restrict Use of Property, Environmental Restriction on November 18, 2004, which prohibits sensitive land uses, restricts construction of groundwater wells and

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OAKLAND ARMY RESERVE EXCHANGE (Continued) **S106965131**

the extraction of groundwater, and requires submittal of annual inspection reports. The City of Oakland and DTSC entered into a Consent Agreement identifying land use restrictions in the Covenant to Restrict Use of Property, Environmental Restriction. Specifically, the City of Oakland agreed to retain all inspection, certification, and reporting responsibilities as required in the Covenant, Section 4.02 and responsibility to pay all State costs associated with the administration of the Covenant pursuant to the California Code of Regulations, section 67391.1(h). The remedial action objectives were based on commercial and industrial land uses. Since residual chemicals in soil and groundwater at the site render the property not suitable for unrestricted use, five-year statutory reviews are required for this site.

Completed Area Name: P6+7
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Assessment
Completed Date: 08/27/2004
Comments: Not reported

Completed Area Name: Basewide
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement
Completed Date: 06/02/2006
Comments: DTSC issued a letter acknowledging the receipt of the Army Reserve s letter dated May 12, 2006 which agrees to reimburse DTSC s oversight cost at the Oakland Army Reserve Exchange.

Completed Area Name: P6+7
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 08/02/2004
Comments: DTSC approved the Remedial Action Plan Amendment for the Subaru Lot on August 2, 2004.

Completed Area Name: P18+19+21
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 12/04/2006
Comments: DTSC approved the Remedial Action Plan Amendment for Parcel 18 and Subparcels 19 and 21 on December 4, 2006. The parcels total approximately 6.76 acres. The selected remedy is institutional controls that prohibit sensitive land uses, prohibit the construction of groundwater wells and the extraction of groundwater, and require implementation and enforcement plan compliance.

Completed Area Name: P18+19+21
Completed Sub Area Name: Not reported
Completed Document Type: Deed/LUR Enforcement & Implementation Plan
Completed Date: 06/29/2007
Comments: The Implementation and Enforcement Plan is Section 4.02 of the Covenant to Restrict Use of Property, Environmental Restriction. DTSC signed the Covenant on 5/21/07. The Army Reserve signed the Covenant on 6/21/07. The Army Reserve recorded the Covenant with the Alameda County Assessor's Office on 6/29/07.

Completed Area Name: P18+19+21

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OAKLAND ARMY RESERVE EXCHANGE (Continued) **S106965131**

Completed Sub Area Name: Not reported
Completed Document Type: Finding of Suitability to Transfer
Completed Date: 06/29/2007
Comments: DTSC issued a conditional FOST Concurrence Letter to the Army Reserve on 6/14/07 stating that DTSC would concur with the subject FOST when: (a) the Army Reserve revise the environmental restriction in the FOST consistent with that in the Covenant to Restrict Use of Property, Environmental Restriction, and (b) execute the Covenant to Restrict Use of Property, Environmental Restriction, and recorded this covenant with the Alameda County Assessor s Office. The Army Reserve plans to transfer the parcels to the Port of Oakland by 6/29/07.

Completed Area Name: HWD
Completed Sub Area Name: Not reported
Completed Document Type: *Site Inspection (SI) Report
Completed Date: 05/29/2007
Comments: Information gathered during the Site Inspection program was used in the preparation of the Remedial Investigation Report. No action on the Site Inspection Report is needed.

Completed Area Name: P6+7
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 08/17/2004
Comments: Based upon existing information and our oversight on past investigation, remedy selection, and remedy implementation, DTSC is certifying that all necessary remedies for the Subaru Lot required in the approved RAP Amendment will be in place when the covenant is recorded with the Alameda County Assessor s Office. This covenant recordation is a required condition in the instructions for closure of escrow on the property.

Completed Area Name: P6+7
Completed Sub Area Name: Not reported
Completed Document Type: Finding of Suitability to Transfer
Completed Date: 08/17/2004
Comments: DTSC concurred with the Finding of Suitability to Transfer (FOST) for an approximately 19-acre property at 63D Army Reserve Enclave, Oakland, CA, commonly known as the Subaru Lot, consisting of parcels 6 and 7, for transfer to the City of Oakland. The property is to be used for development consistent with the uses identified in the OBRA s Final Reuse Plan for the Former Oakland Army Base dated July 31, 2002.

Completed Area Name: P18+19+21
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 06/14/2007
Comments: Based upon existing information and DTSC's oversight at Parcel 18 and Subparcels 19 and 21, DTSC has determined that the Army Reserve will have completed the required remedy pursuant to the RAP Amendment immediate upon execution and recordation of the "Covenant to Restrict Use of Property, Environmental Restriction." Covenant recordation is a required condition before the Army Reserve may transfer the subject property.

Future Area Name: Not reported

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OAKLAND ARMY RESERVE EXCHANGE (Continued) **S106965131**

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

MCS:
Global Id: T10000001240
Latitude: 0
Longitude: 0
Case Type: Military Cleanup Site
Status: Completed - Case Closed
Status Date: 06/25/2009
Lead Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL
Caseworker: HW
Local Agency: DEPARTMENT OF TOXIC SUBSTANCES CONTROL
RB Case Number: 16910
LOC Case Number: 71000002
File Location: DTSC
Potential Media Affect: Not reported
EDR Link ID: T10000001240
Potential Contaminants of Concern: Not reported
Site History: From Envirostor: The Oakland Army Reserve Exchange (Site) consists of three non-contiguous properties near the eastern terminus of the San Francisco-Oakland Bay Bridge. The Site includes (1) the Heroic War Dead United States Army Reserve Center at 2400 Engineer Road, Oakland, California, 16 acres, (2) former Base Realignment and Closure (BRAC) Parcels 6 and 7 (also known as the Subaru Lot), 19 acres, at the former Oakland Army Base, and (3) former BRAC Parcels 18 and portions of former BRAC Parcels 19 and 21, 6.76 acres, at the former Oakland Army Base. These areas total to approximately 42 acres. The United States Army Reserve is the property owner of the Site. The Headquarters, United States Army, 63D Regional Readiness Command in Los Alamitos, California is managing all operations at the Site. Previous site assessment and investigation efforts reveal that the Site is potentially impacted in soil and groundwater with metals, volatile organic compounds, semi-volatile organic compounds, pesticides, polychlorinated biphenyls, and total petroleum hydrocarbons. Detailed chemical data for the Site would be available upon completion of remedial investigation. The Site area was principally intertidal mudflats as late as the early 1930s. Landfilling activities created the land for the development of industrial, commercial, and military facilities. Since the mid-1930s, the Site vicinity has been used for industrial, shipping and maritime, and military and government agency facilities and activities. The Site is composed of office buildings, maintenance and storage buildings, and open lots used to support mission requirements for the Heroic War Dead United States Army Reserve Center. The current land use includes the following: United States Army Reserve administration, vehicle maintenance and repair operations, and medical equipment and vehicle storage activities. DTSC issued a Conditional Remedy Completion Letter for Parcels 6 and 7 in August 2004. On June 7, 2007, DTSC approved the Removal Action Workplan, Heroic War Dead United States Army Reserve Center, Oakland,

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OAKLAND ARMY RESERVE EXCHANGE (Continued) **S106965131**

California. The Army Reserve and the East Bay Municipal Utility District (EBMUD) implemented the remedy as selected in the Removal Action Workplan. The June 2007 Remedy Completion Report documents the field cleanup activities consisting of: (a) constructing an engineered asphalt cap over lead contaminated soil in the Building 1070 Yard, (b) advancing additional exploratory borings, test pits, and an exploratory excavation in the Building 1064 Yard near the PV18 test pit area, and (c) installing additional groundwater monitoring wells in the Building 1070 Yard. The Army Reserve and EBMUD implemented field cleanup activities in general accordance with the DTSC approved Remedial Design Work Plan dated June 2007 for the site. The Army Reserve recorded the Covenant to Restrict Use of Property, Environmental Restriction with the Alameda County Assessors Office on June 29, 2007. DTSC effectively approved the Remedy Completion Report on June 29, 2007. The Army Reserve transferred the Heroic War Dead to EBMUD on June 29, 2007; and former BRAC Parcels 18 and portions of former BRAC Parcels 19 and 21 to the Port of Oakland on June 29, 2007. DTSC and the Port of Oakland signed a Consent Agreement on June 29, 2007.

Click here to access the California GeoTracker records for this facility:

BE257
NW
1/2-1
0.980 mi.
5172 ft.

Relative:
Lower

Actual:
13 ft.

MARCHANT/WHITNEY
5679 HORTON STREET
EMERYVILLE, CA 94608

Site 2 of 2 in cluster BE

RESPONSE **S111464696**
ENVIROSTOR **N/A**
LUST
Alameda County CS
Cortese
CERS

RESPONSE:

Facility ID:	60001628
Site Type:	State Response
Site Type Detail:	State Response or NPL
Acres:	1.75
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Janet Naito
Supervisor:	Janet Naito
Division Branch:	Cleanup Berkeley
Site Code:	202142
Site Mgmt. Req.:	NONE SPECIFIED
Assembly:	15
Senate:	09
Special Program Status:	Not reported
Status:	Active
Status Date:	02/07/2012
Restricted Use:	NO
Funding:	Responsible Party
Latitude:	37.83741
Longitude:	-122.2910
APN:	049 155200100, 49-1319-1-20, 49-1552-1
Past Use:	MANUFACTURING - INDUSTRIAL MACHINERY, MANUFACTURING - OTHER
Potential COC :	Lead Trichloroethylene (TCE Vinyl chloride TPH-diesel TPH-gas TPH-MOTOR OIL
Confirmed COC:	30024-NO 30025-NO 3002502-NO 30013-NO Trichloroethylene (TCE Vinyl chloride
Potential Description:	OTH, SOIL, SV

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MARCHANT/WHITNEY (Continued) **S111464696**

Alias Name: 049 155200100
Alias Type: APN
Alias Name: 49-1319-1-20
Alias Type: APN
Alias Name: 49-1552-1
Alias Type: APN
Alias Name: 201929
Alias Type: Project Code (Site Code)
Alias Name: 202142
Alias Type: Project Code (Site Code)
Alias Name: 60001628
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/06/2015
Comments: E-mail notification that Project Manager temporarily changed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 02/25/2013
Comments: Pilot study to test dual-phase (groundwater and soil gas) remediation at the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 01/31/2012
Comments: Request for Agency Oversight of a Brownfield Site, Marchant/Whitney Site, signed and submitted by City of Emeryville Redevelopment Agency on 1/31/2012.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 08/14/2013
Comments: DPE was effective in removing approx. 11 lbs of TCE during the 5-day pilot study. DPE will be retained as a potential remedial technology for futher evaluation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 09/11/2012
Comments: Final Subsurface Environmental Investigations Report dated August 2012, approved by DTSC in letter dated September 11, 2012. Report provides summary of historical land uses at site and neighboring properties, and summarizes results of environmental investigations conducted to date at site. Data in report will guide mitigation and remedial measures needed for building construction, future occupancy, and site in general. Based on investigation data, a preliminary site conceptual model is presented to begin the framework for identifying potential data gaps and for future evaluation of potential human health risks and remedial alternatives.

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MARCHANT/WHITNEY (Continued) **S111464696**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Workplan
Completed Date: 03/04/2013
Comments: Final Human Health Risk Assessment Work Plan dated January 2013, reviewed by DTSC Human Health Risk office and approved in letter dated March 4, 2013. Work Plan presents summary of analytical data, technical assumptions, procedures, and methodology to be used in preparation of Human Health Risk Assessment Report. Report will provide quantitative assessment of potential hypothetical risk to human health at the site corporation yard building after construction of an Emergency Operations Center.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 05/03/2013
Comments: Treatability Study

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 08/19/2016
Comments: This approved Work Plan has been prepared in response to DTSC comments on the Draft Remedial Investigation Report (RI Report) that was submitted in March 2016. Although substantial investigations have been conducted on shallower groundwater at the FMW Site, additional groundwater investigations are proposed to address a data gap identified by DTSC regarding the vertical and lateral extent of contamination in deeper groundwater within the 4360 Unit and Below at the Site. The Work Plan includes a description of the proposed additional groundwater investigations in the 4360 Unit and Below; methods and procedures to implement the investigation; and the proposed schedule. An overview of site history and the geologic and hydrogeologic setting and an overview of previous investigations can be found in the RI Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 02/26/2013
Comments: work to start 3/13 for treatability study

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 11/30/2012
Comments: workplan to collect soil samples for excavation limits delineation

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 11/28/2012
Comments: Work Notice of Field Work Beginning December 7, 2012, according to the Additional Investigation Work Plan. The City of Emeryville will be conducting soil investigation in preparation of remediation and re-construction of office facilities at site. Work activities will

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MARCHANT/WHITNEY (Continued) **S111464696**

include presence of at least two work vehicles, a drill rig, a crew of three to five men, and drilling approximately 12 soil borings around the site to collect soil samples and 3 borings to characterize groundwater.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/28/2012
Comments: Soil Investigation

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 01/02/2013
Comments: workplan to conduct soil gas and indoor air monitoring in the warehouse

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 07/08/2016
Comments: The evaluation of remedial investigation results indicates that: The past uses of the FMW Site and neighboring sites have been investigated from publicly available information and from additional investigations and site assessments associated with neighboring properties (EKI, 2015a; EKI 2016a). Based on the distribution of COCs in the subsurface and historical land uses, the former Marchant facility and WRTC were identified as potential on-site sources of COCs and neighboring properties to the north and upgradient to the east were also identified as potential off-site sources of COCs to the FMW Site or to Site B. TCE is the primary COC at the FMW Site. In addition to TCE, the following COCs were detected in indoor air, subsurface vapor, soil, and groundwater greater than applicable screening criteria (Section 3.0): o Indoor air: VC. o Sub-slab vapor: PCE and chloroform. o Soil vapor: cDCE, tDCE, VC, chloroethane, PCE, and chloroform. o Soil: cDCE, tDCE, VC, bromomethane, cadmium, and TEPH. o Groundwater: PCE, cDCE, tDCE, VC, 1,1-DCA, 1,1-DCE, 1,2-DCA, 1,1,2-TCA, and TEPH. The selected laboratory analyses run for various chemical classes were based on historical land uses. The lateral extent of COCs in the subsurface at the FMW Site has been delineated above -60 feet msl (approximately 73 feet bgs) within the S10, 1032, and 3243 Units. The bulk of the groundwater contamination is located within the S10 and 1032 Units (Figure 3-1a.1 to 3-1g). The coarser-grained 1032 Unit provides the primary pathways for downgradient migration of elevated concentrations of TCE in groundwater onto the southern portion of Site B and the northern portion of South Bayfront (Figures 3-1c and 3-1d). The magnitude of elevated TCE concentrations in the 1032 Unit do not extend into the deeper finer-grained stratigraphic units. It does not appear that the TCE-impacted groundwater emanating from the FMW site extends downgradient past Shellmound Street. The geologic, hydrogeologic, chemical distribution, and CSIA data described in Sections 2.0 and 3.0 support these conclusions. The density of groundwater sampling locations, in-situ testing locations, and well locations is sufficient in these Units to provide the basis for the analysis of remedial alternatives. Sampling, in-situ testing, and well locations

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MARCHANT/WHITNEY (Continued) **S111464696**

targeted probable historical use and contamination sources and are also located on random grid points. EKI recommends further characterization of the lateral and vertical extent of groundwater impacts within the 4360 Unit and deeper units on the FMW Site, which is consistent with DTSC s statement (DTSC, 2015). Characterization of the 4360 Unit is generally limited to the western portion of the FMW Site and grab groundwater samples have been collected below the 4360 Unit at select locations on the FMW Site and the southeastern portion of Site B (Figure 3-1g). Additional investigations in the 4360 Unit and deeper units will be conducted as part of a data gap investigation for the Site. Evaluation of remedial measures may proceed based on what is known about the soil and groundwater above -43 feet msl., However, additional investigations in the 4360 Unit and deeper units will be conducted as part of a data gap investigation for the Site.

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: Pre-HARP Form
Completed Date: 10/21/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 03/16/2015
Comments: Pre-HARP for site

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/22/2016
Comments: The purpose of this letter is to advise the Native American Heritage Commission (NAHC) Tribal Consultation contacts that the California Department of Toxic Substances Control (DTSC) is the lead agency for environmental review of a draft Remedial Action Plan (RAP) for the Former Marchant Whitney (FMW) Site, which is located at 5679 Horton Street (APN #049-1552-01 and #049-1319-1-20) in Emeryville, Alameda County, California. Soils and groundwater at the approximately 1.75-acre parcel have been affected by historical releases of the solvent trichloroethylene (TCE) and related chemicals. DTSC is overseeing remedial activities on the Site in accordance with DTSC s agreement with the City of Emeryville as Successor Agency to the Emeryville Redevelopment Agency.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/31/2017

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MARCHANT/WHITNEY (Continued) **S111464696**

Comments: This letter serves as notification to the Department of Toxic Substances Control that the project manager for the City of Emeryville as Successor Agency to the Emeryville Redevelopment Agency for the Marchant/Whitney Site will change as of June 12, 2017, from Michael G. Biddle to Michael A. Guina, City Attorney, City of Emeryville.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/18/2013
Comments: Notification letter regarding Former Marchant/Whitney Project Site - Draft Interim Measures Removal Action Workplan. Per CEQA, letter addressed to interested Native American Tribes, communities, organizations, groups, and individuals, to provide information on the proposed project and to address comments and/or concerns.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 10/09/2017
Comments: REQUEST FOR INFORMATION AND DOCUMENTS [Health & Safety Code 25358.1]. TO THE REPRESENTATIVE OF The City of Emeryville as Successor Agency to the Emeryville Redevelopment Agency: The Department of Toxic Substances Control (DTSC) has determined that there is a reasonable basis to believe that there may be a release or threatened release of a hazardous substance at or around the former Marchant/Whitney site, 5679 Horton Street, Emeryville, CA 94608, Assessor s Parcel Numbers (APNs): 49-1552-1, 49-1319-1-20 (hereinafter the Site). DTSC has identified The City of Emeryville as Successor Agency to the Emeryville Redevelopment Agency (The City) as having information and/or documents relevant to the identification, nature, and quantity of materials generated, treated, stored, disposed, or transported at or to the Site and/or the nature and extent of a release or threatened release of hazardous substances at or from the Site. (Health & Safety Code 25358.1(b).) The deadline for complying with this Request for Information and Documents is 30 days after the date of this letter, October 9, 2017.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/15/2017
Comments: On November 7, 2017, the Department of Toxic Substances Control (DTSC) received the request for records. DTSC responded on November 16, 2017. DTSC produced the records on December 15, 2017.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/19/2017
Comments: Correspondence transmitted via email: Attached is a letter prepared by Amec Foster Wheeler Environment & Infrastructure, Inc., regarding the above-referenced site, and in particular, the Final Remedial Investigation Report dated June 30, 2016 for the FMW Site prepared by Erler & Kalinowski, Inc. (EKI). The letter was prepared and is being submitted on behalf of Swagelok Company and Catherine Lennon Lozick.

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MARCHANT/WHITNEY (Continued) **S111464696**

The focus of the review was to evaluate EKI s conclusions regarding the source and migration of trichloroethene (TCE) detected in the subsurface at the FMW Site and EKI s identification of the FMW Site as a source of TCE detected in groundwater at nearby properties.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/03/2017
Comments: Public Records Act Request (PRAR) #2-020717-01. On February 7, 2017 the Department of Toxic Substances Control (DTSC) received a letter dated February 2, 2017 requesting records under the Public Records Act. The letter requested the draft Remedial Action Plan ("RAP") for the Site referred to in the letter dated November 22, 2016 and any other draft RAP for the Site, any draft Fact Sheet for the FMW site, and all documents containing communication between and among DTSC, the City's consultant, and/or any other person regarding any draft RAP and/or Fact Sheet, including without limitation, any DTSC comments on any of the same. On April 3, 2017, DTSC released electronic files of the requested records to the requestor.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/31/2013
Comments: Additional Groundwater Investigation oversight provided by DTSC Geological Services.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 10/31/2013
Comments: Workplan details 14 additional locations/borings on the Site for CPT/MIP

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 10/11/2016
Comments: This Human Health Risk Assessment (HHRA) was prepared pursuant to the Final Human Health Risk Assessment Work Plan (Final Work Plan), dated January 2013 (EKI, 2013a), which was approved by DTSC in a letter dated 4 March 2013 (DTSC, 2013a), DTSC comments provided in a letter dated 1 August 2016, and clarification of comments provided by DTSC in an email dated 15 August 2016. The Final Work Plan presented a summary of the analytical data available to that date (which are updated in this document (see Tables 1a to 1h and Appendix A)), technical assumptions, procedures, and methodology to be used in the preparation of this HHRA. This HHRA provides a quantitative assessment of the potential hypothetical risks to human health due to potential exposure to COCs at the FMW Site for a range of potential future workers and occupants.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 04/08/2015

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MARCHANT/WHITNEY (Continued) **S111464696**

Comments: Workplan for additional onsite groundwater characterization.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 02/01/2016
Comments: 2D-CSIA completed. Report to be submitted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 09/19/2016
Comments: Data Gap (Deep Groundwater) Investigation conducted at the former Marchant/Whitney site in August/September 2016. The investigation addresses delineation of the lateral and vertical extent of contamination in the deep stratigraphic units and the results will be included as an appendix in the FS/RAP.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/04/2016
Comments: Data Gap (Deep Groundwater) Investigation conducted at the former Marchant/Whitney site in August/September 2016. The investigation addresses delineation of the lateral and vertical extent of contamination in the deep stratigraphic units and the results will be included as an appendix in the FS/RAP.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement Termination Notification
Completed Date: 06/23/2017
Comments: On May 14, 2012, the Department of Toxic Substances Control (DTSC) and The City of Emeryville as Successor Agency to the Emeryville Redevelopment Agency (Proponent) entered into Voluntary Cleanup Agreement, Docket Number HSA-VCA 11/12-077 (VCA). In a letter dated June 13, 2017, the Proponent notified DTSC that it is requesting to terminate the VCA. As provided in section 18.1 of the VCA, the VCA will be terminated on July 13, 2017.

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.

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

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MARCHANT/WHITNEY (Continued) **S111464696**

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: Voluntary Cleanup Agreement
Completed Date: 05/14/2012
Comments: VCA for DTSC oversite of soil and groundwater investigation and remediation.

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: 09/06/2013
Comments: soil & soil gas results for south corner of site.

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: Community Profile
Completed Date: 08/24/2012
Comments: Community Profile, dated August 2012, describes the community of Emeryville, California, where a voluntary cleanup action is proposed. The profile describes the community's awareness of and concerns about the proposed Marchant/Whitney cleanup action, as well as planned public participation activities.

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: 60001628
Status: Active
Status Date: 02/07/2012
Site Code: 202142
Site Type: State Response

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MARCHANT/WHITNEY (Continued) **S111464696**

Site Type Detailed: State Response or NPL
Acres: 1.75
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Janet Naito
Supervisor: Janet Naito
Division Branch: Cleanup Berkeley
Assembly: 15
Senate: 09
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.83741
Longitude: -122.2910
APN: 049 155200100, 49-1319-1-20, 49-1552-1
Past Use: MANUFACTURING - INDUSTRIAL MACHINERY, MANUFACTURING - OTHER
Potential COC: Lead Trichloroethylene (TCE Vinyl chloride TPH-diesel TPH-gas TPH-MOTOR OIL
Confirmed COC: 30024-NO 30025-NO 3002502-NO 30013-NO Trichloroethylene (TCE Vinyl chloride
Potential Description: OTH, SOIL, SV
Alias Name: 049 155200100
Alias Type: APN
Alias Name: 49-1319-1-20
Alias Type: APN
Alias Name: 49-1552-1
Alias Type: APN
Alias Name: 201929
Alias Type: Project Code (Site Code)
Alias Name: 202142
Alias Type: Project Code (Site Code)
Alias Name: 60001628
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/06/2015
Comments: E-mail notification that Project Manager temporarily changed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 02/25/2013
Comments: Pilot study to test dual-phase (groundwater and soil gas) remediation at the site.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Application
Completed Date: 01/31/2012
Comments: Request for Agency Oversight of a Brownfield Site, Marchant/Whitney Site, signed and submitted by City of Emeryville Redevelopment Agency on 1/31/2012.

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MARCHANT/WHITNEY (Continued) **S111464696**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 08/14/2013
Comments: DPE was effective in removing approx. 11 lbs of TCE during the 5-day pilot study. DPE will be retained as a potential remedial technology for futher evaluation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 09/11/2012
Comments: Final Subsurface Environmental Investigations Report dated August 2012, approved by DTSC in letter dated September 11, 2012. Report provides summary of historical land uses at site and neighboring properties, and summarizes results of environmental investigations conducted to date at site. Data in report will guide mitigation and remedial measures needed for building construction, future occupancy, and site in general. Based on investigation data, a preliminary site conceptual model is presented to begin the framework for identifying potential data gaps and for future evaluation of potential human health risks and remedial alternatives.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Workplan
Completed Date: 03/04/2013
Comments: Final Human Health Risk Assessment Work Plan dated January 2013, reviewed by DTSC Human Health Risk office and approved in letter dated March 4, 2013. Work Plan presents summary of analytical data, technical assumptions, procedures, and methodology to be used in preparation of Human Health Risk Assessment Report. Report will provide quantitative assessment of potential hypothetical risk to human health at the site corporation yard building after construction of an Emergency Operations Center.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 05/03/2013
Comments: Treatability Study

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 08/19/2016
Comments: This approved Work Plan has been prepared in response to DTSC comments on the Draft Remedial Investigation Report (RI Report) that was submitted in March 2016. Although substantial investigations have been conducted on shallower groundwater at the FMW Site, additional groundwater investigations are proposed to address a data gap identified by DTSC regarding the vertical and lateral extent of contamination in deeper groundwater within the 4360 Unit and Below at the Site. The Work Plan includes a description of the proposed additional groundwater investigations in the 4360 Unit and Below; methods and procedures to implement the investigation; and the proposed schedule. An overview of site history and the geologic and

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MARCHANT/WHITNEY (Continued) **S111464696**

hydrogeologic setting and an overview of previous investigations can be found in the RI Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 02/26/2013
Comments: work to start 3/13 for treatability study

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 11/30/2012
Comments: workplan to collect soil samples for excavation limits delineation

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 11/28/2012
Comments: Work Notice of Field Work Beginning December 7, 2012, according to the Additional Investigation Work Plan. The City of Emeryville will be conducting soil investigation in preparation of remediation and re-construction of office facilities at site. Work activities will include presence of at least two work vehicles, a drill rig, a crew of three to five men, and drilling approximately 12 soil borings around the site to collect soil samples and 3 borings to characterize groundwater.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/28/2012
Comments: Soil Investigation

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 01/02/2013
Comments: workplan to conduct soil gas and indoor air monitoring in the warehouse

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 07/08/2016
Comments: The evaluation of remedial investigation results indicates that: The past uses of the FMW Site and neighboring sites have been investigated from publicly available information and from additional investigations and site assessments associated with neighboring properties (EKI, 2015a; EKI 2016a). Based on the distribution of COCs in the subsurface and historical land uses, the former Marchant facility and WRTC were identified as potential on-site sources of COCs and neighboring properties to the north and upgradient to the east were also identified as potential off-site sources of COCs to the FMW Site or to Site B. TCE is the primary COC at the FMW Site. In addition to TCE, the following COCs were detected in indoor air, subsurface vapor, soil, and groundwater greater than applicable

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MARCHANT/WHITNEY (Continued) **S111464696**

screening criteria (Section 3.0): o Indoor air: VC. o Sub-slab vapor: PCE and chloroform. o Soil vapor: cDCE, tDCE, VC, chloroethane, PCE, and chloroform. o Soil: cDCE, tDCE, VC, bromomethane, cadmium, and TEPH. o Groundwater: PCE, cDCE, tDCE, VC, 1,1-DCA, 1,1-DCE, 1,2-DCA, 1,1,2-TCA, and TEPH. The selected laboratory analyses run for various chemical classes were based on historical land uses. The lateral extent of COCs in the subsurface at the FMW Site has been delineated above -60 feet msl (approximately 73 feet bgs) within the S10, 1032, and 3243 Units. The bulk of the groundwater contamination is located within the S10 and 1032 Units (Figure 3-1a.1 to 3-1g). The coarser-grained 1032 Unit provides the primary pathways for downgradient migration of elevated concentrations of TCE in groundwater onto the southern portion of Site B and the northern portion of South Bayfront (Figures 3-1c and 3-1d). The magnitude of elevated TCE concentrations in the 1032 Unit do not extend into the deeper finer-grained stratigraphic units. It does not appear that the TCE-impacted groundwater emanating from the FMW site extends downgradient past Shellmound Street. The geologic, hydrogeologic, chemical distribution, and CSIA data described in Sections 2.0 and 3.0 support these conclusions. The density of groundwater sampling locations, in-situ testing locations, and well locations is sufficient in these Units to provide the basis for the analysis of remedial alternatives. Sampling, in-situ testing, and well locations targeted probable historical use and contamination sources and are also located on random grid points. EKI recommends further characterization of the lateral and vertical extent of groundwater impacts within the 4360 Unit and deeper units on the FMW Site, which is consistent with DTSC s statement (DTSC, 2015). Characterization of the 4360 Unit is generally limited to the western portion of the FMW Site and grab groundwater samples have been collected below the 4360 Unit at select locations on the FMW Site and the southeastern portion of Site B (Figure 3-1g). Additional investigations in the 4360 Unit and deeper units will be conducted as part of a data gap investigation for the Site. Evaluation of remedial measures may proceed based on what is known about the soil and groundwater above -43 feet msl., However, additional investigations in the 4360 Unit and deeper units will be conducted as part of a data gap investigation for the Site.

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: Pre-HARP Form
Completed Date: 10/21/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pre-HARP Form
Completed Date: 03/16/2015

MARCHANT/WHITNEY (Continued) **S111464696**

Comments: Pre-HARP for site

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/22/2016
Comments: The purpose of this letter is to advise the Native American Heritage Commission (NAHC) Tribal Consultation contacts that the California Department of Toxic Substances Control (DTSC) is the lead agency for environmental review of a draft Remedial Action Plan (RAP) for the Former Marchant Whitney (FMW) Site, which is located at 5679 Horton Street (APN #049-1552-01 and #049-1319-1-20) in Emeryville, Alameda County, California. Soils and groundwater at the approximately 1.75-acre parcel have been affected by historical releases of the solvent trichloroethylene (TCE) and related chemicals. DTSC is overseeing remedial activities on the Site in accordance with DTSC s agreement with the City of Emeryville as Successor Agency to the Emeryville Redevelopment Agency.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/31/2017
Comments: This letter serves as notification to the Department of Toxic Substances Control that the project manager for the City of Emeryville as Successor Agency to the Emeryville Redevelopment Agency for the Marchant/Whitney Site will change as of June 12, 2017, from Michael G. Biddle to Michael A. Guina, City Attorney, City of Emeryville.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/18/2013
Comments: Notification letter regarding Former Marchant/Whitney Project Site - Draft Interim Measures Removal Action Workplan. Per CEQA, letter addressed to interested Native American Tribes, communities, organizations, groups, and individuals, to provide information on the proposed project and to address comments and/or concerns.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 10/09/2017
Comments: REQUEST FOR INFORMATION AND DOCUMENTS [Health & Safety Code 25358.1]. TO THE REPRESENTATIVE OF The City of Emeryville as Successor Agency to the Emeryville Redevelopment Agency: The Department of Toxic Substances Control (DTSC) has determined that there is a reasonable basis to believe that there may be a release or threatened release of a hazardous substance at or around the former Marchant/Whitney site, 5679 Horton Street, Emeryville, CA 94608, Assessor s Parcel Numbers (APNs): 49-1552-1, 49-1319-1-20 (hereinafter the Site). DTSC has identified The City of Emeryville as Successor Agency to the Emeryville Redevelopment Agency (The City) as having information and/or documents relevant to the identification, nature, and quantity of materials generated, treated, stored, disposed, or transported at or to the Site and/or the nature and extent of a release or

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MARCHANT/WHITNEY (Continued) **S111464696**

threatened release of hazardous substances at or from the Site. (Health & Safety Code 25358.1(b).) The deadline for complying with this Request for Information and Documents is 30 days after the date of this letter, October 9, 2017.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/15/2017
Comments: On November 7, 2017, the Department of Toxic Substances Control (DTSC) received the request for records. DTSC responded on November 16, 2017. DTSC produced the records on December 15, 2017.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/19/2017
Comments: Correspondence transmitted via email: Attached is a letter prepared by Amec Foster Wheeler Environment & Infrastructure, Inc., regarding the above-referenced site, and in particular, the Final Remedial Investigation Report dated June 30, 2016 for the FMW Site prepared by Erler & Kalinowski, Inc. (EKI). The letter was prepared and is being submitted on behalf of Swagelok Company and Catherine Lennon Lozick. The focus of the review was to evaluate EKI s conclusions regarding the source and migration of trichloroethene (TCE) detected in the subsurface at the FMW Site and EKI s identification of the FMW Site as a source of TCE detected in groundwater at nearby properties.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/03/2017
Comments: Public Records Act Request (PRAR) #2-020717-01. On February 7, 2017 the Department of Toxic Substances Control (DTSC) received a letter dated February 2, 2017 requesting records under the Public Records Act. The letter requested the draft Remedial Action Plan ("RAP") for the Site referred to in the letter dated November 22, 2016 and any other draft RAP for the Site, any draft Fact Sheet for the FMW site, and all documents containing communication between and among DTSC, the City's consultant, and/or any other person regarding any draft RAP and/or Fact Sheet, including without limitation, any DTSC comments on any of the same. On April 3, 2017, DTSC released electronic files of the requested records to the requestor.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 12/31/2013
Comments: Additional Groundwater Investigation oversight provided by DTSC Geological Services.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 10/31/2013
Comments: Workplan details 14 additional locations/borings on the Site for CPT/MIP

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MARCHANT/WHITNEY (Continued) **S111464696**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 10/11/2016
Comments: This Human Health Risk Assessment (HHRA) was prepared pursuant to the Final Human Health Risk Assessment Work Plan (Final Work Plan), dated January 2013 (EKI, 2013a), which was approved by DTSC in a letter dated 4 March 2013 (DTSC, 2013a), DTSC comments provided in a letter dated 1 August 2016, and clarification of comments provided by DTSC in an email dated 15 August 2016. The Final Work Plan presented a summary of the analytical data available to that date (which are updated in this document (see Tables 1a to 1h and Appendix A)), technical assumptions, procedures, and methodology to be used in the preparation of this HHRA. This HHRA provides a quantitative assessment of the potential hypothetical risks to human health due to potential exposure to COCs at the FMW Site for a range of potential future workers and occupants.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 04/08/2015
Comments: Workplan for additional onsite groundwater characterization.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 02/01/2016
Comments: 2D-CSIA completed. Report to be submitted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 09/19/2016
Comments: Data Gap (Deep Groundwater) Investigation conducted at the former Marchant/Whitney site in August/September 2016. The investigation addresses delineation of the lateral and vertical extent of contamination in the deep stratigraphic units and the results will be included as an appendix in the FS/RAP.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/04/2016
Comments: Data Gap (Deep Groundwater) Investigation conducted at the former Marchant/Whitney site in August/September 2016. The investigation addresses delineation of the lateral and vertical extent of contamination in the deep stratigraphic units and the results will be included as an appendix in the FS/RAP.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Voluntary Cleanup Agreement Termination Notification
Completed Date: 06/23/2017
Comments: On May 14, 2012, the Department of Toxic Substances Control (DTSC) and The City of Emeryville as Successor Agency to the Emeryville Redevelopment Agency (Proponent) entered into Voluntary Cleanup

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MARCHANT/WHITNEY (Continued) **S111464696**

Agreement, Docket Number HSA-VCA 11/12-077 (VCA). In a letter dated June 13, 2017, the Proponent notified DTSC that it is requesting to terminate the VCA. As provided in section 18.1 of the VCA, the VCA will be terminated on July 13, 2017.

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.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
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: 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: Voluntary Cleanup Agreement
Completed Date: 05/14/2012
Comments: VCA for DTSC oversite of soil and groundwater investigation and remediation.

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: 09/06/2013
Comments: soil & soil gas results for south corner of site.

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: Community Profile
Completed Date: 08/24/2012

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MARCHANT/WHITNEY (Continued) **S111464696**

Comments: Community Profile, dated August 2012, describes the community of Emeryville, California, where a voluntary cleanup action is proposed. The profile describes the community's awareness of and concerns about the proposed Marchant/Whitney cleanup action, as well as planned public participation activities.

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=T10000007323
Global Id: T10000007323
Latitude: 37.8378702582678
Longitude: -122.290449767441
Status: Open - Eligible for Closure
Status Date: 01/23/2018
Case Worker: MD
RB Case Number: Not reported
Local Agency: ALAMEDA COUNTY LOP
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: RO0003185
Potential Media Affect: Other Groundwater (uses other than drinking water), Soil, Soil Vapor
Potential Contaminants of Concern: Diesel, Gasoline
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 Department of Environmental Health website at: http://ehgis.acgov.org/dehpublic/dehpubiic.jsp. An underground storage tank was discovered in the public right of way adjacent to 5679 Horton Street in Emeryville, CA. The UST was removed on June 17, 2015, Soil samples collected from the tank excavation contained total petroleum hydrocarbons as diesel at concentrations up to 4,400 milligrams per kilogram. A grab groundwater sample collected near the tank excavation contained TPHd at a concentration of 403 micrograms per liter. Several volatile organic compounds were also detected in the grab groundwater sample. Current Land-use at time of Closure The subject site is located in the public right-of-way beneath Horton Street in Emeryville, California, and has therefore been classified as commercial property. Due to residual contamination, the site was closed with site management requirements that include notifying Alameda County Department of Environmental Health (ACDEH) of a proposed change in land use to any residential or conservative land use, or if any redevelopment or building alteration is proposed that affect or disturb the existing subsurface conditions at the site. Adjacent Property(ies) Land-use at Time of Closure To the east and west lie commercial properties, while Horton Street runs (lies) to the north and south. Groundwater contamination from the former underground storage tank (UST) appears to extend to the west beneath the FMW Site. Should off-site redevelopment occur, ACDEH recommends

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MARCHANT/WHITNEY (Continued) **S111464696**

evaluating the redevelopment site(s) for chemicals of concern identified on this site. Historic Land-use / Site Investigation The property at 5679 Horton Street is currently owned by the City of Emeryville, and was occupied by the Citys Public Works Department for use as a corporation yard between 1999 and 2012. At one time the property was also a part of the former Marchant Calculating machine Company facility, and is also known as the FMW Site. Nine soil bores were installed at the site to collect soil, grab groundwater, and soil vapor samples. No wells were installed, and existing data from the adjacent and downgradient FMW Site was utilized to determine the extent of contamination at the site and vicinity. Potential Exposure to Chemicals of Concern Chemicals of Potential concern at the site include TPH as diesel and naphthalene. Potential exposure routes are direct contact with contaminated soil. Remediation Activities Other than removal of the UST and associated soil, no remediation was conducted at the site. Case Closure & Future Site Management Requirements This UST release case has been evaluated for closure consistent with the State Water Resource Control Board Low-Threat Underground Storage Tank Closure Policy (LTCP) for petroleum related contaminants. The site does not meet any of the Vapor Intrusion Media-Specific Criteria of the Low Threat Closure Policy; however, site data has been evaluated and the site has been closed under the current site conditions as a public street with a low risk for vapor intrusion. The UST associated with this case is reported to have stored heating oil. Thus under the LTCP, analysis for poly-aromatic hydrocarbons (PAHs) are not required within the Direct Contact Media-Specific Criteria. However, due to the potential for unknown blends of fuels to have been stored in the UST, PAHs have been evaluated. Given this consideration, the site would not meet the residential or commercial LTCP criterion due to the lack of analysis in soil for PAHs in the 0 to 5 foot interval. However, based on available analytical data in the 0 - 5 foot depth interval the maximum concentration of Total Petroleum Hydrocarbons as diesel or motor oil is 427 milligrams per kilogram (mg/kg). Thus ACDEH concludes that the potential for residual PAH soil contamination to be present beneath the site between 0 and 5 feet in depth, at concentrations over the LTCP Media-Specific numeric values, is unlikely. Additionally, under the current land use, the site is entirely paved resulting in a low potential for direct contact exposure under the current land use as a city street. Excavation or construction activities in areas of potential residual contamination will be managed with a land use restriction, and require planning and implementation of appropriate health and safety procedures by the responsible party and current property owner, prior to and during excavation and construction activities. Due to residual contamination at the site, the site is closed as a commercial site 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. Refer to Attachments 1 through 5 in the Closure Summary Form for analysis details.

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MARCHANT/WHITNEY (Continued) **S111464696**

LUST:

Global Id:	T10000007323
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:	T10000007323
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:	T10000007323
Action Type:	RESPONSE
Date:	07/28/2017
Action:	Electronic Reporting Submittal Due

Global Id:	T10000007323
Action Type:	Other
Date:	08/17/2015
Action:	Leak Stopped

Global Id:	T10000007323
Action Type:	ENFORCEMENT
Date:	10/07/2015
Action:	Notice of Responsibility - #20151007

Global Id:	T10000007323
Action Type:	Other
Date:	05/15/2015
Action:	Leak Discovery

Global Id:	T10000007323
Action Type:	ENFORCEMENT
Date:	01/23/2018
Action:	Notification - Public Participation Document

Global Id:	T10000007323
Action Type:	Other
Date:	08/17/2015
Action:	Leak Reported

Global Id:	T10000007323
Action Type:	Other
Date:	05/15/2015
Action:	Leak Began

Global Id:	T10000007323

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MARCHANT/WHITNEY (Continued) **S111464696**

Action Type: RESPONSE
Date: 06/15/2018
Action: Well Destruction Report

Global Id: T10000007323
Action Type: ENFORCEMENT
Date: 01/23/2018
Action: Staff Letter

Global Id: T10000007323
Action Type: ENFORCEMENT
Date: 09/27/2016
Action: Staff Letter - #20160927

Global Id: T10000007323
Action Type: ENFORCEMENT
Date: 12/28/2016
Action: Staff Letter - #20161228

Global Id: T10000007323
Action Type: RESPONSE
Date: 08/15/2016
Action: Preliminary Site Assessment Workplan - Regulator Responded

Global Id: T10000007323
Action Type: ENFORCEMENT
Date: 08/19/2015
Action: Referral to Local Agency - #20150819

Global Id: T10000007323
Action Type: RESPONSE
Date: 09/12/2017
Action: Request for Closure - Regulator Responded

Global Id: T10000007323
Action Type: ENFORCEMENT
Date: 04/10/2018
Action: Staff Letter

Global Id: T10000007323
Action Type: ENFORCEMENT
Date: 10/07/2015
Action: Staff Letter - #20151007

Global Id: T10000007323
Action Type: ENFORCEMENT
Date: 05/05/2017
Action: Staff Letter

Global Id: T10000007323
Action Type: RESPONSE
Date: 03/17/2017
Action: Soil and Water Investigation Report

Global Id: T10000007323
Action Type: RESPONSE
Date: 11/11/2016

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MARCHANT/WHITNEY (Continued) **S111464696**

Action: Preliminary Site Assessment Workplan - Addendum - Regulator Responded

Global Id: T10000007323
Action Type: RESPONSE
Date: 08/19/2015
Action: Tank Removal Report / UST Sampling Report

LUST:
Global Id: T10000007323
Status: Open - Case Begin Date
Status Date: 05/15/2015

Global Id: T10000007323
Status: Open - Site Assessment
Status Date: 08/26/2015

Global Id: T10000007323
Status: Open - Eligible for Closure
Status Date: 01/23/2018

Alameda County CS:
Status: Pollution Characterization
Record Id: RO0003185
PE: 5602
Facility Status: Pollution Charaterization
Latitude: Not reported
Longitude: Not reported

CORTESE:
Region: CORTESE
Envirostor Id: 60001628
Site/Facility Type: STATE RESPONSE
Cleanup Status: ACTIVE
Status Date: 02/07/2012
Site Code: 201929, 202142
Latitude: 37.837411
Longitude: -122.29100
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: 425857
CERS ID: 60001628
CERS Description: State Response

DRAFT

MARCHANT/WHITNEY (Continued) **S111464696**

Affiliation:

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

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

Site ID:	356725
CERS ID:	T10000007323
CERS Description:	Leaking Underground Storage Tank Cleanup 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

DRAFT

258 NNW 1/2-1 0.994 mi. 5247 ft. | **5701 HOLLIS STREET 5701 HOLLIS STREET EMERYVILLE, CA 94608** | **RESPONSE ENVIROSTOR CPS-SLIC CERS** | **S105557579 N/A**

Relative: Lower

Actual: 19 ft.

RESPONSE:

Facility ID:	60001845
Site Type:	State Response
Site Type Detail:	State Response or NPL
Acres:	0.15
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP, RWQCB 2 - San Francisco Bay
Lead Agency Description:	Not reported
Project Manager:	Not reported
Supervisor:	Karen Toth
Division Branch:	Cleanup Berkeley
Site Code:	Not reported
Site Mgmt. Req.:	NONE SPECIFIED
Assembly:	15
Senate:	09
Special Program Status:	Not reported
Status:	Refer: 1248 Local Agency
Status Date:	09/05/2012
Restricted Use:	NO
Funding:	Responsible Party
Latitude:	37.83862
Longitude:	-122.2891
APN:	NONE SPECIFIED
Past Use:	NONE
Potential COC :	Arsenic Lead Silver TPH-diesel TPH-MOTOR OIL Antimony and compounds Chromium VI
Confirmed COC:	Arsenic Lead TPH-diesel Antimony and compounds Chromium VI TPH-MOTOR OIL Silver
Potential Description:	SOIL
Alias Name:	60001845
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Workplan
Completed Date:	10/01/2012
Comments:	The site cleanup plan requires removal of soil contamiated with TPH diesel, TPH motor oil, lead, hexavalent chromium, antimony, silver and arsenic to unrestricted standards
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Removal Action Completion Report
Completed Date:	08/16/2013
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

DRAFT

5701 HOLLIS STREET (Continued) **S105557579**

Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:
Facility ID: 60001845
Status: Refer: 1248 Local Agency
Status Date: 09/05/2012
Site Code: Not reported
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 0.15
NPL: NO
Regulatory Agencies: SMBRP, RWQCB 2 - San Francisco Bay
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Karen Toth
Division Branch: Cleanup Berkeley
Assembly: 15
Senate: 09
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.83862
Longitude: -122.2891
APN: NONE SPECIFIED
Past Use: NONE
Potential COC: Arsenic Lead Silver TPH-diesel TPH-MOTOR OIL Antimony and compounds Chromium VI
Confirmed COC: Arsenic Lead TPH-diesel Antimony and compounds Chromium VI TPH-MOTOR OIL Silver
Potential Description: SOIL
Alias Name: 60001845
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 10/01/2012
Comments: The site cleanup plan requires removal of soil contamiated with TPH diesel, TPH motor oil, lead, hexavalent chromium, antimony, silver and arsenic to unrestricted standards

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Completion Report
Completed Date: 08/16/2013
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

DRAFT

5701 HOLLIS STREET (Continued) **S105557579**

Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Facility ID: 1340122
Status: Refer: RWQCB
Status Date: 09/15/2006
Site Code: 201417
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 0.48
NPL: NO
Regulatory Agencies: SMBRP, RWQCB 2 - San Francisco Bay
Lead Agency: RWQCB 2 - San Francisco Bay
Program Manager: Not reported
Supervisor: Mark Piros
Division Branch: Cleanup Berkeley
Assembly: 15
Senate: 09
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 37.83874
Longitude: -122.2891
APN: 49-1318-3
Past Use: METAL PLATING - CHROME
Potential COC: Arsenic Trichloroethylene (TCE Chromium III Chromium VI
Confirmed COC: Trichloroethylene (TCE Chromium III Chromium VI Arsenic
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

CPS-SLIC:
Region: STATE
Facility Status: **Completed - Case Closed**
Status Date: 10/01/2006
Global Id: SL0600191921
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: Not reported
Latitude: 37.838585

DRAFT

5701 HOLLIS STREET (Continued) **S105557579**

Longitude:	-122.28914
Case Type:	Cleanup Program Site
Case Worker:	MEJ
Local Agency:	Not reported
RB Case Number:	01S0602
File Location:	State Records Center
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:	334094
CERS ID:	60001845
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

Site ID:	236459
CERS ID:	SL0600191921
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

259
NW
1/2-1
0.995 mi.
5252 ft.

SOUTH BAYFRONT PROJECT
4650, 5500, & 5600 SHELLMOUND STREET/5700 BAY STREET
EMERYVILLE, CA 94608

ENVIROSTOR **S103393756**
VCP **N/A**
DEED

Relative:
Lower

Actual:
9 ft.

ENVIROSTOR:

Facility ID:	1890019
Status:	Certified / Operation & Maintenance
Status Date:	08/22/2000
Site Code:	202025
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup

DRAFT

SOUTH BAYFRONT PROJECT (Continued) **S103393756**

Acres:	22.77
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Tom Price
Supervisor:	Karen Toth
Division Branch:	Cleanup Berkeley
Assembly:	15
Senate:	09
Special Program:	Polanco Redevelopment MOA
Restricted Use:	YES
Site Mgmt Req:	DAY, ELD, HOS, MON, GW, NOWN, EXT, SCH, FOOD, COV
Funding:	Responsible Party
Latitude:	37.83472
Longitude:	-122.2927
APN:	049 103800900, 049 103801700, 049 103801800, 049 103900800, 049 155004800, 049 155104900, 049-1038-001-1, 049-1038-001-4, 049-1038-002, 049-1038-003, 049-1038-006-2, 049-1038-007, 049-1038-008, 049-1516-007-2
Past Use:	PAINT MANUFACTURING, MANUFACTURING - PESTICIDES, VEHICLE MAINTENANCE
Potential COC:	Arsenic Lead Trichloroethylene (TCE Chromium VI Copper and compounds
Confirmed COC:	Trichloroethylene (TCE Chromium VI Copper and compounds Arsenic Lead
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

VCP:

Facility ID:	1890019
Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Cleanup
Site Mgmt. Req.:	DAY, ELD, HOS, MON, GW, NOWN, EXT, SCH, FOOD, COV
Acres:	22.77
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Tom Price
Supervisor:	Karen Toth
Division Branch:	Cleanup Berkeley
Site Code:	202025

DRAFT

SOUTH BAYFRONT PROJECT (Continued) **S103393756**

Assembly: 15
Senate: 09
Special Programs Code: Polanco Redevelopment MOA
Status: Certified / Operation & Maintenance
Status Date: 08/22/2000
Restricted Use: YES
Funding: Responsible Party
Lat/Long: 37.83472 / -122.2927
APN: 049 103800900, 049 103801700, 049 103801800, 049 103900800, 049 155004800, 049 155104900, 049-1038-001-1, 049-1038-001-4, 049-1038-002, 049-1038-003, 049-1038-006-2, 049-1038-007, 049-1038-008, 049-1516-007-2
Past Use: PAINT MANUFACTURING, MANUFACTURING - PESTICIDES, VEHICLE MAINTENANCE
Potential COC: 30001, 30013, 30027, 30153, 30156
Confirmed COC: 30027,30153,30156,30001,30013
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

DEED:
Envirostor ID: 1890019
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): 07/26/2000
File Name: Envirostor Land Use Restrictions

DRAFT

Count: 6 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
EMERYVILLE	S106784842	EMERY VILLAGE CENTER	0 45TH ST & PARK AVE	94608	Alameda County CS
EMERYVILLE	S103556056	RIFKIN REALTY PARTNERS	4525 49 HORTON ST	94608	LUST, HIST CORTESE
EMERYVILLE	S121010052	EMERY STATION WEST LLC	6100 HORTON STREET	94608	CPS-SLIC, DEED, HAZNET
EMERYVILLE	S118421408	PARK AVENUE REDEVELOPMENT	550 PARK AVE	94608	Alameda County CS
OAKLAND	S118421406	5TH ST AND MAGNOLIA ST REDEVELOPME	0 5TH STREET AND MAGNOLIA ST	94607	Alameda County CS
OAKLAND	S103881512	UPTOWN THEATER DISTRICT	BORDERED BY 20TH ST SAN PABLO		CPS-SLIC

DRAFT

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: 05/13/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 23

Source: EPA
Telephone: N/A
Last EDR Contact: 07/06/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 05/13/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 23

Source: EPA
Telephone: N/A
Last EDR Contact: 07/06/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

DRAFT

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 05/13/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 23

Source: EPA
Telephone: N/A
Last EDR Contact: 07/06/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 11/07/2016
Date Data Arrived at EDR: 01/05/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 92

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 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 know as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 05/18/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 23

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 07/06/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

DRAFT

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: 05/18/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 23

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 07/06/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

Federal RCRA generators list

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

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

DRAFT

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
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

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

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/14/2018
Date Data Arrived at EDR: 05/18/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 63

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/09/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 02/13/2018
Date Data Arrived at EDR: 02/27/2018
Date Made Active in Reports: 05/11/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/29/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 02/13/2018
Date Data Arrived at EDR: 02/27/2018
Date Made Active in Reports: 05/11/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 05/29/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

DRAFT

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 03/19/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 73

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 06/27/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 04/30/2018
Date Data Arrived at EDR: 05/02/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 51

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

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

Date of Government Version: 04/30/2018
Date Data Arrived at EDR: 05/02/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 51

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Quarterly

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

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/14/2018
Date Data Arrived at EDR: 05/16/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 37

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

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LUST REG 7: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

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

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 34

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 06/13/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Quarterly

LUST REG 9: Leaking Underground Storage Tank Report
Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks
California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Varies

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing
For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 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.

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Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 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 1: Active Toxic Site Investigation
Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

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
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: 303-312-6271
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/10/2018
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: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

DRAFT

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
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: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 04/01/2018
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 6
Telephone: 214-665-6597
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 05/08/2018
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 4
Telephone: 404-562-8677
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
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
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: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/12/2018
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: 312-886-7439
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
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: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
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: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 34

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

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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

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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: 07/11/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Varies

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases
UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

DRAFT

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/10/2018
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 06/13/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/09/2018
Number of Days to Update: 26

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 06/13/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Semi-Annually

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
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
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 06/21/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Quarterly

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: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/10/2018
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: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 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: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

DRAFT

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: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/01/2018
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 6
Telephone: 214-665-7591
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/13/2018
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: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 05/08/2018
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 4
Telephone: 404-562-9424
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
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: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

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

DRAFT

Date of Government Version: 04/30/2018
Date Data Arrived at EDR: 05/02/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 51

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Quarterly

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 06/22/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng
A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

State and tribal Brownfields sites

BROWNFIELDS: Considered Brownfieds Sites Listing
A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 03/26/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 38

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 06/27/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 03/19/2018
Date Data Arrived at EDR: 03/21/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/20/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database
Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

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Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 07/24/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/13/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 05/29/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 48

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 05/22/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 07/30/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Varies

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 05/04/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Varies

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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: 02/22/2018
Date Data Arrived at EDR: 03/01/2018
Date Made Active in Reports: 05/11/2018
Number of Days to Update: 71

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 04/30/2018
Date Data Arrived at EDR: 05/02/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 51

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 06/30/2017
Date Data Arrived at EDR: 08/18/2017
Date Made Active in Reports: 09/21/2017
Number of Days to Update: 34

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 07/05/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

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Date of Government Version: 02/22/2018
Date Data Arrived at EDR: 03/01/2018
Date Made Active in Reports: 05/11/2018
Number of Days to Update: 71

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Quarterly

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: 04/23/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/07/2018
Number of Days to Update: 44

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 07/25/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

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

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 03/28/2018
Date Data Arrived at EDR: 05/25/2018
Date Made Active in Reports: 07/10/2018
Number of Days to Update: 46

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 05/22/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database
The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SAN FRANCISCO AST: Aboveground Storage Tank Site Listing
Aboveground storage tank sites

Date of Government Version: 04/19/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 10

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

CA FID UST: Facility Inventory Database
The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

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Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/07/2018
Number of Days to Update: 44

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 07/25/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Quarterly

Local Land Records

LIENS: Environmental Liens Listing
A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/05/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 43

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 05/13/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 06/29/2018
Number of Days to Update: 30

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 07/06/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing
Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 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: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

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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
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 73

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 03/27/2018
Next Scheduled EDR Contact: 07/09/2018
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System
California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 51

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 07/27/2018
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: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 34

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)
Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 34

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch
Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

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Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/28/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 06/28/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 01/31/2015
Date Data Arrived at EDR: 07/08/2015
Date Made Active in Reports: 10/13/2015
Number of Days to Update: 97

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 05/25/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/11/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 02/06/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 339

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 07/13/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 05/15/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 87

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 06/27/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

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EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 05/07/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/08/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/21/2017
Date Made Active in Reports: 01/05/2018
Number of Days to Update: 198

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/22/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2016
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: 05/25/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 12/10/2010
Date Made Active in Reports: 02/25/2011
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Annually

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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: 05/13/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 06/29/2018
Number of Days to Update: 30

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 07/06/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 11/02/2017
Date Data Arrived at EDR: 11/17/2017
Date Made Active in Reports: 12/08/2017
Number of Days to Update: 21

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 07/20/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013
Date Data Arrived at EDR: 10/17/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 3

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 07/06/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/01/2017
Date Data Arrived at EDR: 06/09/2017
Date Made Active in Reports: 10/13/2017
Number of Days to Update: 126

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 07/13/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Annually

DRAFT

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 07/09/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: Quarterly

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/30/2016
Date Data Arrived at EDR: 09/08/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 43

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 07/23/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 06/07/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014
Date Data Arrived at EDR: 09/10/2014
Date Made Active in Reports: 10/20/2014
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 06/04/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Varies

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PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 05/24/2017
Date Data Arrived at EDR: 11/30/2017
Date Made Active in Reports: 12/15/2017
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 07/27/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 04/03/2018
Date Data Arrived at EDR: 04/05/2018
Date Made Active in Reports: 06/29/2018
Number of Days to Update: 85

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 07/05/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data
Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 05/03/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees
Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

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Date of Government Version: 03/31/2018
Date Data Arrived at EDR: 04/16/2018
Date Made Active in Reports: 06/29/2018
Number of Days to Update: 74

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 07/09/2018
Next Scheduled EDR Contact: 10/01/2018
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: 06/28/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/11/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 12/23/2016
Date Data Arrived at EDR: 12/27/2016
Date Made Active in Reports: 02/17/2017
Number of Days to Update: 52

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 05/07/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 06/23/2017
Date Data Arrived at EDR: 10/11/2017
Date Made Active in Reports: 11/03/2017
Number of Days to Update: 23

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 05/13/2018
Date Data Arrived at EDR: 05/30/2018
Date Made Active in Reports: 06/29/2018
Number of Days to Update: 30

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 07/06/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

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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: 05/03/2018
Date Data Arrived at EDR: 05/31/2018
Date Made Active in Reports: 06/29/2018
Number of Days to Update: 29

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Semi-Annually

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 12/05/2005
Date Data Arrived at EDR: 02/29/2008
Date Made Active in Reports: 04/18/2008
Number of Days to Update: 49

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

DRAFT

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 03/08/2018
Date Data Arrived at EDR: 03/13/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 87

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 06/20/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 02/21/2018
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 03/23/2018
Number of Days to Update: 28

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 02/25/2018
Date Data Arrived at EDR: 03/17/2018
Date Made Active in Reports: 06/08/2018
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 01/04/2018
Date Data Arrived at EDR: 01/19/2018
Date Made Active in Reports: 04/13/2018
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 06/01/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/30/2016
Date Data Arrived at EDR: 10/31/2017
Date Made Active in Reports: 01/12/2018
Number of Days to Update: 73

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 07/13/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing

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

DRAFT

Date of Government Version: 02/20/2018
Date Data Arrived at EDR: 02/21/2018
Date Made Active in Reports: 03/23/2018
Number of Days to Update: 30

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 05/23/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Quarterly

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

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

Date of Government Version: 03/26/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 38

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 06/27/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

CUPA SAN FRANCISCO CO: CUPA SAN FRANCISCO CO

Cupa facilities

Date of Government Version: 04/20/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 10

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing

list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 04/03/2018
Date Data Arrived at EDR: 05/07/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 39

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 05/07/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Varies

DRYCLEAN AVAQMD: DRYCLEAN AVAQMD

A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 03/08/2018
Date Data Arrived at EDR: 03/13/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 52

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 06/22/2018
Next Scheduled EDR Contact: 09/17/2018
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.

DRAFT

Date of Government Version: 03/27/2018
Date Data Arrived at EDR: 03/29/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 36

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Annually

DRYCLEAN SOUTH COAST: DRYCLEAN SOUTH COAST
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 03/16/2018
Date Data Arrived at EDR: 03/20/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 45

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 06/11/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 03/21/2017
Date Made Active in Reports: 08/15/2017
Number of Days to Update: 147

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 06/20/2018
Next Scheduled EDR Contact: 10/01/2018
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: 04/18/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 07/06/2018
Number of Days to Update: 73

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 04/18/2018
Date Data Arrived at EDR: 04/20/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 60

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 05/14/2018
Date Data Arrived at EDR: 05/15/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 38

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 05/09/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data
Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

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Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 07/12/2017
Date Made Active in Reports: 10/17/2017
Number of Days to Update: 97

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 07/13/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Annually

ICE: ICE
Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 05/21/2018
Date Data Arrived at EDR: 05/23/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 55

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 05/23/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Quarterly

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

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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

Date of Government Version: 05/21/2018
Date Data Arrived at EDR: 05/23/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 55

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 05/23/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Quarterly

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

Date of Government Version: 04/09/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 69

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 07/11/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing
A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 06/13/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing
The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

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Date of Government Version: 05/23/2018
Date Data Arrived at EDR: 06/06/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 42

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 05/14/2018
Date Data Arrived at EDR: 05/16/2018
Date Made Active in Reports: 07/05/2018
Number of Days to Update: 50

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing
A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 06/04/2018
Date Data Arrived at EDR: 06/06/2018
Date Made Active in Reports: 07/19/2018
Number of Days to Update: 43

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 03/12/2018
Date Data Arrived at EDR: 03/14/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 51

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/13/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Quarterly

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

Date of Government Version: 03/23/2018
Date Data Arrived at EDR: 03/27/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 38

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 06/14/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: No Update Planned

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 04/27/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 34

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 06/13/2018
Next Scheduled EDR Contact: 09/24/2018
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.

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Date of Government Version: 04/10/2018
Date Data Arrived at EDR: 04/13/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 67

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 07/11/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Quarterly

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 06/25/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)
Produced water ponds sites

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)
Non-Case Information sites

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)
Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

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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: 06/04/2018
Date Data Arrived at EDR: 06/06/2018
Date Made Active in Reports: 07/13/2018
Number of Days to Update: 37

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)

Sampling point - public sites

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)

Underground control injection sites

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 35

Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/24/2018
Date Made Active in Reports: 06/07/2018
Number of Days to Update: 44

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 07/25/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)

Military privatized sites

Date of Government Version: 06/11/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/12/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Varies

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GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

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Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 04/05/2018
Date Data Arrived at EDR: 04/10/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 65

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 04/05/2018
Date Data Arrived at EDR: 04/10/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 24

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 07/05/2018
Next Scheduled EDR Contact: 04/24/2047
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List

Cupa Facility List

Date of Government Version: 03/31/2018
Date Data Arrived at EDR: 04/05/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 70

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 06/14/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing

Cupa facility list.

DRAFT

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: 07/05/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 05/07/2018
Date Data Arrived at EDR: 05/09/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 36

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 06/25/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

COLUSA COUNTY:

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: 05/16/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 05/21/2018
Date Data Arrived at EDR: 05/25/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 56

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 07/30/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List
Cupa Facility list

Date of Government Version: 04/27/2018
Date Data Arrived at EDR: 05/02/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 44

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 07/24/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List
CUPA facility list.

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Date of Government Version: 03/05/2018
Date Data Arrived at EDR: 03/08/2018
Date Made Active in Reports: 04/16/2018
Number of Days to Update: 39

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 07/30/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 03/01/2018
Date Data Arrived at EDR: 03/05/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 9

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 07/11/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

HUMBOLDT COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 03/05/2018
Date Data Arrived at EDR: 03/08/2018
Date Made Active in Reports: 04/30/2018
Number of Days to Update: 53

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 05/21/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

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: 06/14/2018
Number of Days to Update: 50

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

INYO COUNTY:

DRAFT

CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 05/30/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 05/02/2018
Date Data Arrived at EDR: 05/07/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 72

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 07/20/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 06/12/2018
Date Data Arrived at EDR: 06/15/2018
Date Made Active in Reports: 07/13/2018
Number of Days to Update: 28

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 05/09/2018
Date Data Arrived at EDR: 05/11/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 34

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 07/16/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Varies

LASSEN COUNTY:

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: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

LOS ANGELES COUNTY:

DRAFT

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: 06/13/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: No Update Planned

HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 04/12/2018
Date Data Arrived at EDR: 04/16/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 60

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 07/05/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/16/2018
Date Data Arrived at EDR: 04/17/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 63

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 07/18/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Varies

City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2018
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: 07/11/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Varies

Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 04/01/2018
Date Data Arrived at EDR: 04/17/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 63

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 07/20/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 07/11/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/09/2017
Date Data Arrived at EDR: 03/10/2017
Date Made Active in Reports: 05/03/2017
Number of Days to Update: 54

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Annually

DRAFT

City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 01/04/2018
Date Data Arrived at EDR: 01/05/2018
Date Made Active in Reports: 01/18/2018
Number of Days to Update: 13

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 07/23/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 02/21/2018
Date Data Arrived at EDR: 02/22/2018
Date Made Active in Reports: 04/03/2018
Number of Days to Update: 40

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 03/30/2018
Date Data Arrived at EDR: 04/06/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 28

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 07/11/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 05/30/2018
Date Data Arrived at EDR: 06/01/2018
Date Made Active in Reports: 07/13/2018
Number of Days to Update: 42

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List
CUPA Facility List

Date of Government Version: 05/22/2018
Date Data Arrived at EDR: 05/24/2018
Date Made Active in Reports: 07/13/2018
Number of Days to Update: 50

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 05/22/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Varies

MONTEREY COUNTY:

DRAFT

CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 06/13/2018
Date Data Arrived at EDR: 06/19/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 31

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 07/02/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Varies

NAPA COUNTY:

Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/22/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 05/23/2018
Date Data Arrived at EDR: 05/31/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 41

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 05/22/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 04/24/2018
Date Data Arrived at EDR: 05/01/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 45

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 07/24/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 05/11/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 42

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/07/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 05/11/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 45

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/07/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

DRAFT

List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/10/2018
Number of Days to Update: 63

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 05/08/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/05/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 43

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/15/2018
Number of Days to Update: 50

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 04/05/2018
Date Data Arrived at EDR: 04/10/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 24

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/18/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Quarterly

Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 04/05/2018
Date Data Arrived at EDR: 04/10/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 24

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/18/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

DRAFT

Date of Government Version: 02/02/2018
Date Data Arrived at EDR: 04/04/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 71

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 07/03/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 02/02/2018
Date Data Arrived at EDR: 04/04/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 76

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 07/03/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 05/16/2018
Date Data Arrived at EDR: 05/22/2018
Date Made Active in Reports: 07/13/2018
Number of Days to Update: 52

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 04/09/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 06/19/2018
Number of Days to Update: 69

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 04/06/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 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: 06/06/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Quarterly

DRAFT

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: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

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: 04/18/2018
Date Data Arrived at EDR: 04/23/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 11

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

Environmental Case Listing
The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversite Facilities
A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 06/07/2018
Date Data Arrived at EDR: 06/12/2018
Date Made Active in Reports: 07/10/2018
Number of Days to Update: 28

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 05/02/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 06/14/2018
Next Scheduled EDR Contact: 10/01/2018
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

DRAFT

CUPA Facility List
Cupa Facility List.

Date of Government Version: 05/16/2018
Date Data Arrived at EDR: 05/22/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 56

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

SAN MATEO COUNTY:

Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 03/14/2018
Date Data Arrived at EDR: 03/20/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 45

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Annually

Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/15/2018
Date Data Arrived at EDR: 03/20/2018
Date Made Active in Reports: 05/04/2018
Number of Days to Update: 45

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/06/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List
Cupa facility list

Date of Government Version: 05/16/2018
Date Data Arrived at EDR: 05/23/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 55

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

DRAFT

LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 05/22/2018
Next Scheduled EDR Contact: 09/10/2018
Data Release Frequency: Annually

Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 05/16/2018
Date Data Arrived at EDR: 05/22/2018
Date Made Active in Reports: 07/19/2018
Number of Days to Update: 58

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 05/16/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2018
Date Data Arrived at EDR: 06/08/2018
Date Made Active in Reports: 07/18/2018
Number of Days to Update: 40

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Quarterly

Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2018
Date Data Arrived at EDR: 06/12/2018
Date Made Active in Reports: 07/12/2018
Number of Days to Update: 30

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Quarterly

SONOMA COUNTY:

DRAFT

Cupa Facility List
Cupa Facility list

Date of Government Version: 06/19/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/17/2018
Number of Days to Update: 21

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 06/21/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Varies

Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 04/03/2018
Date Data Arrived at EDR: 04/06/2018
Date Made Active in Reports: 05/09/2018
Number of Days to Update: 33

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 06/21/2018
Next Scheduled EDR Contact: 10/08/2018
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 05/08/2018
Date Data Arrived at EDR: 05/11/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 35

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 07/16/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Varies

SUTTER COUNTY:

Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 06/04/2018
Date Data Arrived at EDR: 06/08/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 33

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 05/31/2018
Next Scheduled EDR Contact: 09/17/2018
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA Facility List
Cupa facilities

Date of Government Version: 01/26/2018
Date Data Arrived at EDR: 02/02/2018
Date Made Active in Reports: 03/21/2018
Number of Days to Update: 47

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 05/03/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA Facility List
Cupa facility list

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Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 51

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

TULARE COUNTY:

CUPA Facility List
Cupa program facilities

Date of Government Version: 03/19/2018
Date Data Arrived at EDR: 03/22/2018
Date Made Active in Reports: 04/17/2018
Number of Days to Update: 26

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 07/16/2018
Next Scheduled EDR Contact: 08/20/2018
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 07/17/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Varies

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 03/26/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/22/2018
Number of Days to Update: 58

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 07/23/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/27/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 05/09/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: Quarterly

DRAFT

Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 03/26/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 07/23/2018
Next Scheduled EDR Contact: 11/05/2018
Data Release Frequency: Quarterly

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 04/26/2018
Date Data Arrived at EDR: 06/13/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 28

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/13/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 06/20/2018
Date Data Arrived at EDR: 07/03/2018
Date Made Active in Reports: 07/12/2018
Number of Days to Update: 9

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 06/27/2018
Next Scheduled EDR Contact: 10/15/2018
Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 05/10/2018
Date Data Arrived at EDR: 05/15/2018
Date Made Active in Reports: 06/15/2018
Number of Days to Update: 31

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 07/24/2018
Next Scheduled EDR Contact: 11/12/2018
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 01/03/2018
Date Data Arrived at EDR: 02/14/2018
Date Made Active in Reports: 03/22/2018
Number of Days to Update: 36

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/18/2018
Next Scheduled EDR Contact: 08/27/2018
Data Release Frequency: No Update Planned

DRAFT

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 04/11/2017
Date Made Active in Reports: 07/27/2017
Number of Days to Update: 107

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/13/2018
Next Scheduled EDR Contact: 10/22/2018
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 04/30/2018
Date Data Arrived at EDR: 05/03/2018
Date Made Active in Reports: 06/07/2018
Number of Days to Update: 35

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 05/03/2018
Next Scheduled EDR Contact: 08/13/2018
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 07/25/2017
Date Made Active in Reports: 09/25/2017
Number of Days to Update: 62

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/12/2018
Next Scheduled EDR Contact: 10/29/2018
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 02/23/2018
Date Made Active in Reports: 04/09/2018
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 05/21/2018
Next Scheduled EDR Contact: 09/03/2018
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/15/2018
Date Made Active in Reports: 07/09/2018
Number of Days to Update: 24

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 06/11/2018
Next Scheduled EDR Contact: 09/24/2018
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: PennWell Corporation
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data
Source: PennWell Corporation
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

DRAFT

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish & Game
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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APPENDIX D

HISTORICAL SOURCES

DRAFT

Legend

Approximate Property Boundary

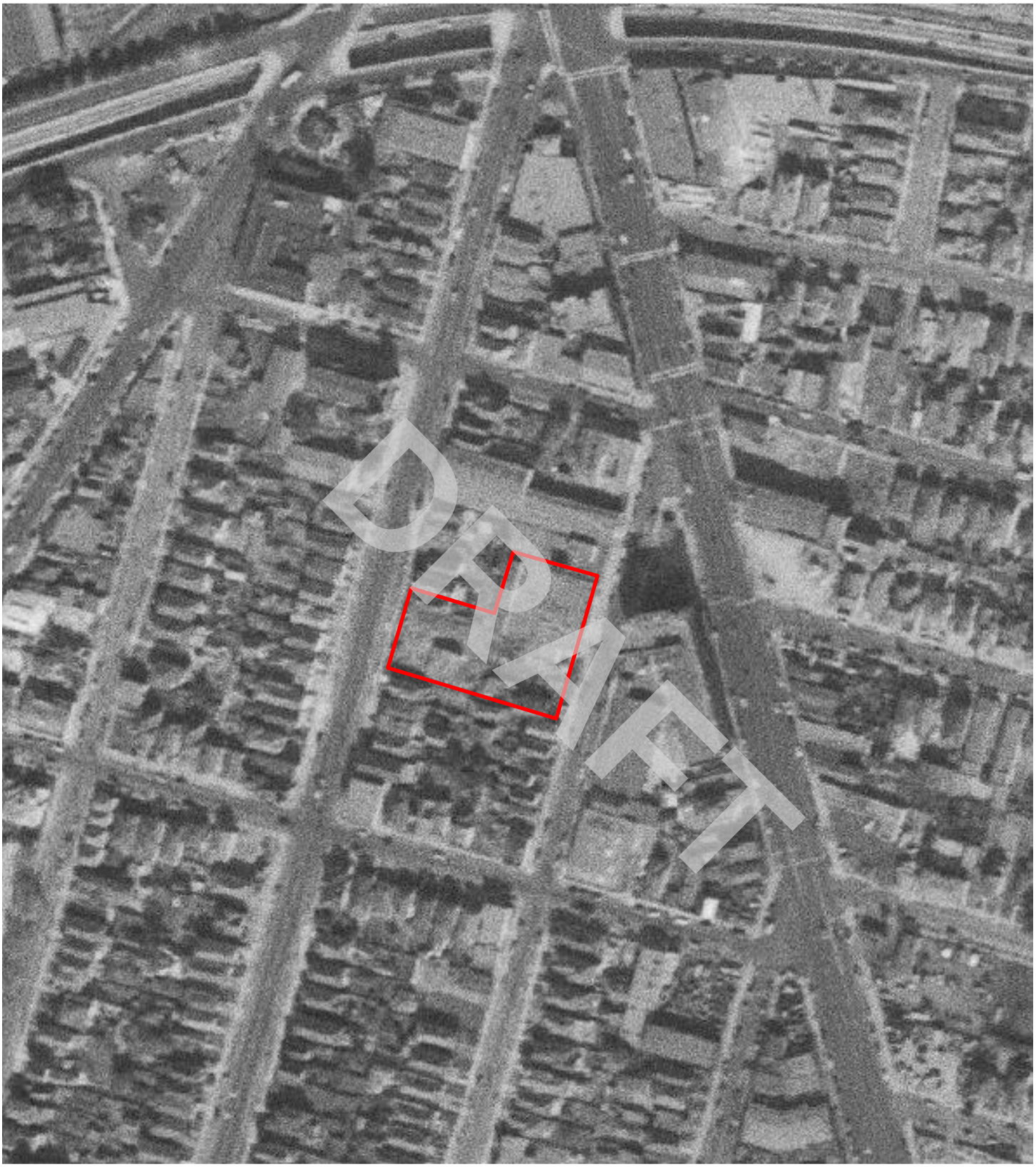
N

AERIAL PHOTOGRAPH - 1939

3442 Adeline Street, Oakland, California 94608

Project Number: 392271

AEI Consultants



Legend

Approximate Property Boundary

N

AERIAL PHOTOGRAPH - 1946

3442 Adeline Street, Oakland, California 94608

Project Number: 392271

AEI Consultants

Legend

Approximate Property Boundary

N

AERIAL PHOTOGRAPH - 1958

3442 Adeline Street, Oakland, California 94608

Project Number: 392271

AEI Consultants

Legend

Approximate Property Boundary

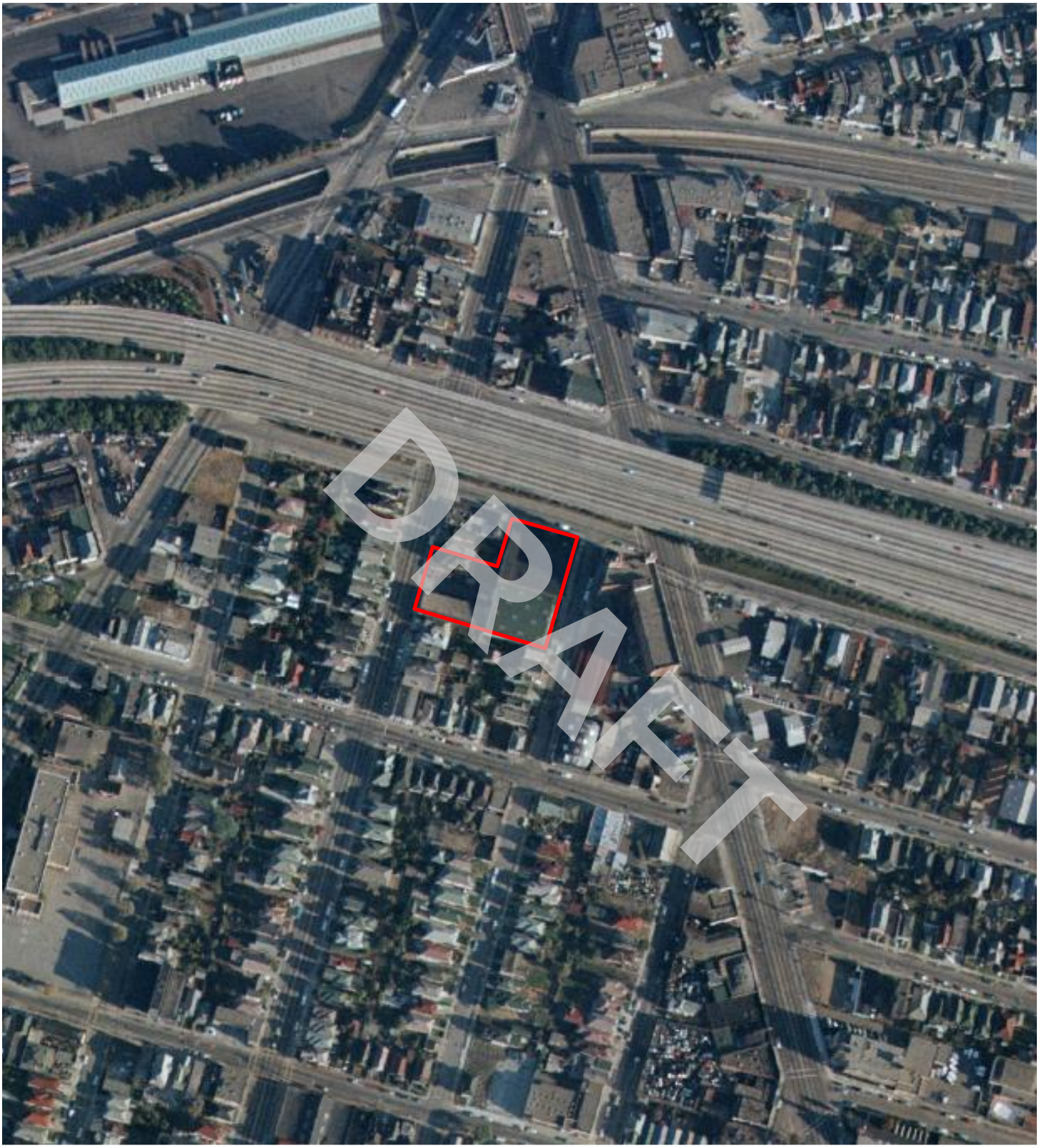
N

AERIAL PHOTOGRAPH - 1968

3442 Adeline Street, Oakland, California 94608

Project Number: 392271

AEI Consultants



Legend

Approximate Property Boundary

N

AERIAL PHOTOGRAPH - 1974

3442 Adeline Street, Oakland, California 94608

Project Number: 392271

AEI Consultants

Legend

Approximate Property Boundary

N

AERIAL PHOTOGRAPH - 1982

3442 Adeline Street, Oakland, California 94608

Project Number: 392271

AEI Consultants

Legend

Approximate Property Boundary

N

AERIAL PHOTOGRAPH - 1993

3442 Adeline Street, Oakland, California 94608

Project Number: 392271

AEI Consultants

Legend

Approximate Property Boundary

N

AERIAL PHOTOGRAPH - 1998

3442 Adeline Street, Oakland, California 94608

Project Number: 392271

AEI Consultants

Legend

Approximate Property Boundary

N

AERIAL PHOTOGRAPH - 2005

3442 Adeline Street, Oakland, California 94608

Project Number: 392271

AEI Consultants

Legend

Approximate Property Boundary

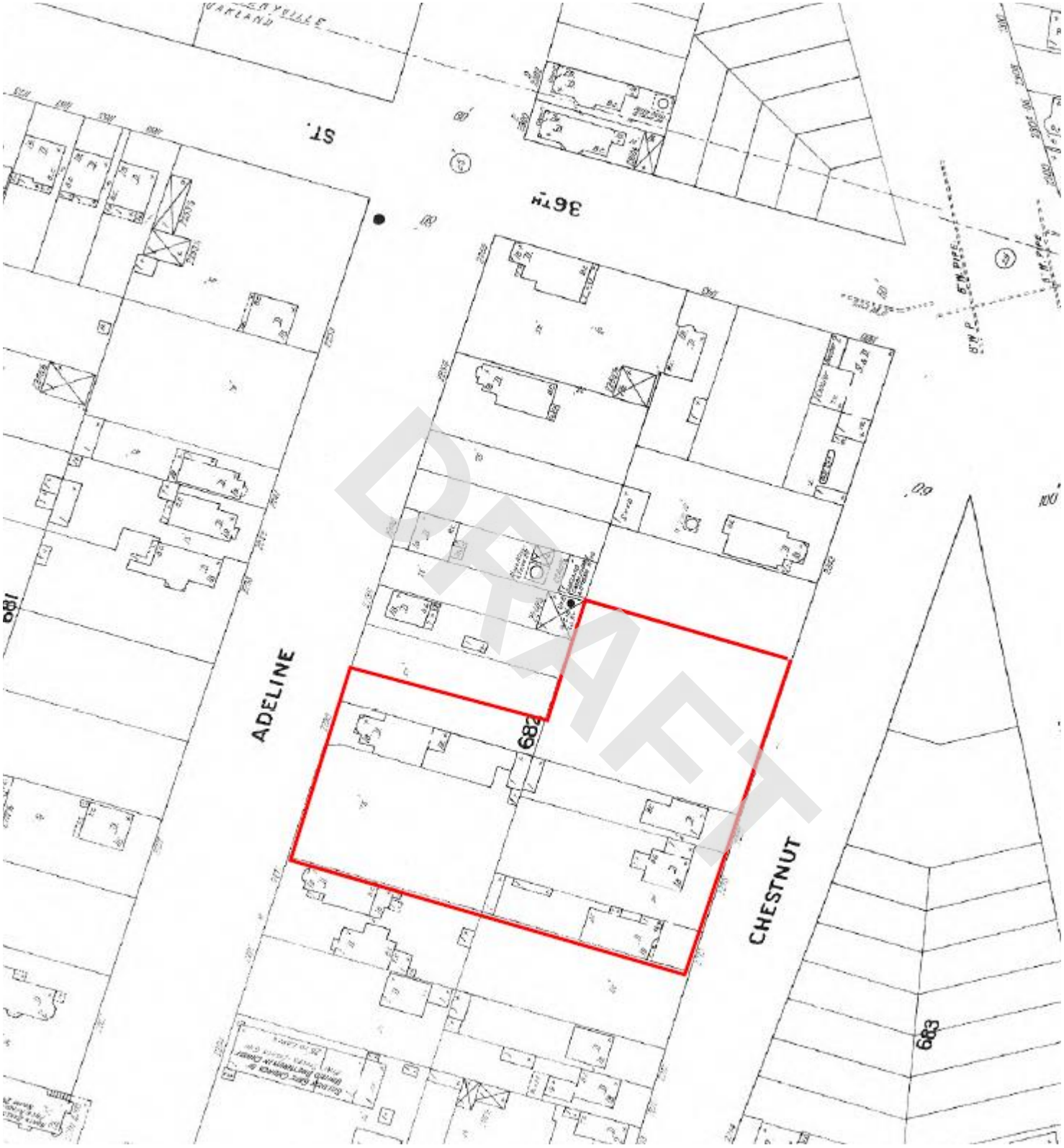
N

AERIAL PHOTOGRAPH - 2012

3442 Adeline Street, Oakland, California 94608

Project Number: 392271

AEI Consultants



Legend

Approximate Property Boundary

N

SANBORN MAPS - 1902

3442 Adeline Street, Oakland, California 94608

Project Number: 392271

AEI Consultants

Legend

Approximate Property Boundary

N

SANBORN MAP - 1912

3442 Adeline Street, Oakland, California 94608

Project Number: 392271

AEI Consultants

Legend
Approximate Property Boundary

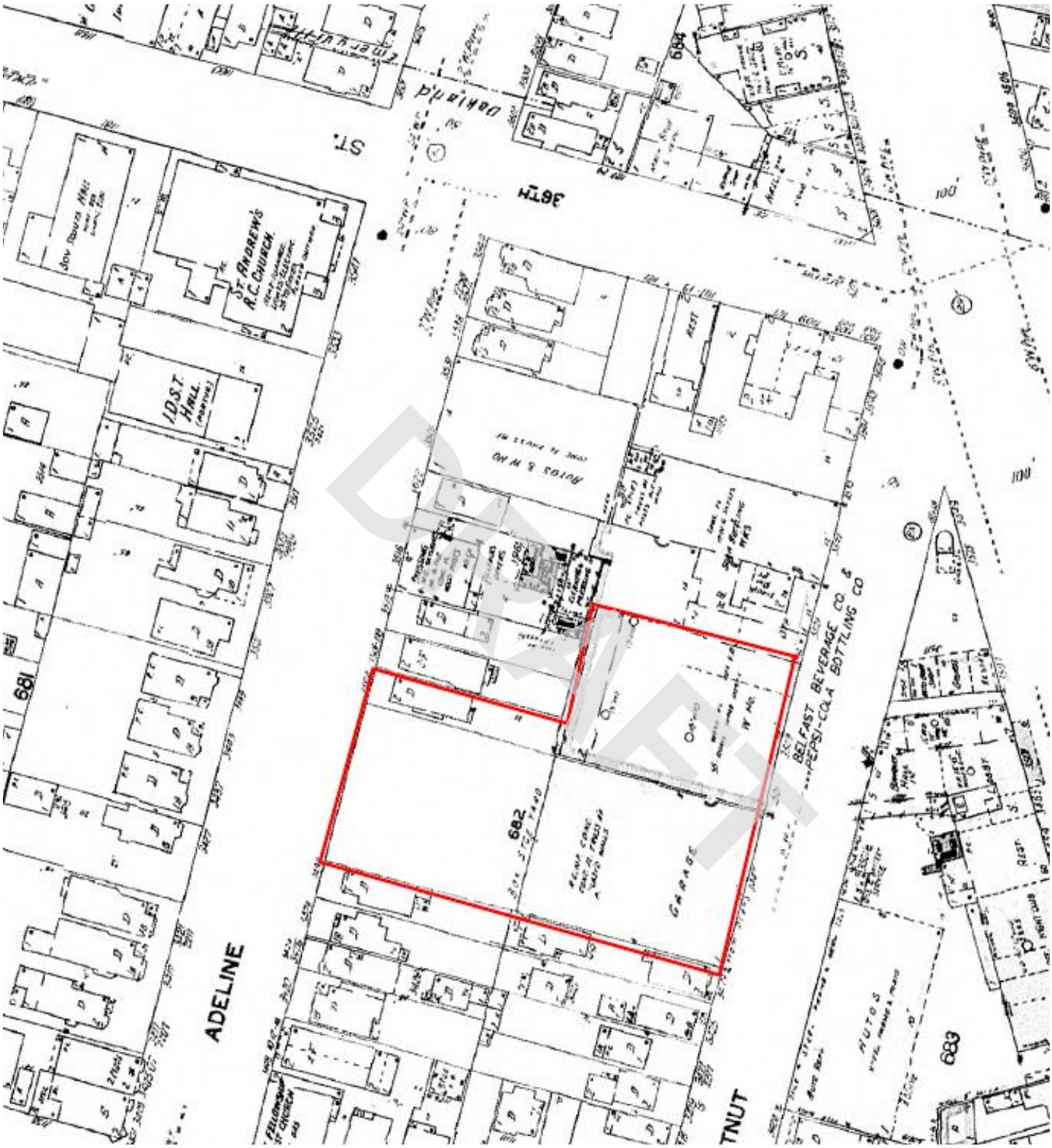
N

SANBORN MAP - 1951

3442 Adeline Street, Oakland, California 94608

Project Number: 392271

AEI Consultants



Legend

Approximate Property Boundary

N

SANBORN MAPS - 1952

3442 Adeline Street, Oakland, California 94608

Project Number: 392271

AEI Consultants

Legend

Approximate Property Boundary

N

SANBORN MAPS - 1954

3442 Adeline Street, Oakland, California 94608

Project Number: 392271

AEI Consultants

Legend

Approximate Property Boundary

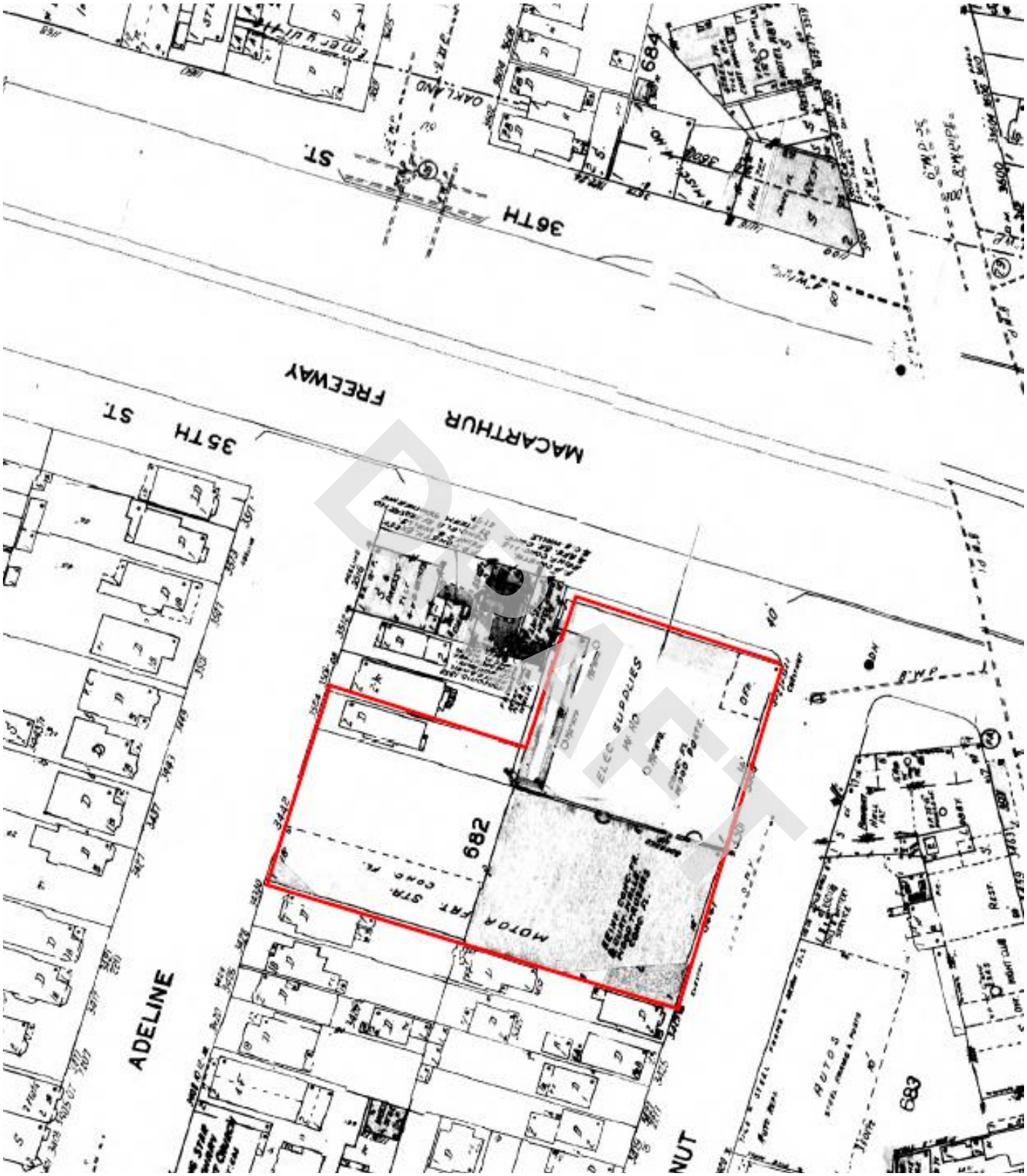
N

SANBORN MAPS - 1959

3442 Adeline Street, Oakland, California 94608

Project Number: 392271

AEI Consultants



Legend

Approximate Property Boundary

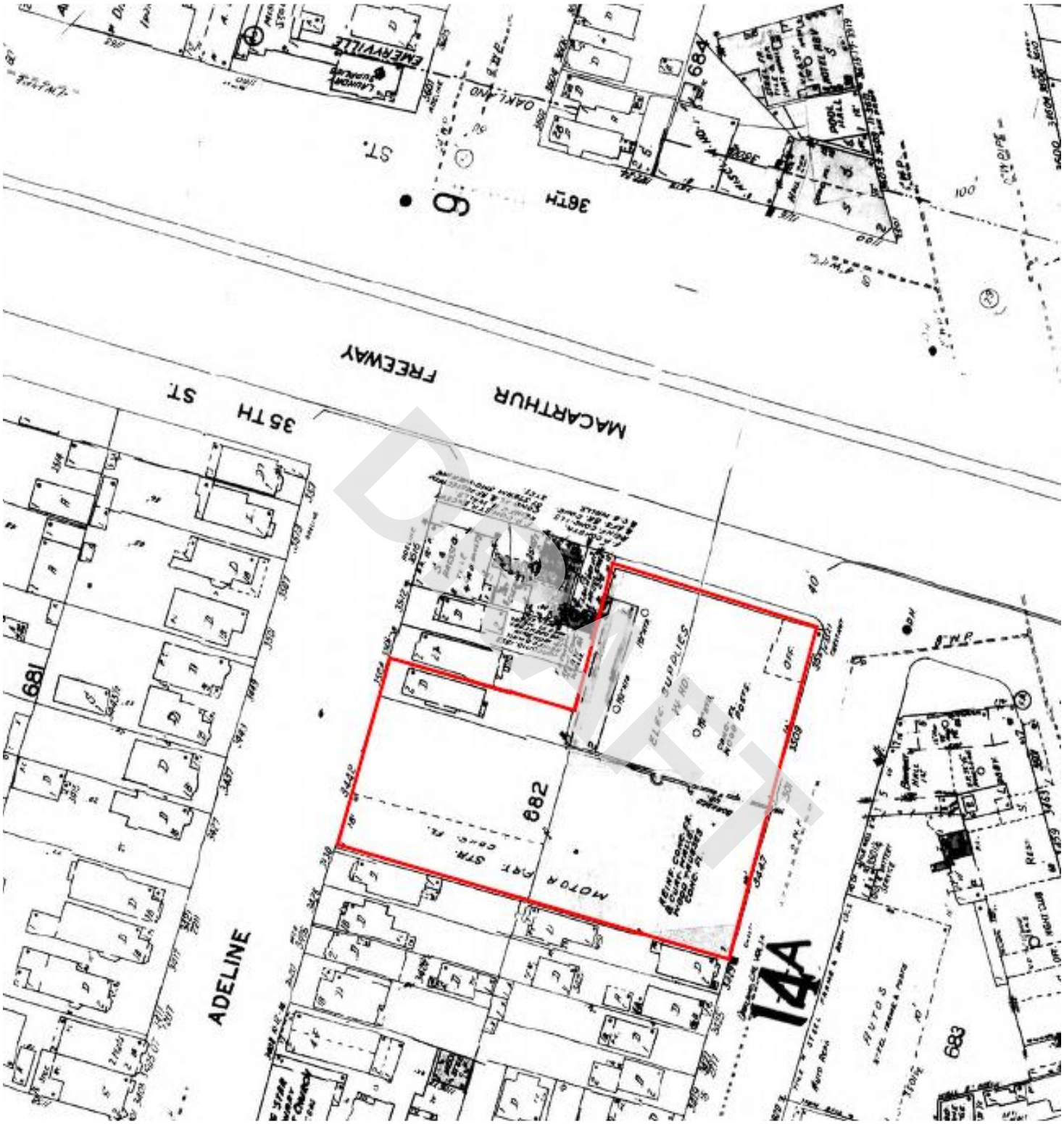
N

SANBORN MAPS - 1962

3442 Adeline Street, Oakland, California 94608

Project Number: 392271

AEI Consultants



Legend

Approximate Property Boundary

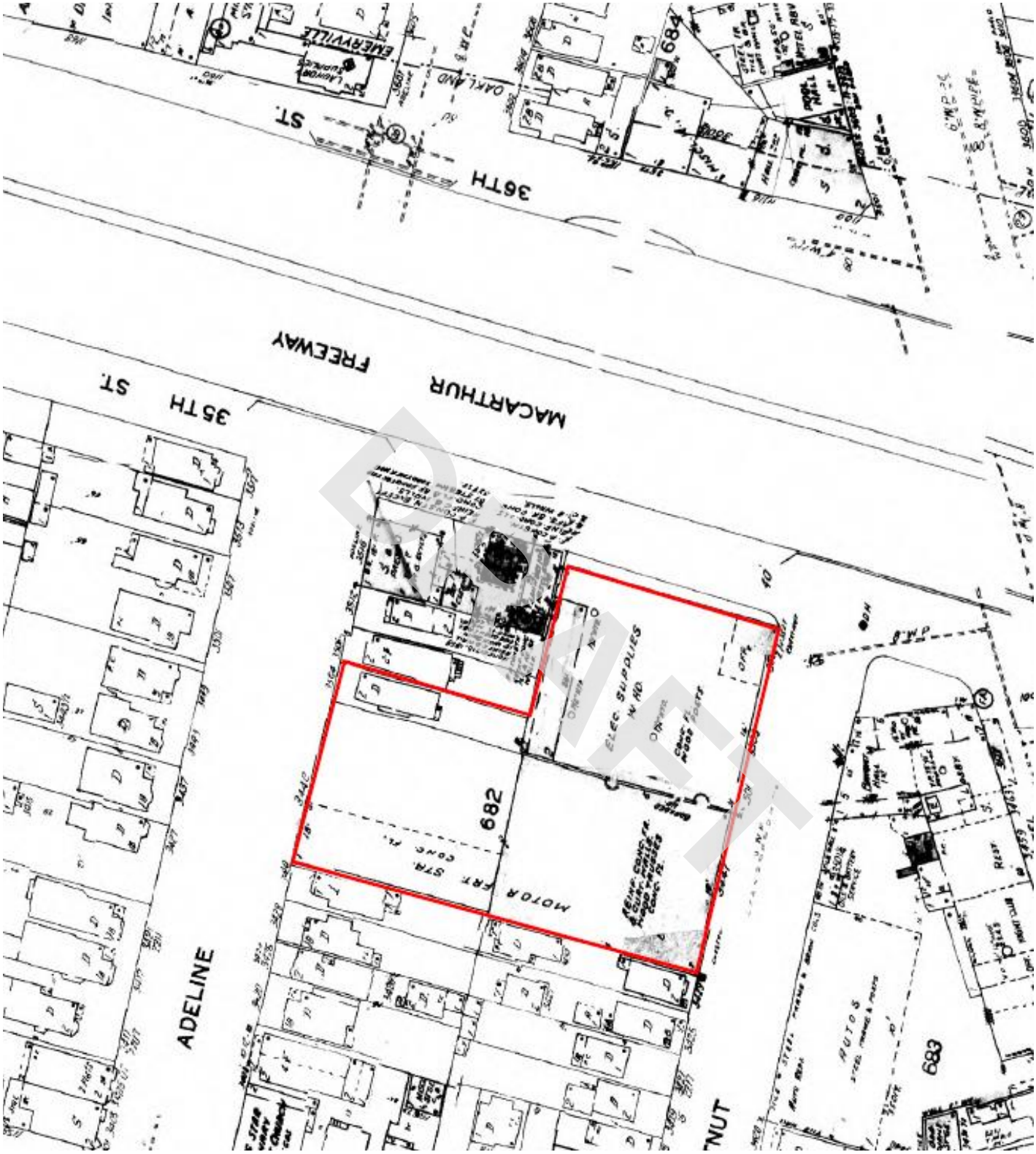
N

SANBORN MAPS - 1967

3442 Adeline Street, Oakland, California 94608

Project Number: 392271

AEI Consultants



Legend

Approximate Property Boundary

N

SANBORN MAPS - 1970

3442 Adeline Street, Oakland, California 94608

Project Number: 392271

AEI Consultants

APPENDIX E

REGULATORY AGENCY RECORDS

DRAFT

ASSESSOR'S MAP 5

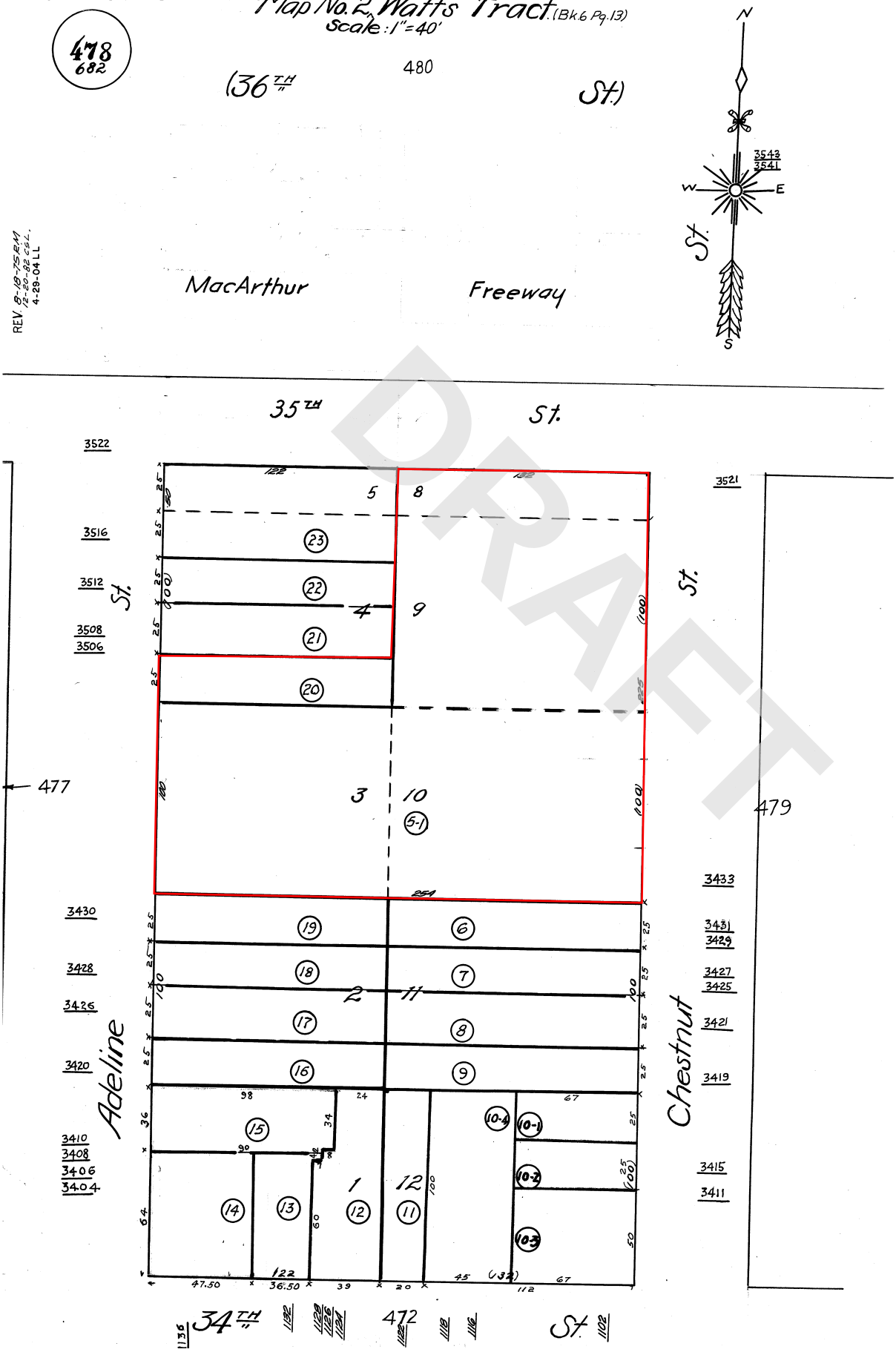
Map No. 2 of Watts Tract (Bk.6 Pg.13)

Scale: 1"=40'

Code Area No. 17-046

5

478
682



DRAFT

Parcel Viewer

Alameda County Assessor's Office

Find Parcel

Criteria

Search Type

- APN
- Situs Address

Search Input

APN:

Situs Address:

2442 Ade

Search

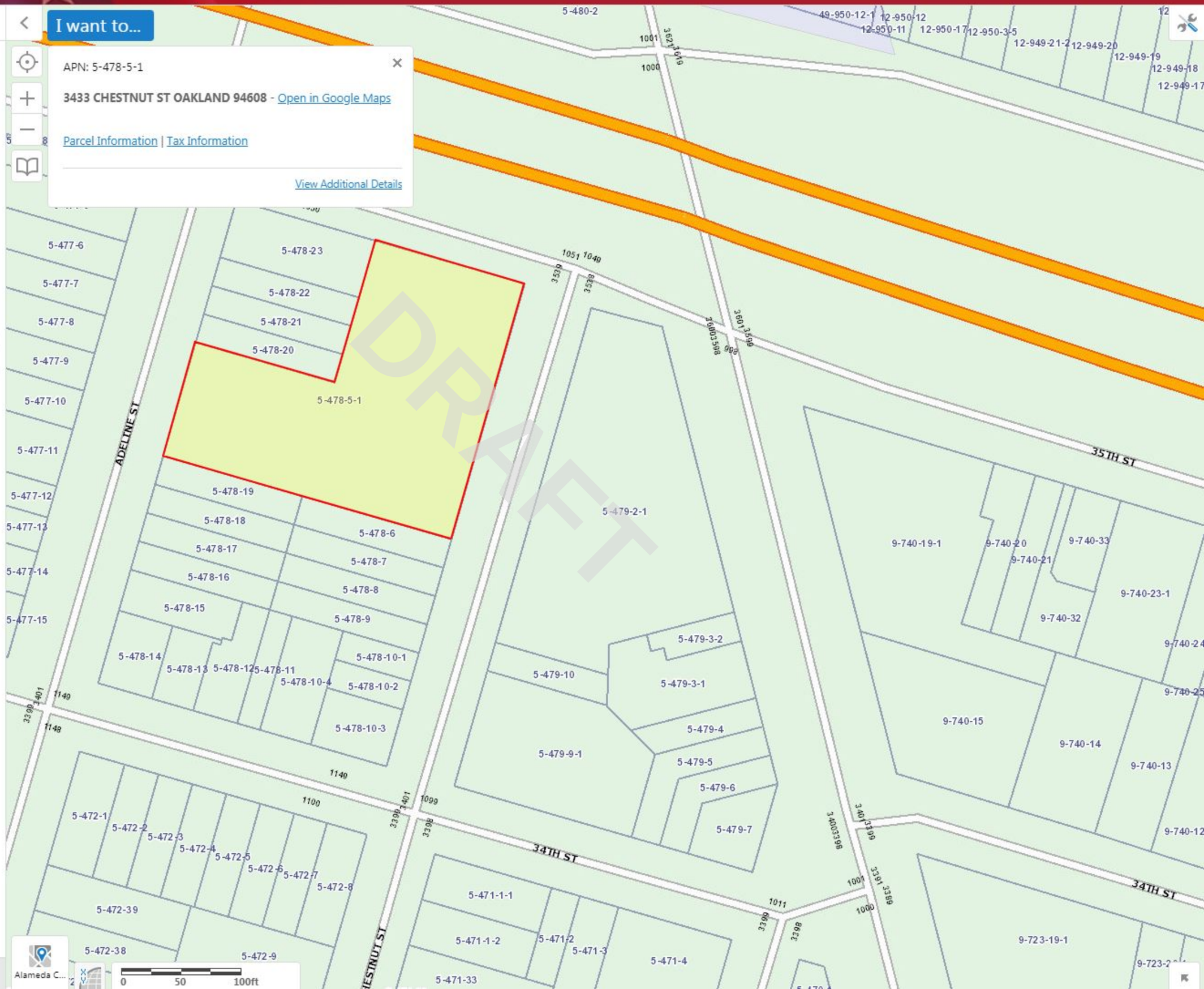
I want to...

APN: 5-478-5-1

3433 CHESTNUT ST OAKLAND 94608 - Open in Google Maps

Parcel Information | Tax Information

View Additional Details



2018 - 2019 Assessment Information

Parcel Number:	5-478-20
Assessor's Map: (Map image is not to scale)	Map Disclaimer
Use Code:	4100
Description	Warehouse
Land	$164,766.00
Improvements	$26,010.00
Fixtures	0
Household Personal Property	0
Business Personal Property	0
Total Taxable Value	$190,776.00
Exemptions	
Homeowner	0
Other	0
Total Net Taxable Value	$190,776.00

Additional Assessment Information | Property Tax Information

Adobe Acrobat Reader is required to view the maps. Click here to download.

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2018 - 2019 Assessment Information

Parcel Number:	5-478-5-1
Assessor's Map: (Map image is not to scale)	Map Disclaimer
Use Code:	4100
Description	Warehouse
Land	$1,160,657.00
Improvements	$649,163.00
Fixtures	0
Household Personal Property	0
Business Personal Property	0
Total Taxable Value	$1,809,820.00
Exemptions	
Homeowner	0
Other	0
Total Net Taxable Value	$1,809,820.00

Additional Assessment Information | Property Tax Information

Adobe Acrobat Reader is required to view the maps. Click here to download.

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BUILDING & HOUSING DEPARTMENT — CITY OF OAKLAND

WRITE IN INK - FILL ALL COPIES

Inspected

C31234

6-21-66

3504 - ADELINE ST.

VALUE: $ 300.00

Building Fee $ 5.00

Checking Fee $

TOTAL FEES $ 5.00

INCIDENTAL CODE: $

Date

Zoning Fee $

Checking Fee $

TOTAL VALUE: $ 300.00

TOTAL FEES $ 5.00

APPROVALS FOR PERMIT TO:

Building

Electrical Inspection

Electrical Test

Fire Marshal

Planning

Zoning

Public Works

Health

Traffic

Redevelopment

Parks

Other

DATE 6-21-66

NEW CONSTRUCTION

Size of new building

Height in feet per 7

No. of stories

Specific type of occupancy

Total floor area building now on lot

Total gross size of each

Number of families

Size of lot

Remarks of Planning Bldg.

Existing structure: Type of Occupancy: Use of part: Number:

Stories: No. of Rooms: Size: Floor area: Ft.: Zoning area: Ft.: Zoning area: Ft.:

Kitchen: Ft.: Sq. feet occupied:

MECHANICAL OR MECHANICAL WORK

(including all labor and material of all of permanent lighting, heating, ventilating, water supply, plumbing, fire sprinkler, electric wiring and elevator installation materials or fixtures) $ 300.00

CODE OF WORK TO BE CHECKED UPON FINAL INSPECTION

GENERAL: In INSPECTIONS: If the work herein specified is not commenced within one hundred twenty (120) days after the issuing of this permit, or if the work is suspended or abandoned at any time after the work is commenced for a period of one hundred twenty (120) days, this permit shall expire by limitation and become null and void to proceed in the Building Code.

Permittee or owner agrees to be bound by the rules described in the application in accordance with the provisions of the Oakland Building Code and Local Ordinances.

Approved: LAWRENCE E. LAUE

Building Inspector

By

I HEREBY CERTIFY THAT I AM THE APPLICANT FOR A BUILDING PERMIT AND THAT IN THE PERFORMANCE OF THE WORK TO WHICH SUCH PERMIT IS ISSUED, I WILL NOT DISCRIMINATE AGAINST ANY PERSON OR PERSONS IN ANY MANNER SO AS TO BECOME VIOLATED THE PROVISIONS OF THE LABOR CODE OF THE STATE OF CALIFORNIA RELATING TO STATE AND LOCAL EMPLOYMENT PROGRAMS.

Signature of Owner

DEPARTMENT COPY

Dwelling

SAME

Number of stories high: 2

For repair of motor vehicle damage to front porch area of single family residence.

Contractor: Harold E. Chesta Co.

Address: 934 32nd Avenue

Phone No.: EG.2-2022

Contractor's License No.: 142009

Contractor's Code No.: 78402

Certified Mechanic

Licensed Civil Engineer

I hereby agree to save, indemnify and keep harmless the City of Oakland and its officers, employees and agents against all liabilities, judgments, costs and expenses which may in any way accrue against the City in consequence of the granting of this permit or from the use or occupancy of any sidewalk, street or subsidewalk, or otherwise in doing thereof, and will in all things strictly comply with the conditions under which this permit is granted. THE HAROLD E. CHESTA CO.

By

Signature of Applicant

FOR INSPECTIONS TELEPHONE 274-3000

DRAFT

APPROVAL RECEIVED BY STREET AND ENGINEERING DEPARTMENT:

There are no PROPOSED STREET OPENINGS, PUBLIC EASEMENTS OF RECORD

or _____

in this Department which are in conflict with this application.

REMARKS: _____

STREET AND ENGINEERING DEPARTMENT

By _____ Date _____

PLOT PLAN

FORMS OK

FIREPLACE OK

WIRE (EST.) OK

LATH (INS.) OK

GYPSUM OK
PLASTER

ROUGH OK

FINAL OK 8-19-66 [illegible]

DRAFT

3

3504 ADELINE ST.

FOR OFFICE USE ONLY

BUILDING & HOUSING DEPARTMENT — CITY OF OAKLAND
WRITE IN INK - FILE ALL COPIES

Incorporated

DATE PAID 2-24-75
DATE ISSUED FEB 25 1975 PERMIT NO. C 82256

APPLICATION FOR PERMIT TO:

ALTER ____ ADD TO ____ NEW CONSTR. ____
REPAIR ____ WRECK X OTHER ____

JOB LOCATION 3504 Adeline St.
OWNER'S NAME Valley Joint Venture Co
OWNER'S ADDRESS 52 [illegible]
OWNER'S PHONE NO.

FIELD CHECK BY ____ DATE ____
Approved YES ____
REMARKS (conditions noted) ____

FEES:

B. & H. Tax	
SMIP	
Address Fee	
General Fee	10.50
Checking Fee	
TOTAL FEES	10.50

ADDITIONAL COST

Add'l Fee	
Add'l Checking Fee	
Add'l SMIP	

Date ____

TOTAL FEES

TOTAL FEES

PLAN FILED Yes ____ No ____ SURVEYS FILED Yes ____ No ____
MAP NO. 2d TRACT NAME/NO. ____
TYPE OF BUILDING I II III IV (V) H.T. I hr. (N)
OCCUPANCY GROUP A B ____ C D ____ E ____ G H O I ____
ZONING DISTRICT A ____ C 30 M ____ S ____
FIRE ZONE 1 2 (1)

ADDITION ALTERATION REPAIR (WRECK)

Proposed use of building Dwelling Family 1 Rm.
Proposed use of building Wreck Families 0 Rm.
Size of existing building ____ Number of stories high 2
Describe briefly of proposed construction work: ____

NEW CONSTRUCTION

Size of new building ____
Height to highest point ____
No. of Stories ____
Specific type of Occupancy ____
State how many buildings now on lot and give use of each ____
Number of Families ____
Size of Lot ____
Material of Exterior Walls ____
Footing Width ____ Depth in Ground ____ Width of Wall ____ Mortar ____
Studs ____ Floor Joists ____ Ceiling Joists ____
Rafters ____ Roof Covering ____

VALUATION OF PROPOSED WORK: $ 1,000.00

Including all labor and material and all permanent lighting, heating, ventilating, water supply, plumbing, fire sprinkler, electric wiring and elevator equipment therein or thereon.

COST OF WORK TO BE CHECKED BEFORE FINAL INSPECTION.

Permission is hereby granted to do the work described in this application in accordance with the provisions of the Oakland Building Code and related ordinances.

Approved: LAWRENCE A. LANE
Chief Building Inspector

By: W E C

TO BE SIGNED ONLY WHEN ISSUED TO OWNER.

I hereby certify that I am the applicant for a Building Permit and that in the performance of the work for which said permit is issued, I will not employ any person or persons in any manner so as to become subject to the provisions of the Labor Code of the State of California relating to workmen's compensation insurance.

Signature of Owner

CONSTRUCTION LENDER
(If none, write none)

Name

Branch

Street Address

City State Zip

Contractor: (If any) Thomas D. Lychaer Co. Certified Architect
Address 3450 Hollis St. Oakland.
Phone No. 655-3000 Licensed Civil Engineer
State License No. 455771 City License No. 2557
I hereby agree to save, indemnify and keep harmless the City of Oakland and its officers, employees and agents against all liabilities, judgments, costs and expenses which may in any way accrue against the City in consequence of the granting of this permit or from the use or occupancy of any sidewalk, street or subdivision, or otherwise by virtue thereof, and will in all things strictly comply with the conditions under which this permit is granted.

Signature of Applicant

FOR INSPECTIONS TELEPHONE 272-3441

DEPARTMENT COPY

DRAFT

PLOT PLAN

INSPECTION No. 535004

APPLICATION FOR A PERMIT TO ERECT A BUILDING

Case No. _____ Fire Com.

Belfast Beverage Owner

Morgan Bros Contractor

Job Location

No. [illegible] Chestnut St

6447

Cost $ 35,000 Fee $ [illegible]

Cost of work to be checked before final inspection

Date _____

TREASURER

SITEMAN OAK

DEPT

Permission is hereby granted to erect the building or structure described in this application in accordance with Ordinance No. 2473 C.M.S., and all other Ordinances related thereto in the City of Oakland, and to the satisfaction of the Building Inspector.

Approved

M. P. KITCHEL,
Building Inspector.

By [illegible]

F.O.K. 12-28-50 [illegible]

Wallstool OK 1/23/51 [illegible]

R.O.K. 2-23-51 [illegible]

W.O.K. _____

L.O.K. _____

PLASTER O.K. _____

FINAL O.K. 4/26/51 [illegible]

Check Fee # 819

[illegible]

DRAFT

Case No. ..... Fire Zone

City Storage Permit

WRITE IN INK — FILE TWO COPIES

Application to Erect a New Building

CITY OF OAKLAND, BUILDING DEPARTMENT

Number 3527 Chestnut St

Assessor Block

1. Type of Building I. II. (III) IV. V
2. Type of Occupancy A. B. C. D. E. (F) G. H. I. J
3. City Zone A. B. C. D. E. F. G. (H) I
4. Fire Zone 1. 2. (3) 4
5. If in Fort Area, the three applications

For Office Use Only

6. Size of new building 100 x 127 Size of Stories 1

Height to highest point 22 Size of Lot 100 x 254

7. Material of Exterior Walls Corr Metal Type of Roofing Compo

8. Occupancy Storage (Stores, offices, factories, warehouses, hotels, flatters, etc.)

9. State how many buildings now

on lot and give use of each 0 (Stores, offices, warehouses, hotel or other purposes)

10. Footing: Width See Plan Depth in Ground Width of Wall Materials

Size of Studs Size of Floor joists

Size of Rafters See Plan Roof Covering Compo

11. VALUATION OF PROPOSED WORK: COST OF WORK TO BE CHECKED BEFORE FINAL INSPECTION

Including all labor and material and all permanent lighting, heating, ventilating, water supply, plumbing, fire sprinklers, electric wiring and elevator equipment furnished or furnisher $ 3000.00

I hereby agree to save, indemnify and keep harmless the City of Oakland and its officers, employees and agents against all liabilities, judgments, costs and expenses which may in any way accrue against the City in consequence of the granting of this permit or from the use or occupancy of any sidewalk, street or sub-sidewalk, or otherwise by virtue thereof, and will in all things strictly comply with the conditions under which this permit is granted.

Contractor (if any) Monson Bros

Address 475 6th St S.F.

Certified Architect State License No.

Licensed Engineer D.C. Roth State License No.

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all City ordinances and State laws regulating building construction.

Signature of Owner Belfast Beverage Co

Address 3527 Chestnut St

Authorized Agent Monson Bros Inc Genl Contractor

Do not lath, sheath, or otherwise conceal any portion of walls or ceiling until the inspection card has been signed by the ELECTRICAL and PLUMBING INSPECTORS. Following the approval of the ELECTRICAL and PLUMBING INSPECTORS, call the BUILDING INSPECTOR before proceeding further with the work.

The Departments will call up Telephone No. DO 25337 if any alterations or changes are necessary on the plans submitted.

CONTRACTOR'S STATE LICENSE No. 49794 AND CITY LICENSE No. [illegible]

If the work herein described is not commenced within sixty (60) days after the issuing of this permit, this permit becomes null and void as provided in Section 19 of Part 1 of Ordinance 2745 C.M.S.

Form 305-101

DRAFT

PLOT PLAN

Inspected No. B00462

APPLICATION FOR A PERMIT TO ALTER, REPAIR, ADD TO OR WRECK A BUILDING

Case No. _____ Plan Com.

Frank Pelazzotto Owner

Same Contractor

Job Location Lot: 3447 Chestnut St

No. 3442

Adeline St

Cost $ 7400 Fee $ 16.00

Checking Fee _____ Amount $ _____

Total Fee _____

TREASURER

Cost of work to be declared before final inspection

Date _____

CITY OF OAKLAND

Permission is hereby granted to alter, repair, add to or wreck the building or structure described in this application in accordance with Ordinance No. 5419 C.M.S., and all other Ordinances related thereto in the City of Oakland, and to the satisfaction of the Building Inspector.

Approved LAWRENCE A. LANE, Building Inspector.

By Eun

F. O. K. _____

R. O. K. _____

W. O. K. _____

L. O. K. _____

PLASTER O. K. _____

FINAL O. K. _____

DRAFT

City Manager's Permit _____

Cost No. _____ Fire Cos. _____

WRITE IN INK — FILE TWO COPIES

Application to Alter, Repair, Add to Or Wreck a Building

CITY OF OAKLAND, BUILDING DEPARTMENT

Number 3442 ADELINE Street

1. Type of Building I, II, III, IV, (V)
2. Type of Occupancy A, B, C, D, E, (F), G, H, I, J
3. City Zone A, B, C, D, E, F, G, (H), I
4. Fire Zone 1, 2, (3), 4
5. If in Fire Area, list fires applicable _____
6. Present use of building WAREHOUSE (Store, Dwelling, Apartment House, Hotel, or other purpose) Families N/A Rooms _____
7. Proposed use of Building WAREHOUSE (Store, Dwelling, Apartment House, Hotel, or other purpose) Families N/A Rooms _____
8. State how many buildings now on lot and give use of each (1) WAREHOUSE (Store, Dwelling, Apartment House, Hotel, or other purpose)
9. Size of existing Building 100 x 120 Number of stories high (1)
10. Describe briefly all proposed construction work CONSTRUCT LOADING DOCK 20'x40' WITH APPURTENANT SHED 12'x30' + PORTICO TO BE SET ON EXISTING CONC. SLAB.

PLAN FILED

(SEE NOTE)

11. Footing: Width _____ Depth in Ground _____ Width of Wall _____ Material _____
Studs 2"x4" @ 16 O.C. Floor Joists 2"x6" @ 16" O.C. Ceiling Joists 2"x6" @ 2'-0" O.C. (SEE NOTE)
Rafters _____ @ _____ Roof Covering 90 LB MINERAL FELT (INSIDE)

12. VALUATION OF PROPOSED WORK: $2,400.00

Including all labor and material and all permanent lighting, heating, ventilating, water supply, plumbing, fire sprinkler, electric wiring and elevator equipment thereon or thereon.

STOP AT WORK TO BE CHECKED BEFORE FINAL INSPECTION

I hereby agree to save, indemnify and keep harmless the City of Oakland and its officers, employees and agents against all liabilities, judgments, costs and expenses which may in any way accrue against the City in consequence of the granting of this permit or from the use or occupancy of any sidewalk, street or sub-sidewalk, or otherwise by virtue thereof, and will in all things strictly comply with the conditions under which this permit is granted.

Contractor (if any) _____

Address _____

Certified Architect _____ State License No. _____

Licensed Engineer _____ State License No. _____

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all City ordinances and State laws regulating building construction.

Signature of Owner FRANK PANZUTTO

Address 3442 ADELINE ST. OAK.

Authorized Agent Ken Stanich

Do not lath, sheath, or otherwise conceal any portion of walls or ceiling until the inspection card has been signed by the ELECTRICAL and PLUMBING INSPECTORS. Following the approval of the ELECTRICAL and PLUMBING INSPECTORS, call the BUILDING INSPECTOR before proceeding further with the work.

The Department will call up Telephone No. 836-4600 EXT. 552 if any alterations or changes are necessary on the plans submitted.

CONTRACTOR'S STATE LICENSE No. _____ AND CITY LICENSE No. _____

If the work herein described is not commenced within one hundred twenty (120) days after the issuing of this permit, this permit becomes null and void as provided in Section 302(d) of Part 1 of Ordinance 3183 C.M.S.

DRAFT

Date _____

I hereby certify that I am the applicant for a Sign Permit, and that in the performance of the work for which said permit is issued, I will not employ any person or persons in any manner so as to become subject to the provisions of the Labor Laws of the State of California relating to workmen's compensation insurance.

Signature of Applicant

For Office Use Only

3. City Zone A, B, C, D, E, F, G, H, I
4. Fire Zone 1, 2, 3, 4
5. If in Fire Area, file three applications.
6. Present use of building WAREHOUSE (Store, Dwelling, Apartment House, Hotel or other purpose) Stories 1 1/2 Rooms _____
7. Proposed use of building WAREHOUSE (Store, Dwelling, Apartment House, Hotel or other purpose) Stories 1 1/2 Rooms _____
8. State how many buildings now on lot and give use of each WAREHOUSE (Store, Dwelling, Apartment House, Hotel or other purpose)
9. Size of existing Building 100 x 120 Number of stories high 1
10. Describe briefly all proposed work CONSTRUCT LOADING DOCK 20' x 60' WITH APPURT. WALL OFFICE 12' x 30' + BOILER ROOM BY 20 FT. (PLAN FILE) (SEE ATTACHED)
11. Footing: Width _____ Depth of Pier _____ Model _____
Studs 2x4" @ 16 O.C. (SEE ABOVE) @ 16" O.C. Ceiling Joist 2"x6" @ 2'-0" O.C.
Rafters _____ @ _____ Roof Covering 80 LB MINERAL FELT (INSIDE)

12. VALUATION OF PROPOSED WORK: $2,000.00 (COST OF WORK TO BE CHECKED BEFORE FINAL INSPECTION)

Including all labor and material and all permanent lighting, heating, ventilating, water supply, plumbing, fire sprinkler, electric wiring and elevator equipment therein or thereon.

I hereby agree to save, indemnify and keep harmless the City of Oakland and its officers, employees and agents against all liabilities, judgments, costs and expenses which may in any way accrue against the City in consequence of the granting of this permit or from the use or occupancy of any sidewalk, street or subsidewalk, or otherwise by virtue thereof, and will in all things strictly comply with the conditions under which this permit is granted.

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all City ordinances and State laws regulating building construction.

Contractor (if any) _____

Address _____

Certified Architect _____ State _____ License No. _____

Licensed Engineer _____ State _____ License No. _____

Signature of Owner FRANK PARADELLIS

Address 3442 AGNOLI ST. OAK

Authorized Agent _____

Do not lath, shroud, or otherwise conceal any portion of walls or ceiling until the inspection card has been signed by the ELECTRICAL and PLUMBING INSPECTORS. Following the approval of the ELECTRICAL and PLUMBING INSPECTORS, call the BUILDING INSPECTOR before proceeding further with the work.

The Department will call up Telephone No. 444-4488 Ext. 258 if any deviations or changes are necessary on the plans submitted.

CONTRACTOR'S STATE LICENSE No. _____ AND CITY LICENSE No. _____

If the work herein described is not commenced within one hundred twenty (120) days after the issuing of this permit, this permit becomes null and void as provided in Section 302(d) of Part 1 of Ordinance 5410 C.M.S.

DRAFT

WRITE IN INK—FILE TWO COPIES

APPLICATION FOR A BUILDING PERMIT

APPLICATION IS HEREBY MADE TO THE BUILDING DEPARTMENT OF THE CITY OF OAKLAND FOR PERMISSION TO DO THE FOLLOWING WORK

Street ... Ave

WRITE IN ... DESCRIPTION OF WORK TO BE DONE

... SIZE, SPAN AND SPACING

Foundation

Underpinning

Opening

Rough a large

Rough Opening

Roof Covering

Rafters

Ceiling Joist

Fire Stops

Studs: 1st Story, 2nd Story, 3rd Story

Plate

Ft. Joist.

Plates

Underpinning

Mudsill, R.W.

Foundation.

Existing Cost of Work (not what was as stated on request for complete demolition of work) $ 200

Building now used as Vacant

Building to be used as Warehouse for New Century Beverage Co

I HEREBY AGREE TO SAVE, INDEMNIFY AND KEEP HARMLESS THE CITY OF OAKLAND AND ITS OFFICERS, EMPLOYEES AND AGENTS AGAINST ALL LIABILITIES, JUDGMENTS, COSTS AND EXPENSES WHICH MAY IN ANY WISE ACCRUE AGAINST THE CITY IN CONSEQUENCE OF THE GRANTING OF THIS PERMIT, OR FROM THE USE OR OCCUPANCY OF ANY SIDEWALK, STREET OR ALLEY, OR OTHERWISE BY VIRTUE THEREOF, AND WILL IN ALL THINGS STRICTLY COMPLY WITH THE CONDITIONS UNDER WHICH THIS PERMIT IS GRANTED.

Contractor (if any) None } Owner New Century Beverage Co

Address

Designer } Address 520 Pacific Ave St. By Rudolph Lamprecht

Address

ORDINANCE 1430 N.S. SECTION 61. "WHEN A BUILDING IS READY FOR LATHING OR SHEATHING ON THE INSIDE, THE BUILDING INSPECTOR SHALL BE NOTIFIED. THE ROUGH STUDDING SHALL NOT BE COVERED UP IN ANY WAY CONCEALED FROM VIEW UNTIL INSPECTION HAS BEEN MADE AND THE WRITTEN APPROVAL OF THE BUILDING INSPECTOR OBTAINED."

THE DEPARTMENT WILL CALL UP TELEPHONE NO. ..... IF ANY ALTERATIONS OR CHANGES ARE NECESSARY IN THE PLANS SUBMITTED.

STATE LICENSE NO. ..... CITY LICENSE NO. .....

PLOT PLAN

REPORT OF INSPECTOR

PLANS CHECKED

Basement
Plot Plan
Site Plan
Floor Plans
Height Limit
Garage Area
Dwellings
Outbuildings and Plans
Type of Frame
Exterior Walls
Roof
Floor Construction
Footings
Foundation
Underpinning

APPROVED: ..... Plan Checker

Report City Clerk

AGENDA

APPLICATION

Permit for ...

Cost $ ... Contractor

Issued ...

F.O.K. 11-11-36 7nd Rg. H

F.O.K. 12-11-36 Plastering up H

F.O.K.

F.O.K.

F.O.K.

PLASTER O.K.

FINAL O.K. 1-8-37 H

Permission is hereby granted to work, after or repair the building described in this application in accordance with the Building Ordinances of the City of Oakland and to the satisfaction of the Building Inspector.

Approved: R. C. BURGESS, Building Inspector

By: ...

Issued ...

WRITE IN INK—FILE TWO COPIES

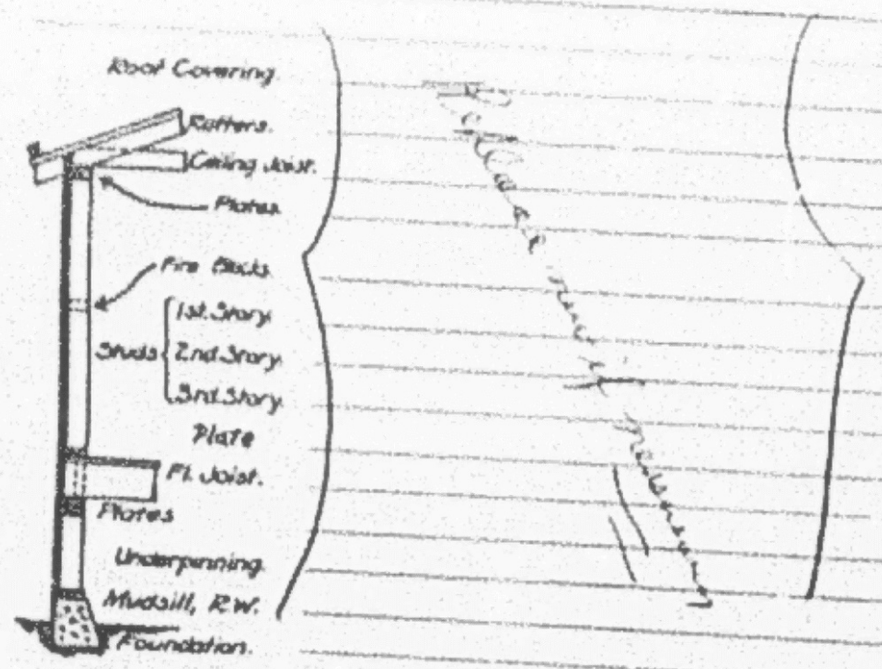
APPLICATION FOR A BUILDING PERMIT

APPLICATION IS HEREBY MADE TO THE BUILDING DEPARTMENT OF THE CITY OF OAKLAND FOR PERMISSION TO DO THE FOLLOWING WORK AT

NUMBER 3721 Chestnut [illegible] STREET AVE

WRITE PLAINLY FULL DESCRIPTION OF WORK TO BE DONE
ALL NEW CONSTRUCTION MUST BE DESCRIBED AS TO SIZE, SPAN AND SPACING

All new joists when needed in Roof of O.D.
" " Materials in Exact Room " " " " " " "
Other minor alterations Roof Cover with new cotton felt



ENTIRE COST OF WORK (FOR ANY PURPOSE INCLUDING EXCAVATION NECESSARY FOR COMPLETE ACCOMPLISHMENT OF WORK) $ 1000.00

BUILDING NOW USED AS Warehouse

BUILDING TO BE USED AS Business Block BY

I HEREBY AGREE TO SAVE, INDEMNIFY AND KEEP HARMLESS THE CITY OF OAKLAND AND ITS OFFICERS, EMPLOYEES AND AGENTS AGAINST ALL LIABILITIES, JUDGMENTS, COSTS AND EXPENSES WHICH MAY IN ANY WISE ACCRUE AGAINST THE CITY IN CONSEQUENCE OF THE GRANTING OF THIS PERMIT, OR FROM THE USE OR OCCUPANCY OF ANY SIDEWALK, STREET OR PUBLIC SIDEWALK, OR DAMAGE BY VIRTUE THEREOF, AND WILL IN ALL THINGS STRICTLY COMPLY WITH THE CONDITIONS UNDER WHICH THIS PERMIT IS GRANTED.

CONTRACTOR OR BUILDER None
ADDRESS Carpenter
DESIGNER
ADDRESS

OWNER New Cortlung Bev. Co.
ADDRESS 3721 Chestnut
BY [illegible]

ORDINANCE 1488 N.S., SECTION 96: "WHEN A BUILDING IS READY FOR LATHING OR SHEATHING ON THE INSIDE, THE BUILDING INSPECTOR SHALL BE NOTIFIED. THE ROUGH STUDDING SHALL NOT BE COVERED OR IN ANY WAY CONCEALED FROM VIEW UNTIL INSPECTION HAS BEEN MADE AND THE WRITTEN APPROVAL OF THE BUILDING INSPECTOR OBTAINED."

THE DEPARTMENT WILL CALL UP TELEPHONE NO. _____ IF ANY ALTERATIONS OR CHANGES ARE NECESSARY ON THE PLANS SUBMITTED.

STATE LICENSE NO. _____ CITY LICENSE NO. _____

PLOT PLAN

REPORT OF INSPECTOR

PLANS CHECKED

Excav.
Inlets Low
Fire Limits
Corner Lines
Fire Limits
Corner Lines
Height Limit
Corner Lots
Footings
Foundation
Foundation and Floor
Exterior Walls
Exterior Walls
Roof
Roof Inspection
Roof Inspection
Plastering
Plastering Walls
Plastering

APPROVED: _____ Plan Checker

No. 6[illegible]

APPLICATION

Permit for Repairs

Owner

Contractor

Cost $ [illegible] For [illegible]

Issued

R.O.K. 4-26-37 3rd Reg.
F.O.K. 5-24-37

R.O.K. 6-1-37

W.O.K.

L.O.K.

PLASTER O.K.

FINAL O.K. 6-24-37

Permission is hereby granted to erect, alter or repair the building described in this application, in accordance with and subject to the provisions of the Building Ordinance of the City of Oakland, and to the satisfaction of the Building Inspector.

Approved: E. U. MUSSELL, Building Inspector

By: [signature]

Issued: _____

City Manager's Permit

Case No. ____ Fee ____

WRITE IN INK — FILL INTO COPIES

Application to Alter, Repair, Add to Or Wreck a Building

CITY OF OAKLAND, BUILDING DEPARTMENT

Assessor Parcel

Number 3521 Chestnut — Open lot on N or

1. Type of Building I, II, III, IV, V
2. Type of Occupancy A, B, C, D, E, F, G, H, I, J
3. City Zone A, B, C, D, E, F, G, H, I
4. Fire Zone 1, 2, 3, 4
5. If in Port Area, list three Apple numbers

For Office Use Only

6. Present use of building Bottle Storage (Store, Dwelling, Apartment House, Hotel or other purposes) Families ____ Rooms ____
7. Proposed use of Building Empty Bottle Storage (Store, Dwelling, Apartment House, Hotel or other purposes) Families ____ Rooms ____
8. State how many buildings there on lot and give use of each None (Store, Dwelling, Apartment House, Hotel or other purposes)
9. Size of existing Building ____ x ____ Number of stories high ____
10. Describe briefly all proposed construction work Steel Frame with corrugated iron covering — open front with necessary footings

11. Footing: Width 2'-2" x 4 Depth in Ground 2' Width of Wall ____ Material ____
Studs ____ @ ____ Floor Joists ____ @ ____ Ceiling Joists ____ @ ____
Rafters 2"x5" @ 10' Roof Covering Galv. Corr. Iron

12. VALUATION OF PROPOSED WORK:

COST OF WORK TO BE CHECKED DURING FINAL INSPECTION

including all labor and material and all permanent lighting, heating, ventilating, water supply, plumbing, fire sprinkler, electric wiring and elevator equipment therein or thereon. $ 1500

I hereby agree to save, indemnify and keep harmless the City of Oakland and its officers, employees and agents against all liabilities, judgments, costs and expenses which may in any wise accrue against the City in consequence of the granting of this permit or from the use or occupancy of any sidewalk, street or sub-sidewalk, or otherwise by virtue thereof, and will in all things strictly comply with the conditions under which this permit is granted.

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all City ordinances and State laws regulating building construction.

Contractor (if any) Herrick Iron Works

Address R. A. Campbell

Certified Architect ____ State License No. ____

Licensed Engineer ____ State License No. 2232

Signature of Owner Safeway Properties Inc.

Address 3521 Chestnut St.

Authorized Agent Herrick Iron Works By R. A. Hamilton

Do not lath, sheath, or otherwise conceal any portion of walls or ceiling until the inspection has been signed by the ELECTRICAL and PLUMBING INSPECTOR. Following the approval of the ELECTRICAL and PLUMBING INSPECTORS, call the BUILDING INSPECTOR before proceeding further with the work.

The Department will call up Telephone No. GL 1-1267 if any alterations or changes are necessary on the plans submitted.

CONTRACTOR'S STATE LICENSE No. 76562 AND CITY LICENSE No. 1057

If the work herein described is not commenced within sixty (60) days after the issuing of this permit, this permit becomes null and void as provided in Section 19 of Part I of Ordinance 2745 C.M.S.

Form 3400-2/54

FOR PLAN

APPLICATION FOR A PERMIT TO ALTER, REPAIR, ADD TO OR WRECK A BUILDING

File ____

Case No. ____ Fee Cos

Cost of work to be checked before final inspection

Date ____

Permit to Lawfully Occupy of the Size, Height, and as Positioned as Lawfully Occupy of the Size, Height, and as Positioned as shown on this application or amended application shall be deemed to be a permit to construct or erect such building or structure in accordance with Ordinance No. 2745 C.M.S. and all other Ordinances enacted thereto or the City of Oakland, and to the satisfaction of the Building Inspector.

Approved L. A. Lewis, Building Inspector

By ____

F.O.K. 11-5-54

S.O.K.

W.O.K.

L.O.K.

PLASTER O.K.

FINAL O.K.

"WARNING: This proposed construction may be in violation of Historical Protection Ordinance. You are cautioned to consult with Inspection Bureau and with other Federal agencies on subsidences. You are cautioned to consult with Inspection Bureau and with the Building Inspector before commencing that work authorized by this permit."

Above Warning Noted ____ Permittee

Case No. _____ Plot Plan _____

City Manager's Permit _____

WRITE IN INK — THIS TWO COPIES

Application to Alter, Repair, Add to Or Wreck a Building

CITY OF OAKLAND, BUILDING DEPARTMENT

Number 8521 [illegible] St. Avenue Street

1. Type of Building I, II, III, IV, V
2. Type of Occupancy A, B, C, D, E, F, G, H, I, J
3. City Zone A, B, C, D, E, F, G, H, I
4. Fire Zone 1, 2, 3, 4
5. If in Port Area, file three applications

For Office Use Only

6. Present use of building Warehouse (Store, Dwelling, Apartment House, Hotel or other purposes) Families ____ Rooms ____
7. Proposed use of Building Commercial Port (Store, Dwelling, Apartment House, Hotel or other purposes) Families ____ Rooms ____
8. State how many buildings now on lot and give use of each (Store, Dwelling, Apartment House, Hotel or other purposes)
9. Size of existing Bad long ____ x ____ Number of stories high 1
10. Describe briefly all proposed construction work [illegible]
11. Footing: Width ____ Depth in Ground ____ Width of Wall ____ Mud sill ____
    Studs ____ @ ____ Floor Joists ____ @ ____ Ceiling Joists ____ @ ____
    Rafters ____ @ ____ Roof Covering ____
12. VALUATION OF PROPOSED WORK:

including all labor and material and all permanent lighting, heating, ventilating, water supply, plumbing, fire sprinkler, electric wiring and elevator equipment thereon or therein, $ ____

COST OF WORK TO BE COVERED BEFORE FINAL INSPECTION

I hereby agree to save, indemnify and keep harmless the City of Oakland and its officers, employees and agents against all liabilities, judgements, costs and expenses which may in any wise accrue against the City in consequence of the granting of this permit or from the use or occupancy of any sidewalk, street or sub-sidewalk, or otherwise by virtue thereof, and will in all things strictly comply with the conditions under which this permit is granted.

Contractor (if any) [illegible]

Address [illegible]

Certified Architect ____ State License No. ____

Licensed Engineer ____ State License No. ____

I hereby acknowledge that I have read this application and state that the above is correct and agree to comply with all City ordinances and State Laws regulating building construction.

Signature of Owner [illegible]

Address [illegible]

Authorized Agent [illegible]

Do not lath, sheath, or otherwise conceal any portion of walls or ceiling until the inspection card has been signed by the ELECTRICAL and PLUMBING INSPECTORS. Following the approval of the ELECTRICAL and PLUMBING INSPECTORS, call the BUILDING INSPECTOR before proceeding further with the work.

The Department will call up Telephone No. [illegible] if any alterations or changes are necessary on the plans submitted.

CONTRACTOR'S STATE LICENSE No. [illegible] AND CITY LICENSE No. [illegible]

If the work herein described is not commenced within one hundred twenty (120) days after the issuing of this permit, this permit becomes null and void as provided in Section 302(d) of Part I of Ordinance 3419 C.M.S.

1954 [illegible]

PLOT PLAN

[illegible]

No. 802788

APPLICATION FOR A PERMIT TO ALTER, REPAIR, ADD TO OR WRECK A BUILDING

Case No. ____ Plot Plan ____

Date [illegible]

Owner [illegible]

Job Location [illegible]

No. 8521 [illegible] St.

Cost $ [illegible] For $ [illegible]

Contractor [illegible]

Contractor's License No. [illegible]

Contractor's Address [illegible]

Certificate of Architect or Engineer [illegible]

Approved [illegible]

Lawrence A. Lane, Building Inspector

By [illegible]

Date [illegible]

P.O.K. ____

R.O.K. ____

W.O.K. ____

L.O.K. ____

PLASTER O.K. ____

FINAL O.K. ____

September 12, 1959

Mr. Cohn
State of California
Division of Highways
P. O. Box 3366
Bloomer Street
San Francisco, California

Re: 3521 Chestnut Street

Dear Mr. Cohn:

The following report by Deputy Building Inspector Leslie Shaw of the work being done at 3521 Chestnut Street under building permit B[illegible]706 is forwarded to you as requested in your telephone conversation of September 15, 1959, with Mr. Shaw:

"I inspected the building before the permit was issued. A portion of the building was to be torn down to make way for the new highway and a new wall installed.

Upon inspection, I found that the rear wall was in such a condition as to be hazardous. [illegible] the building was to be rented or leased, I informed your depa[illegible] that [illegible] have to be replaced. The permit owners this.

If there are any questions regardi[illegible] matter, please feel free to call Deputy Building Inspector Leslie Shaw, [illegible] 2-3[illegible], Extension [illegible], between the hour of [illegible] and 9:00 a.m., Monday through Friday, and [illegible] review this with you.

Very truly yours,

LAWRENCE A. LANE
Building Inspector

By
[illegible]
Supervising Building Inspector

[illegible]

[illegible]
[illegible] Chestnut [illegible]

Mr. Sherman of Sherman
Crane [illegible] [illegible]
[illegible] job where [illegible] studs
have been used for [illegible]
[illegible] at 24" [illegible]
asked that I call Mr. Cohn
at [illegible] and he
would [illegible] by a joint
division of the State and City.
Mr. Cohn was not in so
I talked to Mr. Kenny
who reaffirmed that city
requirements should be met.
Mr. Kenny said Mr. Cohn
would contact Mr. Sherman
also regarding requirements.
Called Mr. Sherman again
and told him 2"x6"
studs would have to be

August 25, 1959

Sherman Crane Service
150 Oak Street
San Francisco, California

Re: 1521 Chestnut Street

Gentlemen:

A recent inspection of the work being performed at 1521 Chestnut Street under building permit 082706 discloses that the following correction is necessary:

The studs that are being placed at two foot (2') centers are required to be installed at sixteen inch (16") centers.

Please call this office for an inspection when the correction has been completed.

Very truly yours,

PETER A. CERTOLJO
Supervising Building Inspector

By _____
LESLIE J. SHAW
Deputy Building Inspector

LJS:jjk

CITY OF OAKLAND

BUILDING DEPARTMENT

CITY HALL, 19TH AND WASHINGTON STREETS
OAKLAND 12, CALIFORNIA
TEMPLEBAR 2-3000

LAWRENCE A. LANG
BUILDING INSPECTOR

August 24, 1959

Sherman Crane Service
190 Oak Street
San Francisco, California

Re: 3521 Chestnut Street

Gentlemen:

A recent inspection of the work being performed at 3521 Chestnut Street under building permit B82706 discloses that the following correction is necessary:

The studs that are being placed at two foot (2') centers are required to be installed at sixteen inch (16") centers.

Please call this office for an inspection when the correction has been completed.

Very truly yours,

PETER A. ORTOLJO
Supervising Building Inspector

By Leslie S. Shaw
LESLIE S. SHAW
Deputy Building Inspector

LSS:jjt

Returned "Embankment Address" [illegible] 8-27-59 [illegible] to permit indicating that [illegible] [illegible] [illegible]

8-27-59 PA

Sept [illegible]

Mr. Cahn
[illegible] Division of Highways
P.O. Box [illegible]
Rincon Annex
San Francisco, Calif.

Dear [illegible]

I am writing in confirmation of our phone conversation of Sept. 18. This was in regard to the work being done at 3521 Chestnut St. under permit #B82706.

I inspected the building before the permit was issued. A portion of the building was to be torn down to make way for the new Highway and a new wall installed.

Upon inspection I found that the rear wall was in such a condition as to be hazardous. ~~As the purpose of the work~~ was as the building was to be rented or leased I informed your department it would have to be replaced. The permit covers this

Sincerely

Leslie S. Shaw

FOR OFFICE USE ONLY

BUILDING & HOUSING DEPARTMENT — CITY OF OAKLAND
WRITE IN INK - FILE ALL COPIES

Inspected

3521-CHESTNUT ST.

HH

DATE FILED 8 MAY 1964

DATE ISSUED MAY 1 1 1964

PERMIT NO. C15782

APPLICATION FOR PERMIT TO:

ALTER ✓ ADD TO ___ NEW CONSTR ___

REPAIR ___ WRECK ___ OTHER ___

JOB LOCATION 3521 CHESTNUT ST OAKLAND.

OWNER'S NAME NATIONAL ELECTRIC CO

OWNER'S ADDRESS AS ABOVE

OWNER'S PHONE NO. 653-0416

FIELD CHECK BY ___ DATE ___

Approved YES ___ NO ___

REMARKS (conditions noted) ___

VALUE: $ 150 —

Address Fee $ ___

General Fee $ 3 —

Checking Fee $ ___

Receipt Fee ___

TOTAL FEES $ 3.00

ADDITIONAL COST: $ ___

Add'l Fee $ ___

Add'l Checking Fee $ ___

Date ___

TOTAL VALUE: $ ___

TOTAL FEES $ ___

PLAN FILED Yes ___ No ✓ SURVEYS FILED Yes ___ No ✓

MAP NO. 9 TRACT NAME NO. ___

TYPE OF BUILDING I A W N (V) WT I M N

OCCUPANCY GROUP A B C D E F (G) H I J DIV 1 2 3 4 5

ZONING DISTRICT AA A B CC C D E F G (H) I S L T UR

FIRE ZONE 1 2 (3)

ADDITION (ALTERATION) REPAIR

NEW CONSTRUCTION

Size of new building ___ x ___ Number of Families ___

Height to highest point ___ Size of Lot ___ x ___

No. of Stories ___ Material of Exterior Walls ___

Specific type of Occupancy ___

State how many buildings now on lot and give use of each ___

Footing Width ___ Depth in Ground ___ Width of Wall ___ Mudsill ___

Studs ___ x ___ @ ___ ctrs. Floor Joists ___ x ___ @ ___ ctrs. Ceiling Joists ___ x ___ @ ___ ctrs.

Rafters ___ x ___ @ ___ ctrs. Roof covering ___

VALUATION OF PROPOSED WORK:

including all labor and material and all permanent lighting, heating, ventilating, water supply, plumbing, fire sprinkler, electric wiring and elevator equipment therein or thereon, $ 150 00

COST OF WORK TO BE CHECKED BEFORE FINAL INSPECTION.

GENERAL INSTRUCTIONS: If the work herein described is not commenced within one hundred twenty (120) days after the issuing of this permit, or if the work is suspended or abandoned at any time after the work is commenced for a period of one hundred twenty (120) days, this permit shall expire by limitation and become null and void as provided in the Oakland Building Code.

Permission is hereby granted to do the work described in this application in accordance with the provisions of the Oakland Building Code and related ordinances.

Approved: LAWRENCE A. LANE
Building Inspector
By CHD.

Present use of building WHAREHOUSE & SHOP Families ___ Rms ___

Proposed use of building NO CHANGE Families ___ Rms ___

Size of existing building ___ x ___ Number of stories high ___

Describe briefly all proposed construction work

INSTALL NEW WINDOW ALUM SL. 4'x 8'
INSTALL NEW DOOR IN EXIST. OPENING

Contractor (if any) G.D.F.P. CONSTRUCTION CO INC. (Certified Architect)

Address 1305A UNIVERSITY AVE BERKELEY

Phone No. 848-8832 Licensed Civil Engineer

State License No. 216791 City License No. Exp 4/30/65

I hereby agree to save, indemnify and keep harmless the City of Oakland and its officers, employees and agents against all liabilities, judgments, costs and expenses which may in any wise accrue against the City in consequence of the granting of this permit or from the use or occupancy of any sidewalk, street or sub-sidewalk, or otherwise by virtue thereof, and will in all things strictly comply with the conditions under which this permit is granted.

Roger G. Mach
G.D.F.P. Const. Co. Inc.

TO BE SIGNED ONLY WHEN ISSUED TO OWNER.

I hereby certify that I am the applicant for a Building Permit, and that in the performance of the work for which such permit is issued, I will not employ any person or persons in any manner so as to become subject to the provisions of the Labor Code of the State of California relating to workmen's compensation insurance.

Signature of Owner ___

DEPARTMENT COPY

FOR INSPECTIONS TELEPHONE 273-3441

July 30, 1961

Compagnie A Natoma Roofing Company
1121 Sybil Avenue
San Leandro, California

Re: 3521 Chestnut Street

Gentlemen:

3521 Chestnut St.

R. R. Buzzanine,

R. R. BUZZANINE

APPROVAL REQUIRED BY STREET AND ENGINEERING DEPARTMENT:

There are no PROPOSED STREET OPENINGS, PUBLIC EASEMENTS OF RECORD

or _____

in this Department which are in conflict with this application.

REMARKS _____

STREET AND ENGINEERING DEPARTMENT

By _____ Date _____

FORMS OK

LATH OK

J.S. Headen 5/13/64

ROUGH OK

GYPSUM PLASTER OK

WIRE OK

FINAL OK 6/11/64 - HH

FIREPLACE OK

PLOT PLAN

TREASURER

PAID

MAY 12 1964

CITY OF OAKLAND

DRAFT

Permit/Complaint History ≈ 1987 - Current

Address			Record #	Status	Filed Date	Status Date	Description
3501	ADELINE	ST	ESX18003	Complete	1/11/2018	1/11/2018	NEPA analysis for Families in transition at multiple sites for HUD CoC funding for supportive services
3501	ADELINE	ST	1107716	Non-Actionable	12/22/2011	12/23/2011	VACANT UNSECURED PROPERTY WITH TRASH AND DEBRIS IN THE BACK YARD
3501	ADELINE	ST	RE0802243	Final	7/18/2008	10/20/2008	Electrical for upgrades
3501	ADELINE	ST	RM0801201	Expired	7/18/2008	7/1/2009	Plumbing for upgrades
3501	ADELINE	ST	RP0801766	Final	7/18/2008	10/20/2008	Plumbing for upgrades
3443	ADELINE	ST	P0702147	Withdraw	7/27/2007	12/27/2007	install separate gas meter to serve rear building along with gas piping upgrades as needed
3501	ADELINE	ST	RB0603835	Expired	8/29/2006	7/1/2009	seismic upgrade,plumbing & electrical.new windows,re-roofing and rebuild front porch deck. New carpert/flooring/paint.
3501	ADELINE	ST	602590	No Violation Found	4/18/2006	7/3/2006	SQUATTERS LIVING IN VACANT UNIT. YARD UNKEPT WITH RATS AND TRASHTHROUGHOUT. UPDATE 06-06-06 BUILDING STILL NEED PAINTING.
3443	ADELINE	ST	ZP030086	TBD	9/24/2003		Pre-Application request to convert existing commercial building (former beauty shop) into dwelling unit located behind existing single-family dwelling
3443	ADELINE	ST	RB0303232	Withdraw	6/30/2003	12/19/2005	CONVERT BLDG USAGE FROM COMMERCIAL TO RESIDENTIAL
3501	ADELINE	ST	100826	No Violation Found	2/1/2001	2/2/2001	REAR YARD HAS AN ACCUMULAITON OF GARBAGE, TRASH AND DEBRIS
3443	ADELINE	ST	9082	Abated	9/15/2000	11/27/2000	HEATER DOES NOT WORK, WIRING FAULTY, WORK BEING DONE WITHOUT PERMITSAS WELL AS OTHER PROBLEMS;HOUSE IN BACK BEING BUILT W/OUT PERMITS
3449	ADELINE	ST	LOWE 8724	Abated	9/1/2000	8/8/2001	RUSTY WATER COMING FROM PIPES, NO HEATER FOR 3 YEARS - PGE SAYS HEATERNO GOOD, WIRING NOT UPS TO CODE, GOING UP ON RENT. SEC. GATE INOPERABL
3501	ADELINE	ST	4425	Violation Verified	5/11/2000	5/12/2000	THE TREE IN THE REAR HAS FALLENINTO THE NEIBORS YARD AND DAMAGED THEFENCE REMOVE THE TREE AND REPAIR THE FENCE AS REQUIRED. 8.24OMC
3501	ADELINE	ST	9702286	Closed	5/2/1997	6/9/1997	PLUMBING IN KITCHEN; WATER WON'T DRAIN IN SINK
3500	ADELINE	ST	X9500103	Expired	3/31/1995	12/31/1999	UTILITY COMPANY EXCAVATION PERMIT FOR ADELINE FROM 35TH TO 36TH ST FOR INSTALLATION OF 2-2" CONDUITS FOR CABLE TV
3449	ADELINE	ST	9502059	Non-Actionable	3/27/1995	4/7/1995	TREES,POSSIBLE FIRE HAZARD
3444	ADELINE	ST	B9101456	Expired	3/25/1991	4/15/1992	CONSTRUCT FENCE

DRAFT

For real-time, direct access to information via the Internet, 24 hours a day - https://aca.accela.com/oakland

Permit/Complaint History ≈ 1987 - Current

Address	Record #	Status	Filed Date	Status Date	Description
3501 ADELINE ST	B9004590	Final	9/4/1990	9/21/1990	AS PER ATTACHED WPRK DESCRIPTION REPAIR ONLY

DRAFT

Permit/Complaint History ≈ 1987 - Current

Address			Record #	Status	Filed Date	Status Date	Description
3499	CHESTNUT	ST	ZC100886	Approved	4/13/2010	4/13/2010	Zoning clearance for a custom tattoo design studio.
3499	CHESTNUT	ST	707899	No Violation Found	10/16/2007		TRASH AND DEBRIS IN THE FRONT OF THE PROPERTY.
3499	CHESTNUT	ST	X0000027	Permit Issued	1/11/2000	1/11/2000	excavation for tank removal
3499	CHESTNUT	ST	OB000020	Final	1/11/2000	2/28/2000	reserve 50ft parking space for construction purposes

DRAFT

STATE WATER RESOURCES CONTROL BOARD

GEOTRACKER

CASE SUMMARY

REPORT DATE	HAZARDOUS MATERIAL INCIDENT REPORT FILED WITH OES?
8/16/2006	N

I. REPORTED BY -

UNKNOWN

CREATED BY

UNKNOWN

III. SITE LOCATION

FACILITY NAME
ZIMMERMAN PROPERTY

FACILITY ID

FACILITY ADDRESS
3442 ADELINE STREET
OAKLAND, CA 94608
ALAMEDA COUNTY

ORIENTATION OF SITE TO STREET

CROSS STREET
34th St.

V. SUBSTANCES RELEASED / CONTAMINANT(S) OF CONCERN

BENZENE
GASOLINE

VI. DISCOVERY/ABATEMENT

DATE DISCHARGE BEGAN

DATE DISCOVERED	HOW DISCOVERED	DESCRIPTION
2/11/2000	Tank Closure	

DATE STOPPED	STOP METHOD	DESCRIPTION
2/22/2000	Close and Remove Tank	

VII. SOURCE/CAUSE

SOURCE OF DISCHARGE
U

CAUSE OF DISCHARGE
U

DISCHARGE DESCRIPTION

VIII. CASE TYPE

CASE TYPE
Other Groundwater (uses other than drinking water)

IX. REMEDIAL ACTION

REMEDIAL ACTION	BEGIN DATE	END DATE	DESCRIPTION
Excavation	3/1/2009	4/1/2009	
Excavation	3/1/2009	4/30/2009	

X. GENERAL COMMENTS

On February 22, 2000 one 3,750-gallon UST was removed. Soil and groundwater samples contained elevated concentrations of TPHg, TPHd and benzene.
Additional investigation was performed in 2006. TPHg concentrations were indicative of SPH in groundwater. Subsequent investigation has included soil vapor sampling and an interim source removal was performed in March and April 2009. Soil Vpoar concetrations are above the reidential exposure limit for benzene. A feasibility study will be submitted in the future.

XI. CERTIFICATION

DRAFT

I HEREBY CERTIFY THAT THE INFORMATION REPORTED HEREIN IS TRUE AND ACCURATE TO THE BEST OF MY KNOWLEDGE.

XII. REGULATORY USE ONLY

LOCAL AGENCY CASE NUMBER	REGIONAL BOARD CASE NUMBER
RO0002936	NA

LOCAL AGENCY

CONTACT NAME	INITIALS	ORGANIZATION_NAME	EMAIL ADDRESS
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CONTACT DESCRIPTION

PHONE TYPE	PHONE NUMBER	EXTENSION
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REGIONAL BOARD

CONTACT NAME	INITIALS	ORGANIZATION_NAME	EMAIL ADDRESS
Regional Water Board	UUU	SAN FRANCISCO BAY RWQCB (REGION 2)	

ADDRESS
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OAKLAND, CA 94612

CONTACT DESCRIPTION

PHONE TYPE	PHONE NUMBER	EXTENSION
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SCP General Contact	(510)-622-2408	
UST General Contact	(510)-622-3277	

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ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
COLLEEN CHAWLA, DIRECTOR

DEPARTMENT OF ENVIRONMENTAL HEALTH
LOCAL OVERSIGHT PROGRAM (LOP)
For Hazardous Materials Releases
1131 HARBOR BAY PARKWAY, SUITE 250
ALAMEDA, CA 94502
(510) 567-6700
FAX (510) 337-9335

August 9, 2018

Steffi R. Zimmerman Trust
Care of: Mr. Bill Mouat (Sent via E-mail to: bandsm1@comcast.net)
3289 Loma Verdes Place
Lafayette, CA 94549-1805

Subject: Technical Report Request for Fuel Leak Case No. RO0002936 and GeoTracker Global ID T0600183099, Zimmerman Property, 3442 Adeline St., Oakland, CA 94608

Dear Mr. Mouat:

Thank you for participating in the meeting held at Alameda County Department of Environmental Health's (ACDEH) offices on June 22, 2018 attended in person by yourself, and Jeremy Smith of AEI Consultants (AEI), and by phone Jacquelyn Day and Trent Weise of AEI. The purpose of the meeting was to discuss the *Report on Data Gap Investigation, Updated Site Conceptual Model and Closure Evaluation* (Report) dated September 12, 2017, and the *Semi Annual Groundwater Monitoring Report, First Semester 2018* (Groundwater Report) dated March 26, 2018, both prepared and submitted on your behalf by AEI and identify the next steps to progress the case to closure. The case was evaluated in conjunction with the State Water Resources Control Board's (SWRCBs) Low Threat Underground Storage Tank Case Closure Policy (LTCP); ACDEH has determined that the site does not meet the LTCP General Criteria d (Free Product Removal), Media-Specific Criteria for Groundwater, or the Media-Specific Criteria for Vapor Intrusion to Indoor Air.

ACDEH understands that the site's buildings are two conjoined warehouses oriented north-south, fronting Chestnut, 35th, and Adeline Streets. The northern-most warehouse is used for storage, while the southern warehouse is used as an indoor fitness facility. The site is surrounded primarily by single-and multi-family residential housing.

During the meeting we discussed the following data provided in the above-referenced reports:

- Dissolved concentration of benzene in groundwater samples from MW-7 and MW-3 exceed 1,000 micrograms per liter (ug/L) the LTCP's Media Specific Groundwater maximum;
- Benzene concentrations in soil vapor samples from VB-12 exceed 280 micrograms per meter cubed (ug/m^3), the LTCP's Commercial use/no bioattenuation zone;
- Light non-aqueous-phase liquid (LNAPL) was discovered in a grab groundwater sample obtained in VB-21;
- Groundwater levels ranging between 3 feet to 12 feet below ground surface which indicates the absence of a bioattenuation zone;
- Possible existence of a vapor intrusion preferential pathway by utility lines (water and sanitary sewer lines and laterals) traversing the former underground storage tank (UST) location and leading south to Chestnut Street neighboring residential properties near VB-3 and VB-4;
- Inability to obtain vapor samples due to tight conditions in VB-6 located in southwest corner of site building and adjacent to the 3431 Chestnut Street residence;
- The introduction of peroxide into unidentified monitoring wells at the site, which may explain discrepancies in the groundwater monitoring well data also discussed during the meeting.

ACDEH requests that you prepare a Data Gap Investigation Work Plan that is supported by an updated Site Conceptual Model (SCM) to address the identified data gaps discussed during our meeting.

TECHNICAL COMMENTS

1. **LTCP General Criteria d (Free Product):** The LTCP requires free product to be removed to the extent practicable at release sites where investigations indicate the presence of free product by removing in a manner that minimizes the spread of the unauthorized release into previously uncontaminated zones by using recovery and disposal techniques appropriate to the hydrogeologic conditions at the site, and that properly treats, discharges, or disposes of recovery byproducts in compliance with applicable laws. Additionally, the LTCP requires that abatement of free product migration be used as a minimum objective for the design of any free product removal system.

   LTCP Media Specific Criteria for Groundwater: To satisfy the media-specific criteria for groundwater, the contaminant plume that exceeds water quality objectives must be stable or decreasing in areal extent, and meet all of the additional characteristics of one of the five classes of sites listed in the policy.

   ACDEH's review of the case files indicate that in light of the LNAPL discovery and persistent and elevated benzene groundwater concentrations, the SCM should be updated. Insufficient data and analysis has been presented to assess the discovery of light non-aqueous-phase liquid (LNAPL) in a grab groundwater sample obtained during the installation of VB-21, not located adjacent to any known source areas in the northern-most warehouse. VB-21's analytical results detected concentrations of 29,000 micrograms per liter (ug/L) Total Petroleum Hydrocarbons as gasoline (TPHg), 24,000 ug/L TPH diesel (TPHd), 600 ug/L benzene, 150 ug/L ethylbenzene, and 620 ug/L naphthalene.

   a. **Preparation of a Phase 1 Report**: ACDEH requests the preparation and submittal of a Phase I Report to facilitate updating the SCM with the emphasis on informing the LNAPL discovery by describing current and historic site operations/processes, current and historic facility structures and physical features including topographical features and surface water features. Please include current and historic site maps and describe release history, including potential source(s) of releases, potential contaminants of concern (COC) associated with each potential release, confirmed source locations, confirmed release locations, and existing delineation of release areas. Include local and regional plan view maps that illustrate the location of sources (former facilities, piping, tanks, etc.).

   b. **Preparation of a LNAPL Figure**: Please provide a figure which shows LNAPL concentration in soil, groundwater and soil vapor.

   c. **Update the SCM for dissolved benzene in groundwater**: Insufficient data and analysis has been presented to assess the relationship between lower/high groundwater elevation, lower/higher benzene concentrations, and the groundwater monitoring well network.

   d. **Relative Moisture Content on Boring Logs**: Determination of the thickness and depth of the bioattenuation zone; ACDEH staff review all site boring logs for descriptions of relative moisture content and indications of first/final depth to groundwater during and at boring completion. Please ensure that future boring logs provide this critical information.

   e. **Introduction of peroxide into unidentified monitoring wells at the site:** Please provide a complete description of this matter and if this in fact occurred, ACDEH requests a report documenting the incident(s) and documentation that the monitoring wells are secured with a lock.

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2. **LTCP Media Specific Criteria for Vapor Intrusion to Indoor Air:** The LTCP describes conditions, including bioattenuation (unsaturated) zones, which if met will assure that exposure to petroleum vapors in indoor air will not pose unacceptable health risks to human occupants of existing or future site buildings, and adjacent parcels. Appendices 1 through 4 of the LTCP criteria illustrate four potential exposure scenarios and describe characteristics and criteria associated with each scenario.

ACDEH's review of the case files indicate that due to lack of a bioattenuation zone, elevated and persistent benzene concentrations in groundwater, the location of sewer lines and laterals that traverse the former UST location, and the discovery of LNAPL in the northern warehouse, the current risk of vapor intrusion to indoor air has not been adequately evaluated to onsite use and adjacent residential properties.

ACDEH requests preparation of an Updated Site Conceptual Model and Data Gap Work Plan to evaluate the risk of vapor intrusion to both the on-site buildings and to neighboring residences through the installation of permanent soil vapor and sub-slab vapor probes to assess temporal and seasonal variations in soil gas concentrations discussed during our meeting. Please ensure the work plan is consistent with California Department of Toxic Substances Control's (DTSC) *Final Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air* (Vapor Intrusion Guidance) dated October 2011 and DTSC's *Advisory Active Soil Gas Investigations*, July 2015. Please include Standard Operation Procedures (SOP) for soil vapor probe and sub-slab probe installation and sampling in an appendix in the work plan requested below. As discussed during the meeting, please focus the work plan on the following areas:

Off-site vapor intrusion risk:

a. Prepare an aerial figure of the immediate site vicinity which shows the current use of neighboring parcels as vacant, residential, or commercial. Please provide a description of the foundations of two neighboring properties (3431 Chestnut Street and 3425 to 3427 Chestnut Street).

b. Contact neighbors to the south along Chestnut Street regarding foundation details and request access permission to collect vapor samples.

c. Assess vapor intrusion risk to neighboring residential property in the vicinity of VB-3 and VB-6; please propose passive sampling and indoor air sample collection taken for 24 hours with building both closed and open;

d. Propose collection of passive vapor sample in the sewer laterals near VB-4 where the laterals enter the neighboring properties;

On-site vapor intrusion risk:

e. Preparation of Site Building interior description: confirm the presence of heating, ventilation, and air conditioning (HVAC); present the schedule when the large garage doors on the western side of the warehouse are open;

f. Provide a site plan of both warehouses that show utilities, ceiling &/or wall fans, bathrooms, sanitary sewers locations;

g. Document the appearance of the building's interior and provide an occupancy schedule;

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h. Please propose indoor air sample collection both when the building in unoccupied and closed and when it is occupied and open;

i. Prepare a Site Management Plan (SMP) for building for the time periods(s) of occupancy with indoor air sample results.

TECHNICAL REPORTS REQUEST

Please send an e-mail notification (Attention: Karel Detterman) that the following technical reports have been uploaded to the State Water Resources Control Board's Geotracker website, according to Attachment 1 with the following specified file naming convention and schedule:

- **September 7, 2018 –** Updated SCM, Data Gap Work Plan, and Phase 1 Report
  File to be named: RO2936_SCM_WP_PHASE1_R_yyyy-mm-dd

This report is being requested pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from a petroleum UST system, and require your compliance with this request.

Thank you for your cooperation. Should you have any questions or concerns regarding your case, please send me an e-mail message at karel.detterman@acgov.org or call me at (510) 567-6708. Online case files are available for review at the following website: http://www.acgov.org/aceh/lop/ust.htm

Sincerely,

Digitally signed by Karel Detterman
DN: cn=Karel Detterman, o, ou, email=karel.detterman@acgov.org, c=US
Date: 2018.08.09 18:48:11 -07'00'

Karel Detterman, P.G.
Senior Hazardous Materials Specialist

Enclosures: Attachment 1 – Responsible Party (ies) Legal Requirements / Obligations
Electronic Report Upload (ftp) Instructions

cc: Trent Weise, AEI Consultants, (Sent via E-mail to: tweise@aeiconsultants.com)
Jacqueline Day, AEI Consultants, (Sent via E-mail to: jday@aeiconsultants.com)
Peter McIntyre, AEI Consultants, (Sent via E-mail to: pmcintyre@aeiconsultants.com)
Dilan Roe, ACDEH, (sent via e-mail to: dilan.roe@acgov.org)
Karel Detterman, ACDEH, (sent via e-mail to: karel.detterman@acgov.org)
Paresh Khatri, ACDEH, (sent via e-mail to: paresh.khatri@acgov.org)
Case Electronic File, GeoTracker

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Alameda County Environmental Cleanup Oversight Programs (LOP and SCP)	**REVISION DATE:** December 14, 2017
	ISSUE DATE: July 25, 2012
	PREVIOUS REVISIONS: September 17, 2013, May 15, 2014, December 12, 2016
SECTION: ACDEH Procedures	**SUBJECT:** Responsible Party(ies) Legal Requirements / Obligations

REPORT & DELIVERABLE REQUESTS

Alameda County Department of Environmental Health (ACDEH) Cleanup Oversight Programs, Local Oversight Program (LOP) and Site Cleanup Program (SCP) require submission of all reports in electronic form to the State Water Board's (SWB) GeoTracker website in accordance with California Code of Regulations, Chapter 30, Division3, Title 23 and Division 3, Title 27.

Leaking Underground Fuel Tank (LUFT) Cases

Reports and deliverable requests are pursuant to California Health and Safety Code Section 25296.10. 23 CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party (RP) in conjunction with an unauthorized release from a petroleum underground storage tank (UST) system.

Site Cleanup Program (SCP) Cases

For non-petroleum UST cases, reports and deliverables requests are pursuant to California Health and Safety Code Section 101480.

ELECTRONIC SUBMITTAL OF REPORTS

A complete report submittal includes the PDF report and all associated electronic data files, including but not limited to GEO_MAP, GEO_XY, GEO_Z, GEO_BORE, GEO_WELL, and laboratory analytical data in Electronic Deliverable Format™ (EDF). Additional information on these requirements is available on the State Water Board's website (http://www.waterboards.ca.gov/water_issues/programs/ust/electronic_submittal/)

- Do not upload draft reports to GeoTracker
- Rotate each page in the PDF document in the direction that will make it easiest to read on a computer monitor.

GEOTRACKER UPLOAD CERTIFICATION

Each report submittal is to include a GeoTracker Upload Summary Table with GeoTracker valid values[1] as illustrated in the example below to facilitate ACDEH review and verify compliance with GeoTracker requirements.

GeoTracker Upload Table Example

Report Title	Sample Period	PDF Report	GEO_MAPS	Sample ID	Matrix	GEO_Z	GEO_XY	GEO_BORE	GEO_WELL	EDF
2016 Subsurface Investigation Report	2016 S1	✓	✓	Effluent	SO	☐	☐	☐	☐	✓
2012 Site Assessment Work Plan	2012	✓	✓			☐	☐	☐	☐	☐
2010 GW Investigation Report	2008 Q4	✓	✓	SB-10	W	✓	☐	☐	☐	✓
				SB-10-6	SO	☐	☐	☐	☐	✓
				MW-1	WG	✓	✓	✓	✓	✓
				SW-1	W	✓	✓	✓	✓	✓

[1] GeoTracker Survey XYZ, Well Data, and Site Map Guidelines & Restrictions, CA State Water Resources Control Board, April 2005

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Alameda County Environmental Cleanup Oversight Programs (LOP and SCP)	**REVISION DATE:** NA
	ISSUE DATE: December 14, 2017
	PREVIOUS REVISIONS: September 17, 2013, May 15, 2014, December 12, 2016
SECTION: ACDEH Procedures	**SUBJECT:** Responsible Party(ies) Legal Requirements / Obligations

ACKNOWLEDGEMENT STATEMENT

All work plans, technical reports, or technical documents submitted to ACDEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following: "I have read and acknowledge the content, recommendations and/or conclusions contained in the attached document or report submitted on my behalf to the State Water Board's GeoTracker website." This letter must be signed by the Responsible Party, or legally authorized representative of the Responsible Party.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6731, 6735, and 7835) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately licensed or certified professional and include the professional registration stamp, signature, and statement of professional certification. Additional information is available on the Board of Professional Engineers, Land Surveyors, and Geologists website at: http://www.bpelsg.ca.gov/laws/index.shtml.

UNDERGROUND STORAGE TANK CLEANUP FUND

For LUFT cases, RP's non-compliance with these regulations may result in ineligibility to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse the cost of cleanup. Additional information is available on the internet at: https://www.waterboards.ca.gov/water_issues/programs/ustcf/

AGENCY OVERSIGHT

Significant delays in conducting site assessment/cleanup or report submittals may result in referral of the case to the Regional Water Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to $10,000 per day for each day of violation.

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REVIEW SUMMARY REPORT – ADDITIONAL WORK
FIRST REVIEW – MARCH 2018

Case Information

Cleanup Fund (Fund) Claim No.: 19453	GeoTracker Global ID: T0600183099
Site Name: Zimmerman Property	Address (Site): 3442 Adeline Street Oakland, CA 94608
Responsible Party (RP): The Steffi R. Zimmerman 2006 Trust Attn: Sandra Mouat	Address (RP): 3289 Lomas Verdes Place Lafayette, CA 94549
Claimant: Same as RP	Address (Claimant): Same as RP
Fund Expenditures to Date: $392,789	Number of Years Case Open: 11
Fund Budget Category: SWI – Soil and Groundwater Investigation	

Agency Information

Agency Name: Alameda County Environmental Health (County)	Address: 1131 Harbor Bay Parkway Alameda, CA 94602
Agency Caseworker: Karel Detterman	Case No.: RO0002936

Consultant History

Consultant: AEI Consultants	Years: 2009 – 2017
Signatory: Trent A. Weise, PE	Office Phone: (925) 746 –6000
Consultant: Clearwater Group Environmental Services	Years: 2007 – 2009
Signatory: James A. Jacobs, PG, CHG	Office Phone: (510) 307 –9943

This Review Summary Report is based on documents available in GeoTracker. To view the public documents for this case available in GeoTracker, use the following URL http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600183099:

Summary

The Low-Threat Underground Storage Tank (UST) Case Closure Policy (Policy) contains general and media-specific criteria, and cases that meet those criteria are appropriate for closure pursuant to the Policy. This case does not meet all of the required criteria of the Policy. Highlights of the case follow:

The Site is a former commercial petroleum fueling facility and currently is developed with two conjoined warehouse buildings (approximately 27,600 square feet total) and an attached canopy. The Site is utilized as an indoor facility primarily for softball and baseball training. Reportedly, the ground cover at the Site consists of concrete paving and artificial grass throughout. In February 2000, according to the *UST Closure Report* dated March 21, 2000 prepared by Clearwater Group,

Inc., a 3,750 gallon UST used for the storage of gasoline and diesel was removed. After the removal, UST sidewall soil samples and grab samples were collected from the tank excavation and petroleum hydrocarbon concentrations were detected in the samples collected. An unauthorized release was reported in August 2006 and site subsurface investigations commenced. Approximately 1,100 tons of petroleum impacted soil was removed in March/April 2009. Reportedly, the excavation pit was 12 feet deep and located immediately down-gradient of the former UST location. Active remediation has not been conducted at the Site. Since 2009, eight groundwater monitoring wells and four dewatering wells have been installed and regularly monitored. According to groundwater data, except for benzene and methyl tert-butyl ether (MTBE), water quality objectives (WQOs) have been achieved or nearly achieved.

The petroleum release is limited to the soil and shallow groundwater. The affected groundwater is not currently being used as a source of drinking water, and it is highly unlikely that the contaminated groundwater will be used as a source of drinking water in the foreseeable future.

Rationale for Closure under the Policy

General Criteria

- Site **meets all eight General Criteria** under the Policy.

Media-Specific Criteria

- Groundwater: Site does not meet Policy criteria. The contaminant plume that exceed the WQOs is greater than 250 feet in length. The dissolved concentration of benzene is greater than 1,000 micrograms per liter (µg/L) and the dissolved concentration of MTBE is less than 1,000 µg/L.
- Petroleum Vapor Intrusion to Indoor Air: Site does not meet Policy criteria because benzene concentrations in the groundwater are greater than 1,000 µg/L and total total petroleum hydrocarbons (gasoline and diesel) is greater than 100 milligrams per kilogram throughout the entire bioattenuation zone.
- Direct Contact and Outdoor Air Exposure: Site meets Criteria 3 (a). Maximum concentrations of petroleum constituents in soil from confirmation soil samples are less than or equal to those listed in Table 1 of the Policy.

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Recommendation
Based on this Review Summary Report the following data gaps were identified:

- A feasibility study/corrective action plan for groundwater and soil remediation is necessary to address the impacts beneath buildings. It would be beneficial in the study to confirm any permitted or permit required engineered building controls for air exchange in the indoor facility.
- Continued groundwater monitoring is necessary to assess current groundwater conditions.

In addition, continued soil vapor sampling is not necessary.

The recommended future Fund budget category for this claim is CAP/REM – Corrective Action Plan/Remediation.

3/26/2018
KhristinaRae Leyba Date
Water Resource Control Engineer
Technical Review Unit III
(916) 341-5796

3/26/18
Pat G. Cullen, PG #4932 Date
Senior Engineering Geologist
Chief, Technical Review Unit III
(916) 341-5684

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September 12, 2017

Ms. Karel Detterman
Alameda County Environmental Health
1131 Harbon Parkway, Suite 250
Alameda, California 94502

Subject: **Perjury Statement and Report Transmittal**
Zimmerman Property
3442 Adeline Street
Oakland, CA
AEI Project No. 281939
ACDEH Fuel Leak Case No. RO0002936

Dear Ms. Detterman:

I declare under penalty of perjury that the information and/or recommendations contained in the attached *Report on Data Gap Investigation, Updated Conceptual Site Model, and Closure Evaluation* dated September 12, 2017 for the above-referenced site are true and correct to the best of my knowledge.

If you have questions or need additional information, please contact me at (925) 457 - 5607 or Mr. Jonathan Sanders at AEI Consultants at (925) 250 - 6009

Sincerely,

Bill Mouat

Bill Mouat

Representative of the Steffi R. Zimmerman Trust

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AEI Consultants
Environmental & Engineering Services

September 12, 2017

Report on Data Gap Investigation, Updated Conceptual Site Model, and Closure Evaluation

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Property Identification:
Zimmerman Property
3442 Adeline Street
Oakland, CA

AEI Project No. 281939
ACEH Site: RO0002936

Prepared for:
Steffi R. Zimmerman Trust
c/o Mr. Bill Mouat
3289 Lomas Verdes Place
Lafayette, California

Prepared by:
AEI Consultants
2500 Camino Diablo
Walnut Creek, California

(925)746-6000

Environmental & Engineering Due Diligence

Site Investigation & Remediation

Energy Performance & Benchmarking

Industrial Hygiene

Construction

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Signatures

This document was prepared by, or under the direction of, the undersigned:

Jonathan E. Sanders, E.I.T.
Project Engineer

Trent A. Weise, P.E.
Principal Engineer

REGISTERED PROFESSIONAL ENGINEER
TRENT A. WEISE
No. C64480
Exp. 6/5/19
CIVIL
STATE OF CALIFORNIA

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1. INTRODUCTION

On behalf of the Steffi Zimmerman Trust (the Trust), AEI Consultants (AEI) has prepared this *Report on Data Gap Investigation, Updated Conceptual Site Model, and Closure Evaluation* for the property located at 3442 Adeline Street in the City of Oakland, Alameda County, California ("the Site"). The purposes of this report are to:

1) Document the implementation of the work plan presented in the *Updated Site Conceptual Model and Soil and Soil Vapor Investigation Report* dated November 15, 2016 ("the Work Plan") which was approved with technical comment by the Alameda County Department of Environmental Health (ACDEH) in their directive letter dated May 12, 2017;
2) Update the Site Conceptual Model with the newly collected data; and
3) Provide recommendations for achieving regulatory case closure for the Site under the requirements of the California State Water Resources Control Board (WRCB) Low-Threat Underground Storage Tank Case Closure Policy (LTCP).

2. SITE SETTING

2.1. Site Location and Description

The Site is an approximately one-acre parcel located on the southwest corner of 35th Street and Chestnut Street in an urban mixed commercial/industrial and residential area of the city of Oakland in California. The Site is fully developed with two conjoined warehouse buildings and attached canopy. Ground cover at the site consists of concrete paving throughout with no asphalt and no landscaped areas. Within the interior of easternmost warehouse building, the concrete paving is overlain by artificial turf or heavy rubber mats. The Site is fully enclosed by exterior walls to on-site improvements where present and a perimeter fence where no buildings are present. Access to the site is through a gate along Adeline street or through four roll-up doors along chestnut street. The general location of the Site is depicted in Figure 1 while the layout of the Site is depicted on Figure 2.

2.2. Summary of Previous Environmental Work

On February 22, 2000, Clearwater Group (Clearwater) reportedly removed a 3,750-gallon steel single-wall underground storage tank (UST) from a location immediately adjacent to the eastern property boundary. Sidewall soil samples (NW and SE) and a grab groundwater sample (Pit Water) were collected from the tank excavation for chemical analysis. Each of the two sidewall soil samples and the one groundwater sample yielded elevated concentrations of petroleum hydrocarbons suggesting a release of petroleum hydrocarbons had occurred from the former UST.

Subsurface investigations to characterize the lateral and vertical extent of petroleum hydrocarbons released from the former UST commenced in 2006. The investigation activities have included:

- Between 2006 and 2009, a total of 43 soil borings were advanced by Clearwater and AEI for the collection of soil and grab groundwater samples from both on-site and off-site

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locations. Analytical soil and groundwater data from these investigations are summarized in Table 1 and Table 2 respectively.

- In April 2009, seven groundwater monitoring wells (MW-1 through MW-7) were installed. Each well was installed with a screened interval from 7 to 17 feet bgs. Periodic groundwater monitoring of the groundwater in each of the monitoring wells has been performed since their installation. Monitoring well construction details are summarized in Table 3. Summaries of groundwater elevation data and gradient trends are provided in Table 4 and Table 5 respectively. Analytical data collected during historic groundwater monitoring events is summarized in Table 6
- In October 2016, permanent soil vapor probes VB-6 through VB-16 were installed and soil boring 32 was advanced. A total of 9 soil vapor and 24 soil samples were collected as part of this investigation, the results of which are reported in the *Updated Site Conceptual Model and Soil and Soil Vapor Investigation Report* dated November 15, 2016 and are summarized in Table 6. The findings of this investigation identified several data gaps and that benzene was present above the soil gas criteria as defined by the California Environmental Protection Agency's (Cal EPA) Low Threat Underground Storage Tank Case Closure Policy dated August 17, 2012 (LTCP). Data gaps related to soil vapor delineation, temporal soil vapor analytical data, and bounding groundwater analytical data.

Remedial activities at the Site have consisted of the following:

- In March and April of 2009 AEI conducted an interim remedial excavation. This excavation is described in detail in the *Interim Corrective Action Report* dated August 31, 2009 and is described briefly below:
    - The excavation was performed on-site and immediately down-gradient of the former UST location and inside one of the on-site warehouse buildings.
    - Approximately 1,100 tons of petroleum impacted soil was removed from a roughly 35 feet wide, 75 feet long, and 12 feet deep area.
    - The lateral extents of the excavation were determined by screening soils with a photoionization detector (PID) until measurements were below 100 parts per million by volume (ppmv).
    - The vertical extent of the excavation was terminated within a yellowish brown clay.
    - Confirmation soil samples were collected from ten locations (SW1 through SW10) along the excavation sidewalls at depths of between 5.5 and 8 feet bgs and 11.5 and 12 feet bgs and from four locations (B-1 through B-4) along the base of the excavation
    - Dewatering during excavation generated approximately 5,000 gallons of water which was discharged under permit to the sanitary sewer.
    - Five dewatering wells (BF-1 through BF-5) and three horizontal soil vapor extraction wells (SVE-1 through SVE-3) were installed during excavation and subsequent backfilling operations. The SVE wells were installed at a depth of seven-feet bgs along the north (SVE-1), east (SVE-2), and south (SVE-3) sides of the excavation.

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- In May 2009, one sparge well (IW-1) was installed within the former UST location for potential remedial activities. No further remedial activities involving this well have been conducted.
- Following evaluation of soil vapor concentrations in the horizontal vapor extraction wells, SVE-1 through SVE-3 and BF-4 were filled in place with neat cement grout on January 19, 2010 as documented in the *Work Plan for Remedial Investigation and Feasibility Study* dated April 30, 2010.

3. DATA GAP INVESTIGATION

AEI performed the data gap investigation in general accordance with the scope of work outlined in the DEH-approved Work Plan and the technical comments provided in the approval letter dated May 12, 2017. The purpose of the data gap investigation was to close the following data gaps:

- Collect additional soil vapor samples from the recently installed soil vapor probes at the Site to understand potential temporal variations in residual petroleum hydrocarbon concentrations in soil vapor.
- Install additional soil vapor probes to further define the lateral extent of the benzene and TPH-g soil vapor plumes to the west and north at the Site.
- The extents of the benzene and TPH-g groundwater plumes are bound by grab groundwater samples from 2007 and 2008 and from samples from groundwater monitoring events. Additional grab groundwater samples were requested by the ACDEH to confirm the petroleum hydrocarbon concentrations observed in the historical groundwater samples collected in 2007 and 2008 and that the extents of the benzene and TPH-g plumes in groundwater remain defined.

3.1. Health and Safety

The site-specific health and safety plan was updated, reviewed by onsite personnel, and kept onsite for the duration of the fieldwork.

3.2. Permitting and Utility Clearance

Soil boring permits W2017-0494 and W2017-0495 were obtained from the Alameda County Public Works Agency (ACPWA) for the advancement of soil borings and the installation of permanent soil vapor probes respectively. VB-04 and VB-05 were installed within the public right of way under encroachment permit X1700673 with the City of Oakland.

Prior to conducting subsurface field work, the public underground utility locating service 811 North was notified to identify public utilities in the work area. AEI contracted 1st Call Utility Locating Services of Richmond California to provide private utility locating services on June 13, 2017 to identify underground utilities entering the Site and to clear an approximate 10-square foot area around each boring location (VB-4, VB-5, and VB-17 through VB-22). Copies of the permits are included in Appendix A.

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3.3. Drilling and Soil Sample Collection

AEI contracted Environmental Control Associates, Inc. (ECA) of Aptos, California to advance twinned soil borings at each location on June 13, 2017, using track mounted direct push drill rigs. At each location one shallow soil boring was advanced to a total depth of 5.5 feet below ground surface for the installation of a permanent soil vapor probe. At each location except VB-22, a twinned boring was advanced until groundwater was encountered (between 10 and 21 feet below ground surface) for the collection of grab groundwater samples. Each boring was advanced to depth using four-foot long rods and a four-foot long, 2.25-inch outer diameter core barrel with an acetate sample liner. After each interval, the core was retrieved, core barrel disassembled, and the sample liner was removed and transferred to the onsite AEI field geologist. A minimum of one soil sample was collected per core barrel based on observed soil conditions or lithological changes. Soil samples were collected by cutting an approximate six-inch section of acetate tube, sealing the tube with Teflon™ tape and plastic endcaps. Sample containers were sealed, labeled with a unique identifier, and placed in an ice-chilled cooler after sample collection.

Soil cores collected from each soil boring were described using the Unified Soil Classification System. Although soil analysis was not included in the scope of work proposed by the *Work Plan* or in the technical comments provided in the *Directive*, soil samples were collected from the sample liner by cutting a roughly six-inch segment from the acetate liner and sealing both ends with Teflon tape and plastic end caps. A photo ionization detector (PID) calibrated with a two-point calibration using a 100 ppm isobutylene standard and ambient air was used to screen soil samples in the field. PID readings for each sample are included on the soil boring logs presented in Appendix B.

Upon advancement of the seven deeper soil borings at VB-4, VB-5, and VB-17 through VB-21 to groundwater, grab groundwater samples were collected by first installing virgin $^{3}/_{4}$-inch polyvinyl chloride (PVC) casing and well screen to prevent hole collapse and facilitate in sample collection. Following installation of the PVC casing, groundwater was purged using a peristaltic pump until visibly clear or until no observable decrease in turbidity over a 5-minute period (typically at least half a gallon). After purging was completed, grab groundwater samples were collected using a peristaltic pump by transferring groundwater from the temporary casing to the appropriate sample containers which contained required preservatives. Sample containers were filled and sealed with no headspace and immediately placed in an insulated cooler with water-ice. During purging and sampling, the depth to groundwater was monitored using a water level meter and purge and sample rates were adjusted to minimize drawdown of the water table.

Upon completion of grab groundwater sample collection, the temporary well casing and screen were retrieved and disposed of and the soil boring was backfilled with neat cerement grout. Soil borings were finished at the surface to match the surrounding ground cover. Following the completion of each boring, down-hole equipment was decontaminated using a triple rinse system with a non-phosphate based detergent and drinking water quality water.

3.4. Soil Vapor Probe Installation

Upon completion, the eight shallow soil borings at VB-4, VB-5, and VB-17 through VB-22 were converted into permanent soil vapor probes. Each vapor probe was constructed in general accordance with the *Active Soil Gas Investigations Advisory* dated July 2015 (the *Advisory*) by the California Environmental Protection Agency (Cal-EPA) Department of Toxic Substance Control

(DTSC), et la. The construction of the soil vapor probes is depicted in Appendix C and is described briefly below:

- Vapor probes consisted of a $1^7/_8$-inch long high density polyethylene implant with a 40 to 60-micron pore size connected to $^1/_4$-inch nominal outer Teflon™ tubing terminating into a stainless-steel ball valve. These probes were installed in each boring with the polyethylene probe tip roughly centered at 5-feet below ground surface.
- From 5.5 to 4.5 -feet below ground surface, a sand pack consisting of #3 Monterey sand was emplaced in the annular space.
- From 4.5 to 3.5 -feet below ground surface, a transition seal consisting of one foot of dry granular bentonite was emplaced in the annular space.
- From 3.5-feet below ground surface to 8 inches below ground surface, an annular seal of neat cement grout was emplaced in the annular space.
- From 8-inches below ground surface to grade, the vapor probe was completed with neat cement grout and a 4-inch diameter traffic rated well box.

3.5. Soil Vapor Sample Collection

After allowing the newly installed vapor probes to equilibrate for a minimum of 48 hours after installation, soil vapor samples collection was attempted from the existing and newly installed soil vapor probes on June 15, 2017. Soil vapor sampling was conducted in general accordance with the guidelines outlined in the *Advisory* and with the methods proposed in the *Work Plan* and technical comment provided in the *Directive*. Soil vapor samples were collected from VB-4 through VB-22 separately into sorbent tubes and one-liter evacuated canisters:

- Evacuated canister samples were collected through a laboratory-supplied regulator set at 200 milliliters per minute into one-liter evacuated canisters. Each canister was individually checked, tested and certified by the laboratory for air tightness and proper vacuum prior to shipping. Prior to sampling, a minimum of three probe volumes were purged from each vapor probe. Sampling manifolds included dual vacuum gauges to monitor down-hole vacuum and sample container vacuum. The initial and final sample container vacuum for each sample was recorded and samples were completed with a slight vacuum remaining to ensure sample integrity during transport.
- Sorbent tube samples were collected by installing the tube in-line with the vapor probe and inducing a vacuum. Sorbent tube samples were collected by extracting pulling a total of 60 milliliters of soil vapor at a rate of approximately 200 millimeters per minute through the sorption media using a syringe equipped with a three-way valve to allow for venting. Flow rate was regulated using a critical orifice.

For quality assurance and quality control (QA/QC) purposes, soil vapor sample equipment was tested for leaks by conducting a vacuum tightness shut-in test prior to sampling and by conducting a leak check test during purging and sampling. The leak check test was conducted by encapsulating the surface completion of the vapor probe and the vapor sampling assembly within a shroud. An atmosphere of at least 15% helium was then induced and maintained within the shroud throughout the duration of the sampling.

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3.6. Deviations and Exclusions

The following deviations and/or exclusions from the Work Plan were encountered during the implementation of the investigation.

1) **Exclusion**: Sampling of VB-6, VB-13, and VB-14 were attempted on June 15, 2017, however, down-hole vacuum pressure equilibrated during purging, resulting in no-flow/low-flow conditions. In accordance with the *Guidance*, the McAlary alternative sampling method was attempted, however, after several hours of recovery, downhole vacuum pressure was unable to equilibrate to ambient pressure resulting in insufficient sample volume for analysis. Sampling was re-attempted on June 19 and again on June 22, 2017, however, no-flow/low-flow conditions persisted. Therefore, soil vapor samples could not be collected from VB-6, VB-13, or VB-14 as part of this investigation. VB-13 and VB-14 were successfully sampled during the October 2016 vapor sampling event, however, this is the second consecutive sampling event in which VB-6 was unable to be sampled due to low flow conditions. AEI recommends that if VB-6 is unable to be sampled during the next vapor sampling event, a replacement soil vapor probe with a greater bore hole diameter be installed in the vicinity of VB-6 within the nearest high permeability zone encountered below five feet bgs.

2) **Exclusion**: Sampling of VB-3, VB-11, and VB-15 were attempted on June 15, 2017, however, groundwater was observed in the sample tubing. Sampling was re-attempted on June 19 and June 22, 2017, however, groundwater remained present in each of the afflicted soil vapor probes. Therefore, soil vapor samples could not be collected from VB-3, VB-11, and VB-15.

3) **Deviation**: VB-4 was resampled on June 22, 2017 and 1,1-difluoroethane was used as a leak check compound instead of Helium.

4) **Deviation**: The 2017 second semester groundwater monitoring and sampling event was originally scheduled to be completed in July 2017. AEI conducted the routine groundwater monitoring and sampling event for the second semester of 2017 on June 13, 2017 during the collection of the grab groundwater samples to improve temporal data quality. For the purpose of the CSM, analytical results for the second semester of 2017 groundwater monitoring and sampling event are included in this report. Sampling methodologies and anomalies are reported under a separate cover.

5) **Deviation**: A non-aqueous phase liquid with lower density than water (LNAPL) was encountered upon groundwater contact in the deeper soil boring for VB-21. LNAPL was not observed as a free phase liquid in soil pore spaces during soil logging by the on-site field geologist. Groundwater in the boring was initially encountered between 14- and 17-feet below ground surface, but equilibrated to approximately 9.46-below ground surface. LNAPL was not anticipated to be encountered as part of this investigation and as such an oil/water interface probe was not available on-site during drilling activities. The thickness of the LNAPL was approximated to be less than one inch by the field staff. A sample of the LNAPL was not recovered for analysis.

6) **Deviation**: Although soil sampling was not included as part of the DEH-approved scope of work, based on the uncharacteristic observations of elevated PID readings in VB-21 (50.4 ppmv and 224.5 ppmv at depths of 10 and 13 feet below ground surface respectively) and the presence of a LNAPL in VB-21, AEI submitted soil samples collected from VB-21 at depths of 10 and 13 feet below ground surface for analysis. Because the presence of LNAPL and

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elevated PID readings were uncharacteristic, AEI expanded the analytical suite to include the full US EPA Method 8260 volatile organic compounds list and total petroleum hydrocarbons as motor oil.

3.7. Laboratory Analyses

The following laboratory analysis were completed on soil samples analyzed as part of this investigation:

- TPH-g, diesel range and motor oil range total petroleum hydrocarbons (TPH-d and TPH-mo respectively) by US EPA Testing Method 8015M with silica gel cleanup.
- Volatile organic compounds (VOCs), including BTEX and MTBE by US EPA Testing Method 8260b.

The following laboratory analysis were completed on groundwater samples analyzed as part of this investigation:

- TPH-g, diesel range and motor oil range total petroleum hydrocarbons (TPH-d and TPH-mo respectively) by US EPA Testing Method 8015M with no silica gel cleanup.
- BTEX and fuel oxygenates, including MTBE by US EPA Testing Method 8260b.
- Naphthalene by US EPA Testing Method 8270 with selective ion monitoring (SIM).

The following laboratory analysis were completed on soil vapor samples analyzed as part of this investigation:

- TPH-g, benzene, toluene, ethylbenzene, and xylenes (BTEX), and MTBE using US EPA Testing Method TO-15
- Metabolic gases (oxygen, carbon dioxide, and methane) and leak check compound helium using ASTM D1946.
- Naphthalene using US EPA Testing Method TO-17.

Soil samples, groundwater samples, and sorbent tubes were labeled and placed into an ice-chilled cooler immediately following sampling. Evacuated canister soil vapor samples were transferred under appropriate chain-of-custody documentation to ESC Lab Sciences of Mt. Juliet, Tennessee. Sorbent tube soil vapor samples were transferred under chain-of-custody documentation to Eurofins Air Toxics of Folsom, California. Soil and groundwater samples were transferred under appropriate chain-of-custody documentation to McCampbell Analytical, Inc. of Pittsburg, California.

A summary of all analytes which were present above their respective laboratory reporting limits in samples analyzed as part of this investigation is provided in Table 7. Copies of laboratory analytical reports and chain of custody documentation are provided in Appendix D

3.8. Investigation Derived Wastes

Investigation derived waste is currently containerized on-site in a 55-gallon drum pending profiling and disposal. At the request of the ACDEH, AEI has included the waste disposal manifest from the November 2016 data gap investigation in Appendix E.

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4. RESULTS

This section presents the results of the investigation performed. To provide context to the data as it relates to eventual closure for the Site, laboratory analytical results were compared to the criteria provided in the California State Water Resources Control Board's *Low-threat Underground Storage Tank Case Closure Policy* (LTCP). Where applicable laboratory analytical results were also compared to the San Francisco Bay Regional Water Quality Control Board's (RWQCB's) *Environmental Screening Levels, Revision 3* dated February 2016 (ESLs) and the US EPA Regional Screening Levels (RSLs). Because the Site is currently zoned for residential use, a residential use scenario was assumed when selecting comparison values.

4.1. Geology and Hydrogeology

Consistent with previous investigations, shallow soils encountered throughout the Site consist of native and non-native fill materials predominantly of fine grained soil (high and low plasticity clays). A generally narrow and discontinuous band of gravely clay or gravely silt with between 30 and 40% course grained soils (sands and gravels) was observed throughout the Site at depths ranging from 2.5 to 8.5 feet bgs. Underlying this band is 2 to 10 feet of high plasticity clay. Figure 3 presents a lithologic cross-section for the shallow soils encountered beneath the Site.

Groundwater was encountered in each of the boring locations at depths ranging from 10 feet below ground surface to 21 feet below ground surface. Due to the discontinuous nature of the fill materials at the Site, groundwater at the Site varied from confined to unconfined depending on the location. The groundwater potentiometric surface from the June groundwater sampling event is depicted in Figure 4 and hydrographs depicting changes in groundwater elevation in each well are provided in Appendix F. Soil boring logs from the investigation are provided in Appendix B.

4.2. Soil Sample Analytical Results

Table 7 presents a summary of compounds detected in soil samples collected. Table 1 presents a summary of current and historical soil sample results for select compounds. Figure 5 presents the recent and historic soil sample results for TPHg and benzene. Copies of the laboratory analytical reports are included in Appendix E.

A total of 2 soil samples were analyzed as part of this investigation from VB-21 from depths of 10 and 13 feet below ground surface. Results of the soil laboratory analytical are summarized below:

- TPH-g and TPH-d were identified in the soil sample collected from 10 feet below ground surface at concentrations of 140 and 6.6 miligrams of analyte per kilogram of sample (mg/kg) respectively. The LTCP does not have established TPH-g and TPH-d criteria except within the bio-attenuation zone and when unweathered NAPL is present, neither of which are applicable in this instance. The cumulative TPH-g/TPH-d LTCP criteria within the bio-attenuation zone or when unweathered NAPL is present is <100 mg/kg of cumulative TPH-g and TPH-d.
- TPH-g and TPH-d were identified in the soil sample collected from the 13 feet below ground surface at concentrations of 23 and 1.1 mg/kg.

- No BTEX or fuel oxygenates were reported as present above the laboratory reporting limit in either of the soil samples analyzed as part of this investigation.
- Naphthalene was present at a 0.31 mg/kg in the sample collected from 10 feet below ground surface which is below the LTCP screening level of 9.7 mg/kg.
- Various propyl benzenes were present in both soil samples at concentrations below their respective applicable RSLs under a residential use scenario. LTCP and ESLs were not established for the propyl benzene compounds identified.

The location of VB-21 located approximately 18 feet northwest of SB-6 and 27 feet east of SB-28. Soil samples from SB-6 from depths of 7.5 and 11.5 feet below ground surface in 2007 and from SB-28 from a depth of 8 feet below ground surface in 2008 did not contain TPH-g or TPH-d above the laboratory reporting limit of 1.0 mg/kg. The soil sample collected from SB-28 from a depth of 12 feet below ground surface in 2008 contained TPH-g and TPH-d at concentrations of 19 mg/kg and 1.6 mg/kg respectively.

4.3. Groundwater Sample Analytical Results

Table 7 presents a summary of compounds detected in groundwater samples collected. Table 2 presents a summary of grab groundwater sample results for select compounds. Table 5 presents a summary of low-flow groundwater sample analytical results. Figure 6 and Figure 7 present the groundwater isoconcentration contours for benzene and TPH-g. Copies of the laboratory analytical reports are included in Appendix E.

A total of seven grab groundwater samples were collected as part of this investigation. Results of the grab groundwater samples can be summarized as follows:

- TPH-g and TPH-d were identified in each of the grab groundwater samples collected. TPH-g and TPH-d do not have established groundwater LTCP criteria.
    - Excepting VB-21, grab ground water samples collected as part of this investigation ranged from 160 µg/L to 9,500 µg/L of TPH-g and 65 µg/L to 4,400 µg/L of TPH-d.
    - The grab groundwater sample collected from VB-21 contained TPH-g at a concentration of 29,000 µg/L and TPH-d at a concentration of 24,000 µg/L. Relative to other groundwater samples collected in the vicinity of VB-21, the order of magnitude of TPH-g and TPH-d detections corroborates with the presence of LNAPL.
- Benzene was present above the laboratory reporting limit in each of the samples collected, except for VB-18, with a maximum reported concentration of 600 µg/L in VB-21. The applicable groundwater LTCP criteria for benzene is 1,000 µg/L.
- MTBE and other fuel oxygenates were not reported as present above their respective laboratory reporting limits in grab groundwater samples collected as part of this investigation. The applicable groundwater LTCP criteria for MTBE is 1,000 µg/L. Other fuel oxygenates do not have established groundwater LTCP criteria.
- Toluene, ethylbenzene, and xylenes were reported as present in grab groundwater samples collected as part of the data gap investigation at maximum concentrations of 5.6 µg/L, 150 µg/L, and 25 µg/L respectively. Groundwater LTCP criteria for these constituents are not established.

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As mentioned in Section 3.7, the routine groundwater monitoring for the second semester of 2017 was conducted concurrently with these activities and is reported under a separate cover. For convenience, these data are summarized below:

- TPH-g and benzene were not present above the laboratory reporting limit in samples collected during the routine semi-annual groundwater monitoring event for the second semester of 2017 except in MW-3 (11,000 µg/L and 2,300 µg/L respectively), MW-6 (330 µg/L and 1.4 µg/L), and MW-7 (10,000 µg/L and 1,900 µg/L respectively).

4.4. Soil Vapor Sample Analytical Results

Table 7 presents a summary of the compounds detected in soil vapor samples collected as part of this investigation. Table 6 presents a summary of current and historical soil vapor sample results for select compounds and metabolic gases. Figure 8, Figure 9, and Figure 10 present isoconcentration contours for benzene, TPH-g, and oxygen in soil vapor samples collected and analyzed as part of this investigation respectively. Laboratory analytical reports are included in Appendix E. The results can be summarized as follows:

- Oxygen was present above the 4% level necessary for an aerobic bioattenuation zone under the LTCP in each of the vapor samples collected as part of this investigation except for in the vapor samples collected from VB-9 (3.81%) and VB-12 (2.85%).
- Methane was not present above the laboratory reporting limit of 0.40% in soil vapor collected as part of this investigation except in VB-4 which was 2.37% methane. No LTCP, ESL, or RSL levels are established for methane.
- Naphthalene was not reported above the laboratory reporting limit of 83 µg/m^3 in samples collected as part of this investigation. The applicable LTCP soil gas criteria for naphthalene is <93 µg/m^3 where no bioattenuation zone is present and <93,000 µg/m^3 where a bioattenuation zone is present.
    - Naphthalene was detected as present, but below the laboratory reporting limit of 83 µg/m^3 in soil vapor samples collected from VB-04, VB-05, VB-9, VB-14, VB-16, VB-19, and VB-21 with a maximum estimated concentration of 22 µg/m^3 in VB-10.
- Benzene was reported as present above the laboratory reporting limit in 10 of the 13 the soil vapor samples analyzed by US EPA Method TO-15.
    - Detections of benzene were below the LTCP soil gas criteria where a bioattenuation zone is present (<85,000 µg/m^3) and the LTCP soil gas criteria where no bioatenuation zone is present (<85 µg/m^3) in each of the vapor samples analyzed except for the vapor sample collected from VB-12 which had a reported concentration of 1,280 µg/m^3.
    - Benzene was not reported as present above the respective laboratory reporting limits the sample collected from VB-9 however, the laboratory reporting limit exceeds the applicable soil gas LTCP criteria where no bioattenuation zone is present of 85 µg/m^3.
- TPH-g was present above the laboratory reporting limit in each of the 10 soil vapor samples collected as part of this investigation. Most samples exhibited TPH-g concentrations in the range of thousands to tens of thousands of µg/m^3. Three samples, VB-4 (17,700,000), VB-9

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(7,910,000 µg/m^3), and VB-12 (1,740,000 µg/m^3) yielded concentrations of TPH-g outside this range. TPH-g does not have an established soil gas LTCP criteria.

- Ethylbenzene was reported as present in nine soil vapor samples at a maximum concentration of 385 µg/m^3 in VB-9. The soil gas LTCP criteria for ethylbenzene is <1,100 where no bioattenuation zone is present.
- Toluene and xylenes were reported as present in several soil vapor samples at maximum concentrations of 847 µg/m^3 in VB-9 and 1,288 µg/m^3 in VB-12. Toluene and xylenes do not have soil gas LTCP criteria
- MTBE was not reported as present in any samples except for in VB-15 which had a reported MTBE concentration of 95.1 µg/m^3.
- No soil vapor samples failed the helium leak check test ($\geq$5.0 % leak)

5. UPDATED CONCEPTUAL SITE MODEL

The most recent conceptual site model (CSM) was provided in the *Updated Site Conceptual model and Soil and Soil Vapor Investigation Report* dated November 15, 2016. AEI has incorporated the following changes in the CSM using the data collected during this investigation, including:

- Based on the soil, soil vapor, and groundwater analytical results from VB-21 and the presence of LNAPL in VB-21, AEI has revised Section 5.2.1 and 5.2.2 to state that additional investigation is necessary to determine if contamination observed in VB-21 is from an on-site or off-site source.
- At the request of the DEH in their May 12, 2017 letter, AEI has revised the list of Chemicals of potential concern in section 5.2.3 to include TPH-d.
- AEI has revised Section 5.4 to include a discussion of LNAPL identified in soil boring VB-21.

5.1. Site Geology and Hydrogeology

The Site lies on the distal end of the Temescal Creek Alluvial Fan at an elevation of approximately 45 feet above North American Vertical Datum 1988 (NAVD88). The Temescal Alluvial Fan is a low relief broad alluvial fan sloping westerly and southwesterly from the mouth of the Temescal Creek. The Holocene age alluvial fan deposits are mapped as Quaternary Holocene alluvial fan deposits (Qhaf) (Helley 1997). The sediments are described as typically, brown to tan gravelly sand or sandy gravel, which generally grades upward into sandy or silty clay.

Figure 3 presents a lithologic cross-section. Sediments encountered at the Site in the upper four to five feet underlying the Site consist of black silty clay – clayey silt containing variable amounts of scattered gravel. These sediments are considered to be bay margin sediments.

The shallow fine grained surface layer is underlain by alluvial deposits of intercalated, lenticular bodies of silt, clay, sand, and gravel. The sediments are typically highly variable mixtures of the four primary soil types. Permeability (transmissivity) of the coarse-grained sediments is typically low due to the presence of interstitial clay; however, scattered clean sands and gravels are present with good permeability. These individual permeable channel deposits appear to act as preferential channels for groundwater flow across the Site and are the likely cause of the slightly sinuous, asymmetric appearance of the hydrocarbon plume in the soil and groundwater.

Groundwater elevation generally has fluctuated between 22.3 and 25.1 feet NAVD88 (approximately 6.2 to 9.0 feet bgs) with a historical maximum groundwater elevation of 27.1 feet above NAVD88 and a minimum of 17.5 feet above NAVD88. The groundwater potentiometric surface, as calculated using the posted groundwater elevation data from the routine semi-annual groundwater event for the second semester of 2017 is portrayed in Figure 4. Groundwater elevation measurements collected during historic groundwater monitoring events are presented in Table 3 while the general groundwater gradient and direction of flow are summarized in Table 4. Hyrdographs depicting depth to groundwater, screened interval, and the concentration of TPH-g and Benzene are included in Appendix F.

5.2. Primary Source Identification and Chemicals of Potential Concern

5.2.1. Potential On-Site Sources

Previous environmental investigations have identified a single walled, steel 3,750-gallon underground storage tank (UST) located under the sidewalk at the south east corner of the property. This UST was removed in February 2000 and was used to store fuel hydrocarbons. Investigations performed to-date have shown that this UST is the primary source of petroleum hydrocarbons which have been identified in soil, soil vapor, and groundwater at the Site. The presence of elevated concentrations of benzene in soil and groundwater samples collected suggest that the UST likely stored gasoline.

Additional investigation is necessary to determine if the LNAPL and the observed TPH-g, TPH-d, and benzene concentrations in soil, soil vapor, and groundwater in samples collected from VB-21 are from an on-site or off-site source

5.2.2. Potential Off-site Sources

AEI has identified two potential off-site sources of contamination at the Site:

- A closed release case associated with the California Hotel is located adjacent and to the east of the Site at 3501 San Pablo Avenue. There is limited information provided on the GeoTracker database beyond noted soil contamination of waste oil, motor, hydraulic, and lubricating oils and that a remedial excavation was performed. No groundwater data is available for this facility. Regulatory case closure was granted on October 28, 1998.
- An adjacent site, the Former City of Paris Cleaners (3516 Adeline Street), located northwest of the Site. A release from USTs of Stoddard Solvent, a dry cleaning solvent used during operation of the dry cleaning facility until the 1960s when the facility was closed. In 1990, one 750-gallon and two 1,000-gallon underground tanks used to store Stoddard Solvent were removed from the site. In 1991, an additional 250-gallon UST was removed. The site was granted regulatory case closure on March 3, 2017.

Additional investigation is needed to determine if the presence of LNAPL and the observed TPH-g, TPH-d, and benzene concentrations in soil, soil vapor, and groundwater in samples collected from VB-21 are from an on-site or off-site source.

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5.2.3. Chemicals of Concern

Based on the nature of the identified sources, contamination at the Site is assumed to be caused by fuel hydrocarbons released from the on-site UST. As such, the following COCs have been identified based on the requirements and supporting technical justification documents of the LTCP and the request of the ACDEH:

- Combined TPH-g and TPH-d
- Benzene
- Ethylbenzene
- Naphthalene
- Methyl tert-butyl ether (MTBE)

The following chemicals of potential concern (COPCs) have historically been identified or sampled for at the request of the ACDEH, however, based on the requirements of the LTCP are not considered to be drivers of risk related to the protection of human health and environmental receptors:

- Long chain aliphatic hydrocarbons (C22-C32 or C32-C40)
- Toluene
- Xylenes
- Additional Fuel Oxygenates
- Semi-volatile organic compounds (SVOCs)

5.3. Receptors and Exposure Pathways

Potential receptors and exposure pathways for COCs at the Site are summarized in Figure 11. Justification for each exposure pathway is presented in the sections below. Although the Site is currently developed as a commercial/light industrial space, residential land use in the future both on-site and in the vicinity of the Site are likely and anticipated. Furthermore, according the property manager, the Site is and has been zoned for residential use. As such, residents, commercial workers, and subsurface utility workers are all considered as potential receptors.

5.3.1. Preferential Pathways

A utility survey to identify potential preferential pathways and sensitive receptors has been performed for the Site. AEI requested utility maps from Pacific Gas and Electric (PG&E) and East Bay Municipal District (EBMUD). AEI performed a geophysical survey to confirm the accuracy of these maps. The survey included ground penetrating radar (GPR), passive and active electromagnetic detectors. The geophysical survey identified a sanitary sewer, gas main, water lines and lateral lines along Adeline Street. A sanitary sewer, two gas lines, two water lines and lateral lines were located along Chestnut Street.

Based on the results of the utility survey and the underlying geology, the following preferential pathways have been identified:

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- A utility trench along Chestnut Street may have acted as a preferential pathway for lateral migration of contaminants. The locations of identified utility conduits are shown on Figure 2.
- As described in Section 4.1, scattered clean sands and gravels are present throughout the subsurface which may act as preferential channels for groundwater and soil vapor flow across the Site.

5.3.2. Local Public Water System and Well Search

The Site is located within the service area of the East Bay Municipal District (EBMUD). The EBMUD provides potable water to the Site and surrounding residential and commercial properties.

To confirm that no drinking water wells were installed on or near the Site, AEI obtained the Well Drillers reports from the California Department of Water resources (DWR) for all wells within 1,000 feet of the subject site. Additionally, as requested in the ACEH's April 22, 2106 directive letter, this well survey was amended by reviewing Alameda County Public Works Agency (ACPWA) for all wells within 1,500 feet of the subject site. The DWR and ACPWA results of the well survey demonstrate that no wells are threatened by the petroleum hydrocarbon plume. The locations of these wells are shown on Figure 12.

Based on the results of the well search and the location of the Site within the EBMUD, groundwater is not considered to be used for irrigation or drinking purposes.

5.3.3. Soil

Ground cover at the Site consists of paving throughout with no landscaped or exposed areas. As such, ingestion, inhalation, and dermal contact are considered incomplete pathways for both on-site workers and residents. Subsurface utility workers who may cut through the existing concrete may still be exposed to on-site soils. As such, these exposure pathways are considered complete for subsurface utility workers.

5.3.4. Groundwater

As discussed in Section 4.3.2, groundwater at or near the Site is not in use as a source of drinking or irrigation water. As such, the dermal contact, inhalation, and ingestion exposure pathways for residents and on-site workers are considered incomplete. Due to the shallow depth to groundwater, these exposure pathways are still considered complete for subsurface utility workers.

5.3.5. Surface Water

According the National Fish and Wildlife Service's Wetland Mapper, the nearest surface water body is an estuarian wetland located approximately 0.8 miles west by northwest of the Site. Storm water runoff from the Site discharges to the municipal storm water system through curbside conveyances. No on-site French drains or other sub-surface storm water conveyances were identified at the Site. As such, storm water runoff does not come in to contact with potentially contaminated media and is therefore not considered as a complete transport pathway.

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5.3.6. Air

Soil vapor analytical suggests that the volatilization of COCs from soil and groundwater to soil vapor is a complete transport mechanism. Intrusion of impacted soil vapor to the indoor air of both on-site and off-site improvements are considered a complete exposure pathway for both residents and on-site workers. Additionally, subsurface utility workers may be exposed to soil vapors contaminated by COCs.

5.4. Nature and Extent of Petroleum Hydrocarbon Impacts

5.4.1. Free Phase Hydrocarbons

Non aqueous phase liquid with a lower density than water (LNAPL) has not been directly observed in soils or groundwater samples except in a grab groundwater sample collected from VB-21 which was advanced during the data gap investigation. The nature and extent of the LNAPL in the vicinity of VB-21 is currently unknown and represents a data gap.

5.4.2. Soil

Table 1 presents a summary of the historic soil sample analytical results for the Site for select petroleum hydrocarbons. Current COC concentrations in soil are shown on Figure 7. Petroleum hydrocarbons in the unsaturated zone are present near the former UST location, but in general COCs are only present at residual levels in shallow soils (<5 feet bgs).

Analytical data from deeper soils, particularly within the smear zone (6 to 9 feet bgs) suggest that migration of petroleum hydrocarbons towards the west and south within the smear zone has occurred. The over-excavation at the time of the UST removal and interim remedial excavation performed removed much of the on-site shallow soils that could have potentially acted as secondary sources. Sidewall samples indicated that the extents of the excavation were reasonably sufficient. Soil samples collected at depths of less than 7.5 feet have not yielded significant concentrations of COCs. At depths below 7.5 feet bgs and above 9 feet bgs elevated concentrations of COCs are present at the location of the former UST and the along the south end of the interim remedial excavation.

At depths below 9 feet bgs, saturated soil samples analyzed yielded COCs near the former UST excavation and along the south and east sides of the source removal excavation. The impacted soil in this interval appears to be related to COC-impacted groundwater migrating in the more-permeable layers at the Site.

Soil samples collected from VB-21 at depths of 10 and 13 feet below ground surface indicated that this soil sample may be located within another source area, however, the nature and extents of the soil impacts in the vicinity of VB-21 are unknown.

5.4.3. Groundwater

Table 2 and Table 5 present a summary of COC concentrations in grab groundwater and monitoring well samples collected respectively. Figure 6 and Figure 7 present the current extent of benzene and TPH-g respectively in groundwater at the Site.

Generally, contaminant mass, specifically TPH-g, benzene, and ethylbenzene, have been historically present in each of the on-site monitoring wells. The benzene and TPH-g plumes have

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historically extended from southeastern portion of the site to the western portion of the Site following historical groundwater gradient. TPH-g and benzene plumes have attenuated to below or near their respective detection limits each of the monitoring wells except MW-3 and MW-7 which continue to exhibit elevated levels of TPH-g and benzene. Fluctuations in the concentration of TPH-g and benzene in MW-3 and MW-7 are discussed in further detail below. MTBE has been present above the laboratory reporting limit in only one sample at a concentration of 31 µg/L which was collected from MW-7 in January of 2016. The natural processes including biological degradation, dispersion, and dilution have significantly reduced COC concentrations and their extent in groundwater beneath the Site and the benzene and TPH-g are stable and/or decreasing in size and concentration.

Grab groundwater samples collected during the data gap investigation have further refined and reinforced the extents of the groundwater benzene and TPH-g plumes that exceed water quality objectives and the criteria listed in the LTCP which have historically been centered around MW-7 and MW-3. Excluding the northeastern corner of the Site in the vicinity of VB-21, the existing groundwater data set is sufficient to define the extents of the benzene and TPH-g groundwater plumes that exceed water quality objectives. Grab groundwater samples collected from VB-21 are anomalous relative to the existing CSM and are potentially indicative of another source area.

MW-03, which is located immediately west of the remedial excavation area, exhibited an increase in both TPH-g (16,000 µg/L from 4,900 µg/L) and benzene (5,000 µg/L from 890 µg/L) during the groundwater monitoring event conducted in July 2016 when compared to the next most recent groundwater sample from this monitoring well which was collected in December 2009. Both TPH-g and benzene were at or near their historical high concentrations of 17,000 µg/L and 3,800 µg/L respectively. Groundwater during the July 2016 monitoring event was approximately 1.4 feet below the minimum groundwater elevation observed during previous groundwater monitoring events and this increase in the presence of TPH-g and benzene may have been the result of the mobilization of previously submerged pockets of separate phase hydrocarbons. Since groundwater levels have recovered from drought, the increase in TPH-g and benzene has persisted.

MW-07, which is located immediately to the east of the historic UST, has overall exhibited a trend of decreasing TPH-g and benzene concentrations, however the groundwater analytical from the most recent groundwater monitoring event (July 2016) exhibited a significant rebound in hydrocarbon concentrations, including TPH-g (6,700 µg/L), benzene (1,400 µg/L), and ethylbenzene (36 µg/L). As with MW-03, groundwater elevations in MW-7 have increased since falling to their historic low of 23.68 feet NAVD88 in July 2016.

Figure 8 presents isoconcentration contours for both benzene and TPH-g. In accordance with the LTCP, the Tier I environmental screening level (ESL) from the California Regional Water Quality Control Board, San Francisco Bay Region ("the Regional Water Board") were selected as the water quality objectives that define the extents of the benzene and TPH-g groundwater plumes. Figure 8 incorporates grab groundwater analytical data from 2007 and 2008 to present the extent of benzene and TPH-g in groundwater.

The observed fluctuations in TPH-g and benzene detected in groundwater samples collected from MW-03 and MW-07 are likely caused by interaction between residual separate phase petroleum hydrocarbons within the smear zone.

5.4.4. Soil Vapor

Table 6 presents the soil vapor analytical data available for the Site and Figure 9 presents a depiction of the soil vapor plumes for TPH-g and Benzene.

TPH-g and BTEX were reported as present above the laboratory reporting limit in each of vapor samples collected from the temporary soil vapor probes installed in October 2007 (VB-1 through VB-3) and in each of the soil vapor samples collected from the permanent soil vapor probes installed in October 2016 (VB-6 through VB-16) and June 2017 (VB-4, VB-5, and VB-17 through VB-22) except for soil vapor samples collected from VB-9 in October 2016 and June 2017 and soil vapor samples collected from VB-4 and VB-10 in June 2017.

The benzene in soil vapor plume based on the June 2017 soil vapor sampling event with extents defined by the residential vapor intrusion human health risk level ESL (48 µg/m^3) is depicted in Figure 8. The TPH-g soil vapor plume based on the June 2017 soil vapor sampling event with extents defined by the residential vapor intrusion human health risk level ESL (300,000 µg/m^3) is depicted on Figure 9.

In general, the extents of both the benzene and TPH-g vapor plumes have fluctuated drastically between the October 2016 and June 2017 soil vapor sampling events. The extents of the TPH-g and benzene soil vapor plumes from the June 2017 soil vapor sampling event are well defined except to the south where vapor samples were unable to be collected due to low-flow conditions or groundwater within existing soil vapor probes. And in the northeastern corner of the Site in the vicinity of VB-21. In general, both benzene and TPH-g soil vapor concentrations appear to be centered around VB-12 and VB-9 and appear to coincide with areas anaerobic conditions (>4% O_2) depicted on Figure 10 and the groundwater benzene and TPH-g plumes which are depicted on Figure 6 and Figure 7 respectively.

Based on the available soil and groundwater data, soil vapor contamination is likely primarily from volatilization from groundwater and from the potential presence of residual separate phase COCs within the smear zone. Figure 10 and Figure 11 provide an overlay of the soil vapor and groundwater plumes for TPH-g and benzene respectively.

5.5. Natural Attenuation

Throughout the course of the environmental investigations conducted at the Site (2009 to present), contaminant mass in groundwater monitoring wells and adjacent soil samples have been reduced significantly. Metabolic gases (oxygen and carbon dioxide) analytical data collected during this investigation and dissolved oxygen measurements taken during groundwater monitoring events indicate that hydrocarbon metabolizing microbial communities are likely present in soil and groundwater at the Site. Soil vapor concentrations of COCs and respirable gases generally meet the criteria from the LTCP for the presence of a bioattenuation zone within the top five feet of soil, however, oxygen infiltration to the center of the on-site warehouse building is inadequate to maintain a uniform bioattenuation zone throughout. In general, oxygen content decreases as the distance from soils which can undergo oxygen exchange with the atmosphere increases.

Based on the available soil vapor and groundwater oxygen data and COC analytical data, microbial degradation of COCs in soil vapor and groundwater are most likely predominantly aerobic and oxygen limited.

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5.6. Data Gaps

The investigation performed provided additional information for the identified data gaps in the Work Plan including shallow soil and soil vapor data. However, the following data gaps remain open:

- **Temporal soil vapor data** – The current CSM is based on soil vapor data collected predominantly from two sampling events, which have indicated that petroleum hydrocarbons in soil vapor vary significantly. Additional sampling events should be conducted to confirm that the available soil vapor data is representative and that diurnal or seasonal variations in soil vapor do not significantly alter the extents of the COC soil vapor plumes.
- **VB-21 Source investigation –** TPH-g and benzene were identified in soil, groundwater, and soil vapor samples collected from VB-21 in excess of applicable LTCP criteria and applicable screening levels and above levels anticipated base on the existing CSM. Additionally, LNAPL was observed in VB-21. Based on these data, VB-21 may be located within a new source area. The lack of sufficient groundwater, soil vapor, or soil data in the vicinity of VB-21 to identify the source of contamination observer in samples collected from VB-21 represents a data gap.

6. EVALUATION OF THE LOW THREAT CLOSURE POLICY CRITERIA

This section presents AEI's evaluation of the Site under the LTCP criteria to identify what further actions may be necessary.

The California State Water Resources Control Board's LTCP was developed as an evaluation method to close low-threat petroleum release cases. Therefore, AEI has developed the following evaluation of whether this Site meets the criteria of the LTCP. The LTCP presents general criteria and media specific criteria that must be met for the Site to be considered low-threat and acceptable for closure. A matrix presenting the LTCP criteria, site-specific comments, and identified data gaps are presented in Table 8.

Based on the LTCP evaluation, the Site does not currently satisfy the requirements for regulatory case closure under the LTCP.

6.1. General Closure Criteria

The general closure criteria under the LTCP are summarized below with AEI's comments on each criteria as it relates to the Site. Based on AEI's review of the general closure criteria, the Site does not meet criteria f).

☒ **a) The unauthorized release is located within the service area of a public water system:** The Site is located within the EBMUD as described in the CSM. There are no on-site groundwater wells used for drinking and/or irrigation.

☒ **b) The unauthorized release consists only of petroleum:** The identified release is consistent as being from the former UST that was removed in February of 2000. No

non-petroleum related compounds have been detected in samples collected from the Site.

☒ **c) The unauthorized ("primary") release from the UST system has been stopped:** The former UST was removed from the Site in February of 2000.

☒ **d) Free product has been removed to the maximum extent practicable:** A limited amount of free product may be present at the Site as it was observed in VB-21 during the June 2017 investigation and, variations in the concentration of TPH-g and benzene within the identified source areas are indicative that residual separate phase petroleum hydrocarbons may be present in a limited area of the Site within the smear zone. However, AEI does not propose additional removal activities at this time.

☒ **e) A CSM that assesses the nature, extent, and mobility of the release has been developed**: Section 4 above presents the CSM for the Site.

☐ **f) Secondary source has been removed to the extent practicable:** Although interim remedial actions have been completed at the Site, limited residual separate phase petroleum hydrocarbons may present at the Site and dissolved benzene concentrations in groundwater remain elevated. Additional remedial actions such as enhanced biodegradation, and/or soil vapor extraction should be evaluated to determine if they are appropriate and practical to address the residual petroleum hydrocarbons that remain above LTCP closure criteria.

☒ **g) Soil or groundwater has been tested for MTBE and results reported in accordance with Health and Safety Code section 25296.15:** As presented above, MTBE has not been reported in any of the soil, groundwater, or soil vapor samples except for minor detections of 31 µg/L MTBE in a groundwater sample for MW-7 in January of 2016 and 95.1 µg/m^3 in a soil vapor sample from VB-15 in October 2016

☒ **h) Nuisance as defined by Water Code section 13050 does not exist at the Site:** The residual petroleum hydrocarbons present at the Site do not currently represent a nuisance as defined.

6.2. Media Specific Criteria

The LTCP includes media specific criteria, including groundwater, vapor intrusion to indoor air, and direct contact and outdoor air exposure. Each of these are presented below.

6.2.1. Groundwater

The LTCP outlines five classes of sites that would allow for closure of the Site under the LTCP. Based upon our evaluation of the five classes, this Site fits most closely within Class 3. The Class 3 criteria are summarized below along with AEI's analysis of the Site as it relates to each criteria:

☒ **a) The contaminant plume that exceeds water quality objectives is less than 250 feet in length:** Based on the available historical groundwater grab samples and monitoring well samples, the likely extents of the benzene and TPH-g groundwater plumes can be estimated and are depicted in Figure 8. However, as discussed in the

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CSM, due to data gaps, the existing analytical data set is inadequate to reliably calculate the benzene and TPH-g plume lengths.

☒ **b) Free product has been removed to the maximum extent practicable, may still be present below the site where the release originated, but does not extend off-site:** As presented above, limited area of free product may be present on-site. However, no further removal of free product is warranted at this time.

☒ **c) The plume has been stable or decreasing for a minimum of five years**: Groundwater monitoring of the on-site groundwater monitoring well network has been conducted on at least a semi-annual basis since the first semester of 2009. As depicted on the hydrographs in Appendix F, dissolved benzene concentrations in groundwater have exhibited a stable or decreasing trend over their respective monitoring periods, which extend beyond the last five years. As presented in Section 5.4.3, the groundwater benzene and TPH-g plumes are adequately defined and bound except in the vicinity of VB-21.

☒ **d) The nearest existing water supply well or surface water body is greater than 1,000 feet from the defined plume boundary:** As discussed in Section 4.3.2 and 4.3.5, no water supply wells or surface water bodies have been identified within 1,000 feet of the Site.

☒ **e) The property owner is willing to accept a land use restriction if the regulatory agency requires a land use restriction as a condition of closure –** The property owner is willing to work with the ACDEH to accept land use restrictions as necessary to support to redevelopment of the Site for the current zoned use of residential.

6.2.2. Petroleum Vapor Intrusion to Indoor Air

The LTCP presents four potential exposure scenarios for the evaluation of a Site for closure under the LTCP. The exposure scenarios are based upon the presence of a sufficient bioattenuation zone that includes a separation of the building from free product in soil and/or on groundwater, and dissolved benzene in groundwater. In lieu of using the exposure scenarios, soil vapor samples were directly collected. The detected petroleum hydrocarbon concentrations in soil vapor were compared to ESLs and the LTCP vapor intrusion criteria from Scenario 4. Based on these criteria, soil vapor samples from VB-12 and VB-21 exceed the requirements of the LTCP. Based on these results, remediation or the institution of engineered controls as a part of land use restriction would be necessary to meet the requirements of the LTCP.

6.2.3. Direct Contact and Outdoor Air Exposure

To evaluate the direct contact and outdoor air exposure routes, AEI compared the concentrations of petroleum hydrocarbon in soil to the commercial screening levels presented in Table 1 of the LTCP. None of the current concentrations of petroleum hydrocarbons were found to exceed the LTCP cleanup level.

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7. CONCLUSIONS AND RECOMMENDATIONS

Based on the updated CSM and the findings of the investigation performed, AEI has concluded that the Site does not meet the requirements for regulatory case closure under the LTCP at this time. AEI recommends the following actions be taken to continue to move the Site towards closure under the LTCP:

- **Conduct investigation in the vicinity of VB-21 –** The data gap investigation identified LNAPL and elevated levels of benzene and TPH-g in soil, groundwater, and soil vapor in samples collected from VB-21. These data, in conjunction with soil vapor data collected from VB-10, VB-7, and VB-20, groundwater data collected from VB-20, and soil data collected from SB-28, SB-6, and SB-16 are indicative that a previously unknown source may be impacting subsurface conditions in the vicinity of VB-21. AEI recommends that additional investigation be conducted in the vicinity of VB-21 to identify the source of LNAPL and petroleum hydrocarbon contamination in the northeastern portion of the Site.
- **Conduct Additional Soil Vapor Sampling and Installation of replacement vapor probe in vicinity of VB-6 as appropriate:** Because of the temporal variability in soil vapor analytical data, AEI recommends that additional round(s) of soil vapor analytical data be collected from the permanent soil vapor monitoring network until the benzene soil vapor plume can be shown to be stable. AEI also recommends that if no-flow conditions are encountered in VB-6 during the next vapor sampling event that a replacement soil vapor probe be installed. In order to improve performance of this vapor monitoring point, AEI recommends increasing the bore hole diameter and placing the probe tip within a higher permeability zone.
- **Installation of an additional groundwater monitoring well in the vicinity of VB-19:** Grab groundwater samples collected as part of the data gap investigation were sufficient to close data gaps in the bounds of the TPH-g and benzene groundwater plumes to the west and south of the Site, however, benzene was detected in VB-19 at a concentration of 83 µg/L and in VB-20 at a concentration of 5.7 µg/L, both of which are below the LTCP closure criteria, but above the groundwater quality objective of 1.0 µg/L. In order to satisfy the groundwater LTCP criteria of groundwater plume stability and dellineation, AEI recommends that an additional monitoring well be installed in the vicinity of VB-19 to allow inclusion of this data point in routine groundwater monitoring events.
- **Prepare a Response Action Plan** - COCs in groundwater and soil vapor do not currently meet the LTCP criteria for regulatory closure. AEI recommends that a response action plan be developed to address these limited areas where elevated concentrations of benzene persist.

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FIGURES

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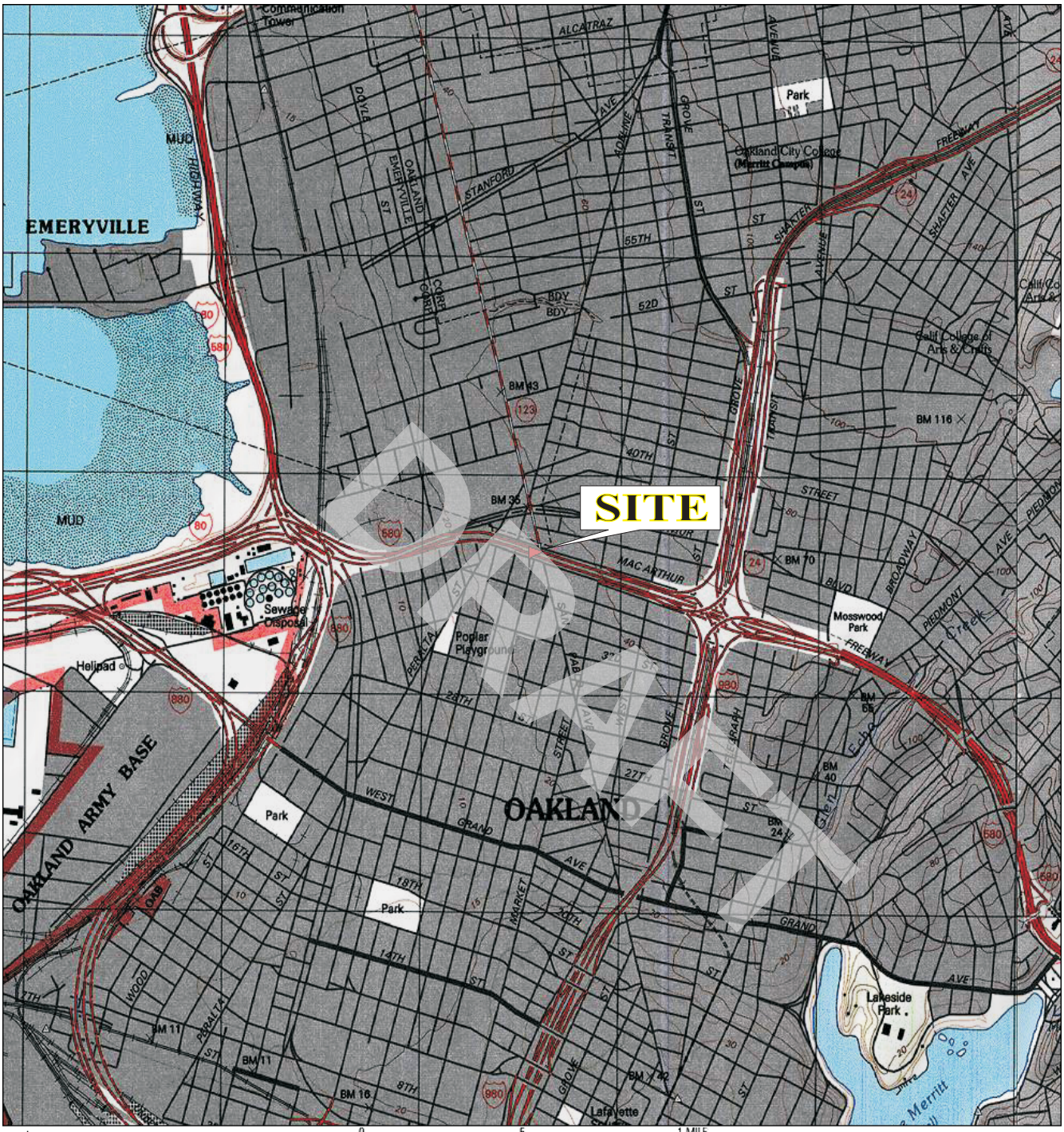


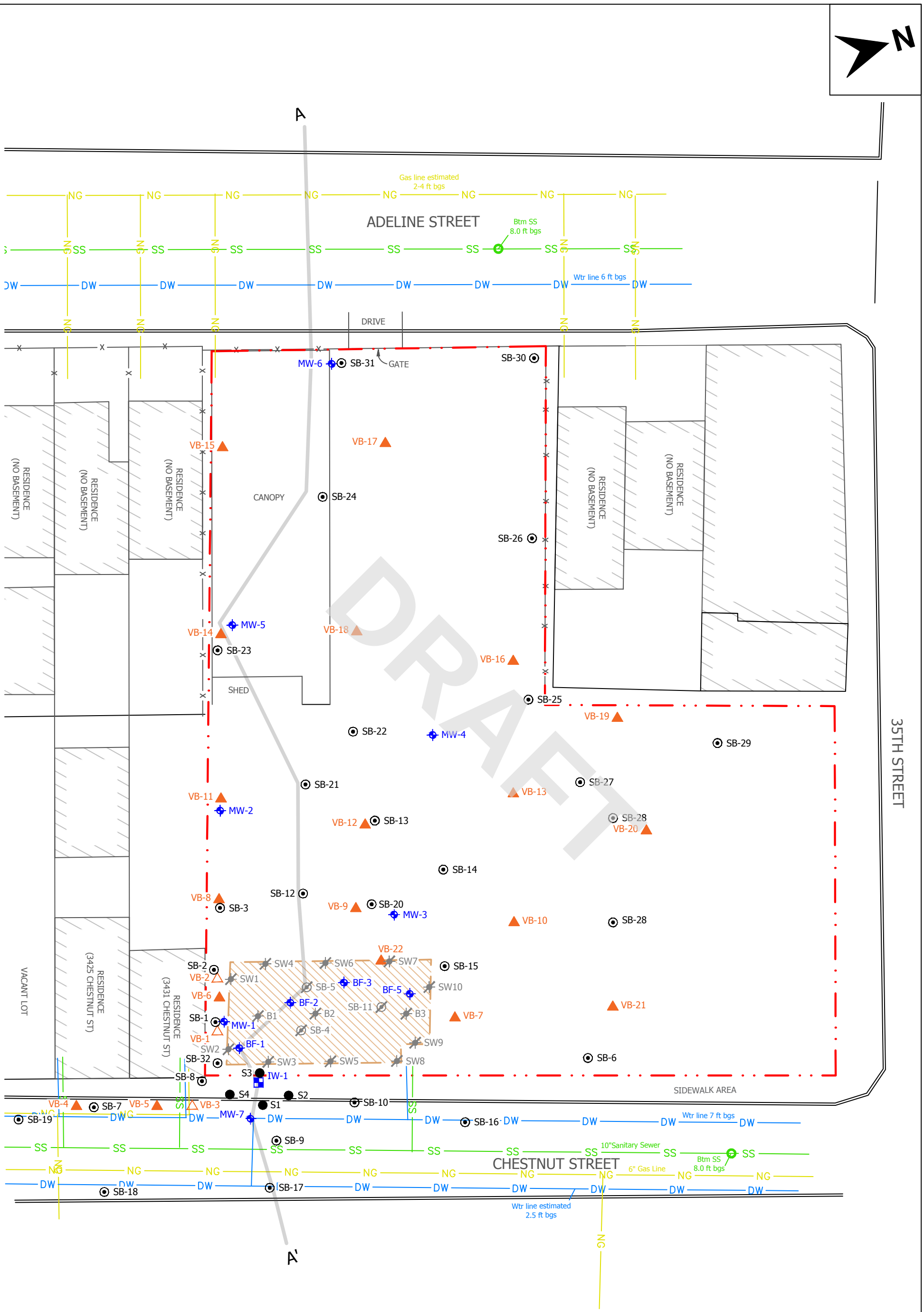
TN ★ /MIN 15°

0 .5 1 MILE

0 1000 FEET 0 500 1000 METERS

Map created with TOPO!® ©2002 National Geographic (www.nationalgeographic.com/topo)

AEI CONSULTANTS 2500 Camino Diablo, Suite 200, Walnut Creek, CA 94597	
Site Location Map	
3442 Adeline Street Oakland, CA 94608	**FIGURE 1** Job No: 281939



LEGEND

APPROXIMATE SCALE IN FEET or MILES: 0 30 60

SB-1	AEI Soil Boring
S-1	Clear Water Soil Sample
SW1	Base Soil Sample
B-1	Sidewall Soil Sample
VB-1	Temporary Soil Vapor Probe
VB-4	Permanent Soil Vapor Probe
BF-1	Backfill Well Casings
MW-1	Monitoring Well Casings
IW-1	Injection Well
	Abandon AEI Soil Boring
	Abandon Base Soil Sample
	Site Boundary
DW	Domestic Water
SS	Sanitary Sewer
NG	Natural Gas
A — A'	Cross Section
	Interim Source Removal Excavation (2009)

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2500 Camino Diablo
Walnut Creek, California

SITE PLAN

3442 ADELINE STREET
OAKLAND, CA 94608

FIGURE 2
Project No. 281939

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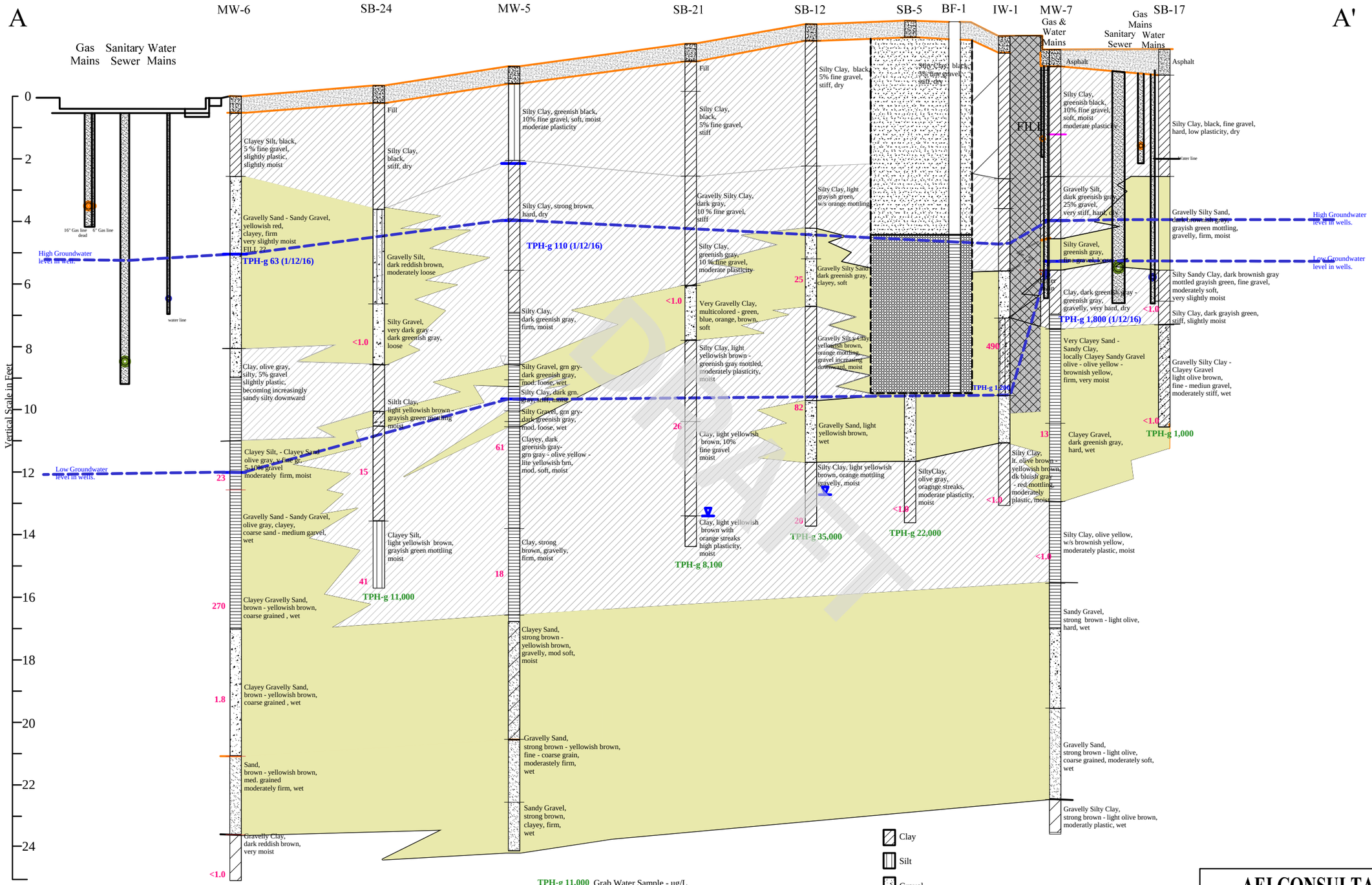

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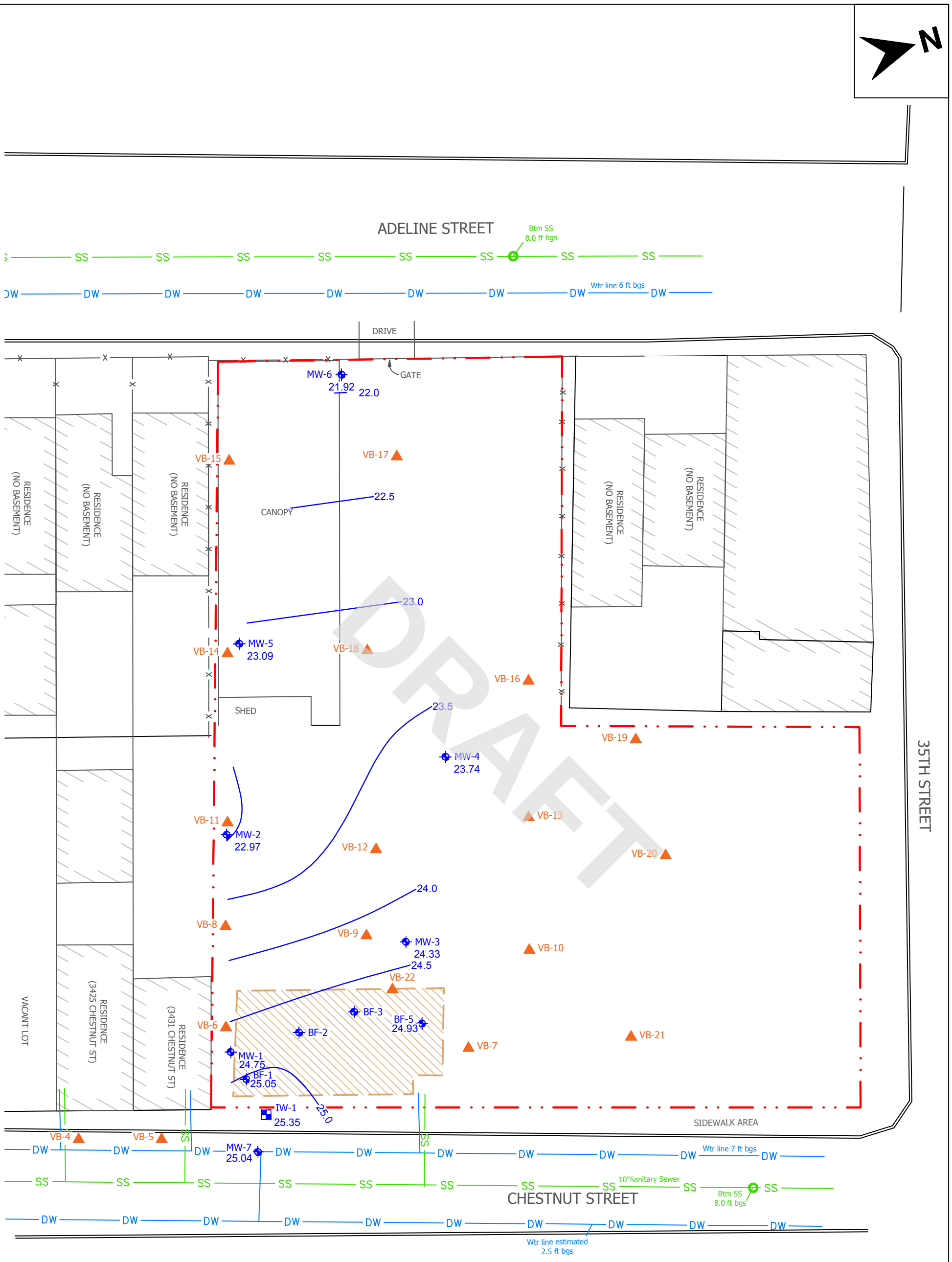
2500 CAMINO DIABLO, WALNUT CREEK

Soil Cross Section A-A'

3442 Adeline Street
Oakland, California

Figure 3

PROJECT NO. 281939



LEGEND

0 30 60 APPROXIMATE SCALE IN FEET or MILES

- VB-4 Permanent Soil Vapor Probe
- BF-1 Backfill Well Casings
- MW-1 Monitoring Well Casings
- IW-1 Injection Well
- 27.5 Groundwater Potentiometric Surface (feet NAVD88)
- Site Boundary
- DW Domestic Water
- SS Sanitary Sewer
- Interim Source Removal Excavation (2009)

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2500 Camino Diablo
Walnut Creek, California

GROUNDWATER POTENTIOMETRIC SURFACE
JUNE 2017

3442 ADELINE STREET
OAKLAND, CA 94608

FIGURE 4
Project No. 281939

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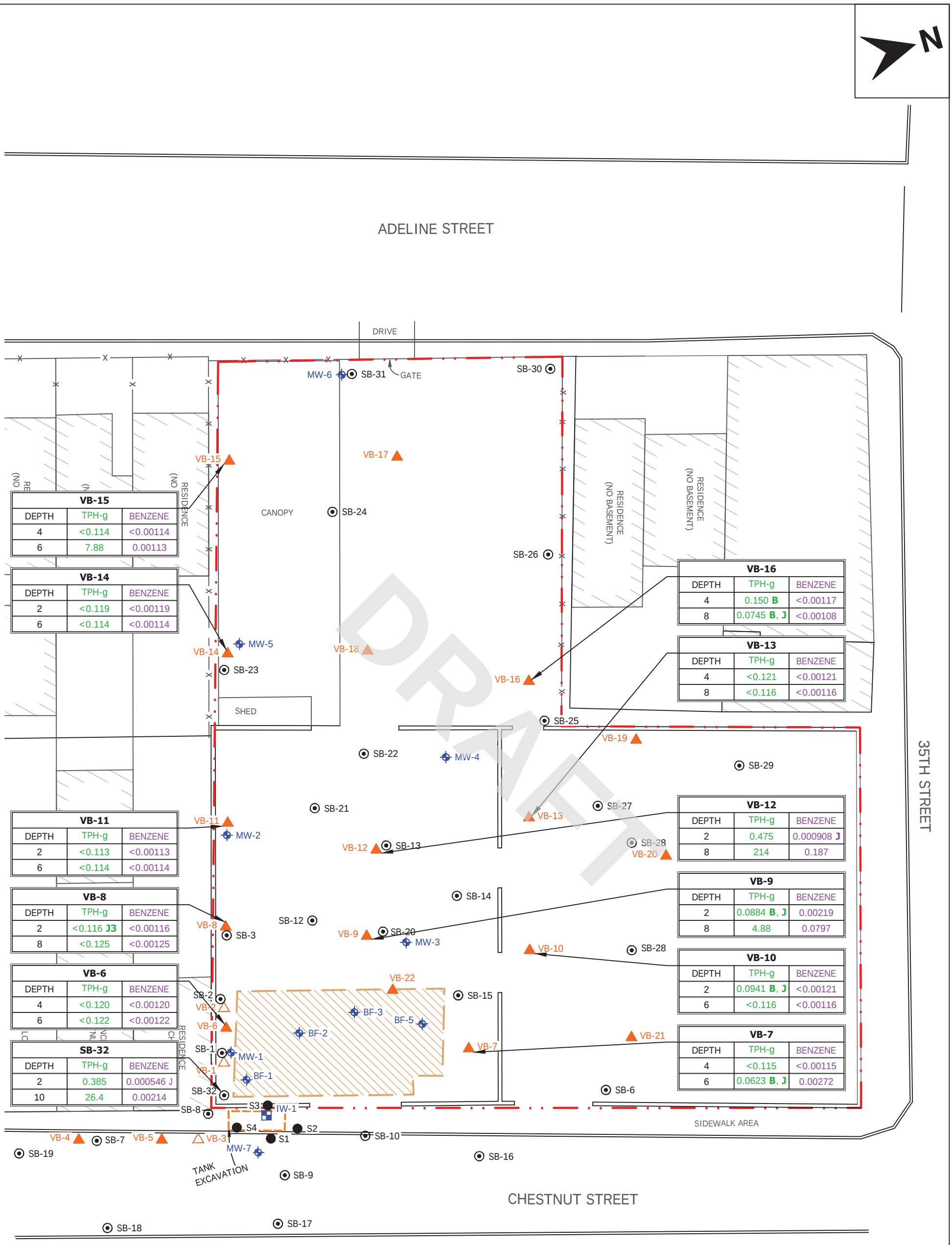

VB-15		
DEPTH	TPH-g	BENZENE
4	<0.114	<0.00114
6	7.88	0.00113

VB-14		
DEPTH	TPH-g	BENZENE
2	<0.119	<0.00119
6	<0.114	<0.00114

VB-11		
DEPTH	TPH-g	BENZENE
2	<0.113	<0.00113
6	<0.114	<0.00114

VB-8		
DEPTH	TPH-g	BENZENE
2	<0.116 **J3**	<0.00116
8	<0.125	<0.00125

VB-6		
DEPTH	TPH-g	BENZENE
4	<0.120	<0.00120
6	<0.122	<0.00122

SB-32		
DEPTH	TPH-g	BENZENE
2	0.385	0.000546 J
10	26.4	0.00214

VB-16		
DEPTH	TPH-g	BENZENE
4	0.150 **B**	<0.00117
8	0.0745 **B, J**	<0.00108

VB-13		
DEPTH	TPH-g	BENZENE
4	<0.121	<0.00121
8	<0.116	<0.00116

VB-12		
DEPTH	TPH-g	BENZENE
2	0.475	0.000908 **J**
8	214	0.187

VB-9		
DEPTH	TPH-g	BENZENE
2	0.0884 **B, J**	0.00219
8	4.88	0.0797

VB-10		
DEPTH	TPH-g	BENZENE
2	0.0941 **B, J**	<0.00121
6	<0.116	<0.00116

VB-7		
DEPTH	TPH-g	BENZENE
4	<0.115	<0.00115
6	0.0623 **B, J**	0.00272

LEGEND

0 30 60 APPROXIMATE SCALE IN FEET or MILES

- SB-1 AEI Soil Boring
- S-1 Clear Water Soil Sample
- VB-1 Temporary Soil Vapor Probe
- VB-4 Permanent Soil Vapor Probe
- BF-1 Backfill Well Casings
- MW-1 Monitoring Well Casings
- Site Boundary
- Interim Source Removal Excavation
- Former Gasoline UST

Note:
All concentrations are reported in units of miligrams of analyte per kilogram of soil.

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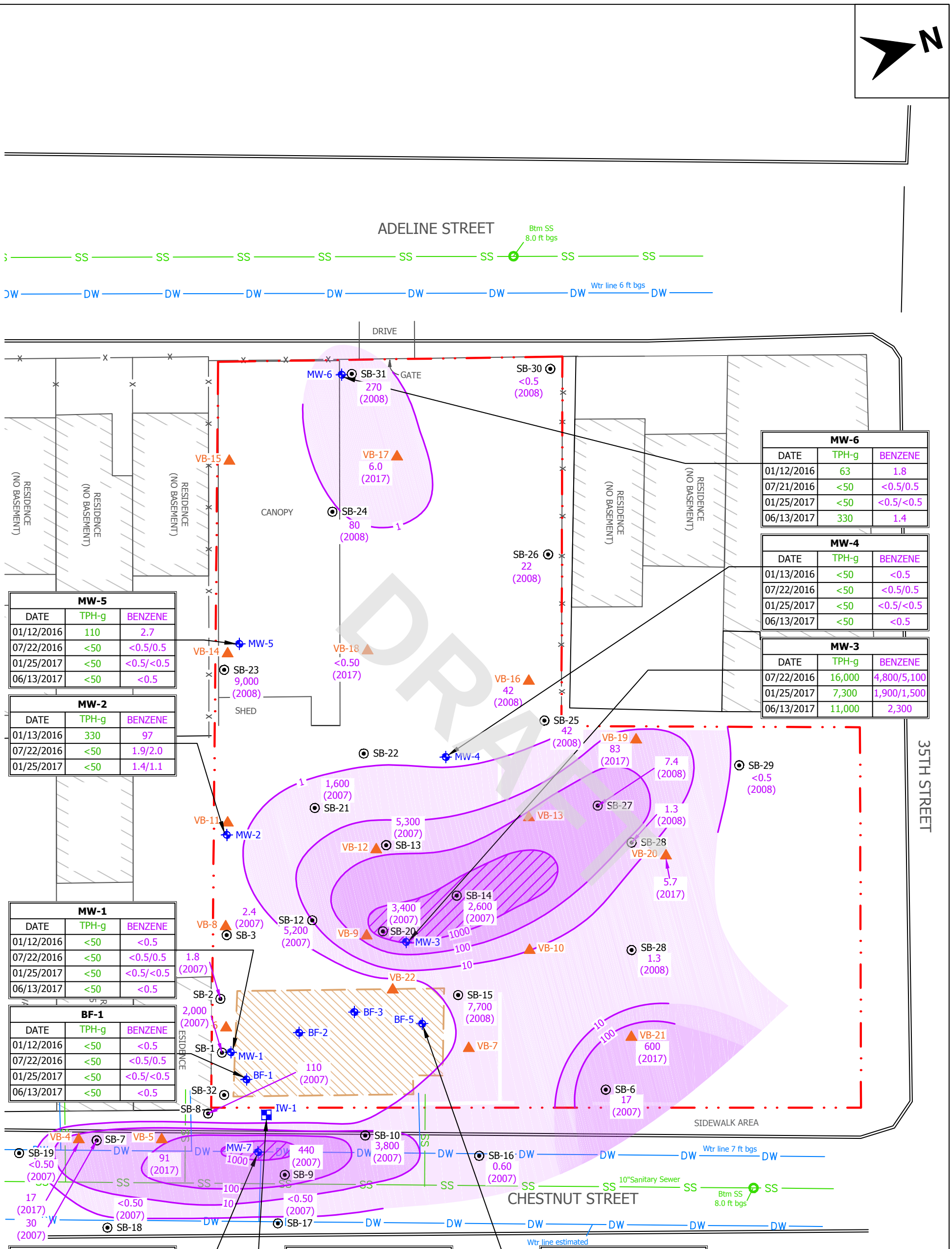
2500 Camino Diablo
Walnut Creek, California

TPH-g AND BENZENE IN SOIL

3442 ADELINE STREET
OAKLAND, CA 94608

FIGURE 5
Project No. 281939

P:\Companywide Projects\280000 Series\281939 Oakland, CA\SM\281939 Zimmerman PM\Deliverables\2017 08 18 - 2017 S1 And S2 GW Monitoring Report\01_Figures\Working Files\2017S2 GWM Report_V01_JES - 09/06/2017



MW-6		
DATE	TPH-g	BENZENE
01/12/2016	63	1.8
07/21/2016	<50	<0.5/0.5
01/25/2017	<50	<0.5/<0.5
06/13/2017	330	1.4

MW-4		
DATE	TPH-g	BENZENE
01/13/2016	<50	<0.5
07/22/2016	<50	<0.5/0.5
01/25/2017	<50	<0.5/<0.5
06/13/2017	<50	<0.5

MW-3		
DATE	TPH-g	BENZENE
07/22/2016	16,000	4,800/5,100
01/25/2017	7,300	1,900/1,500
06/13/2017	11,000	2,300

MW-5		
DATE	TPH-g	BENZENE
01/12/2016	110	2.7
07/22/2016	<50	<0.5/0.5
01/25/2017	<50	<0.5/<0.5
06/13/2017	<50	<0.5

MW-2		
DATE	TPH-g	BENZENE
01/13/2016	330	97
07/22/2016	<50	1.9/2.0
01/25/2017	<50	1.4/1.1

MW-1		
DATE	TPH-g	BENZENE
01/12/2016	<50	<0.5
07/22/2016	<50	<0.5/0.5
01/25/2017	<50	<0.5/<0.5
06/13/2017	<50	<0.5

BF-1		
DATE	TPH-g	BENZENE
01/12/2016	<50	<0.5
07/22/2016	<50	<0.5/0.5
01/25/2017	<50	<0.5/<0.5
06/13/2017	<50	<0.5

MW-7		
DATE	TPH-g	BENZENE
01/12/2016	1,800	400
07/21/2016	6,700	1,400/1,400
06/13/2017	10,000	1,900

IW-1		
DATE	TPH-g	BENZENE
01/12/2016	<50	<0.5
07/21/2016	<50	<0.5/0.5
01/25/2017	<50	<0.5/<0.5
06/13/2017	<50	<0.5

BF-5		
DATE	TPH-g	BENZENE
01/12/2016	<50	<0.5
07/22/2016	<50	<0.5/0.5
01/25/2017	<50	<0.5/<0.5
06/13/2017	<50	<0.5

LEGEND

0 30 60 APPROXIMATE SCALE IN FEET or MILES

- SB-1 AEI Soil Boring
- VB-4 Permanent Soil Vapor Probe
- BF-1 Backfill Well Casings
- MW-1 Monitoring Well Casings
- IW-1 Injection Well
- Site Boundary
- DW Domestic Water
- SS Sanitary Sewer
- Interim Source Removal Excavation (2009)
- 10 Benzene in Groundwater Isoconcentration Contour (µg/L)
- <0.50 (2017) Grab Groundwater Benzene Analytical Result (ug/L) / Grab Groundwater Sample Collection Year

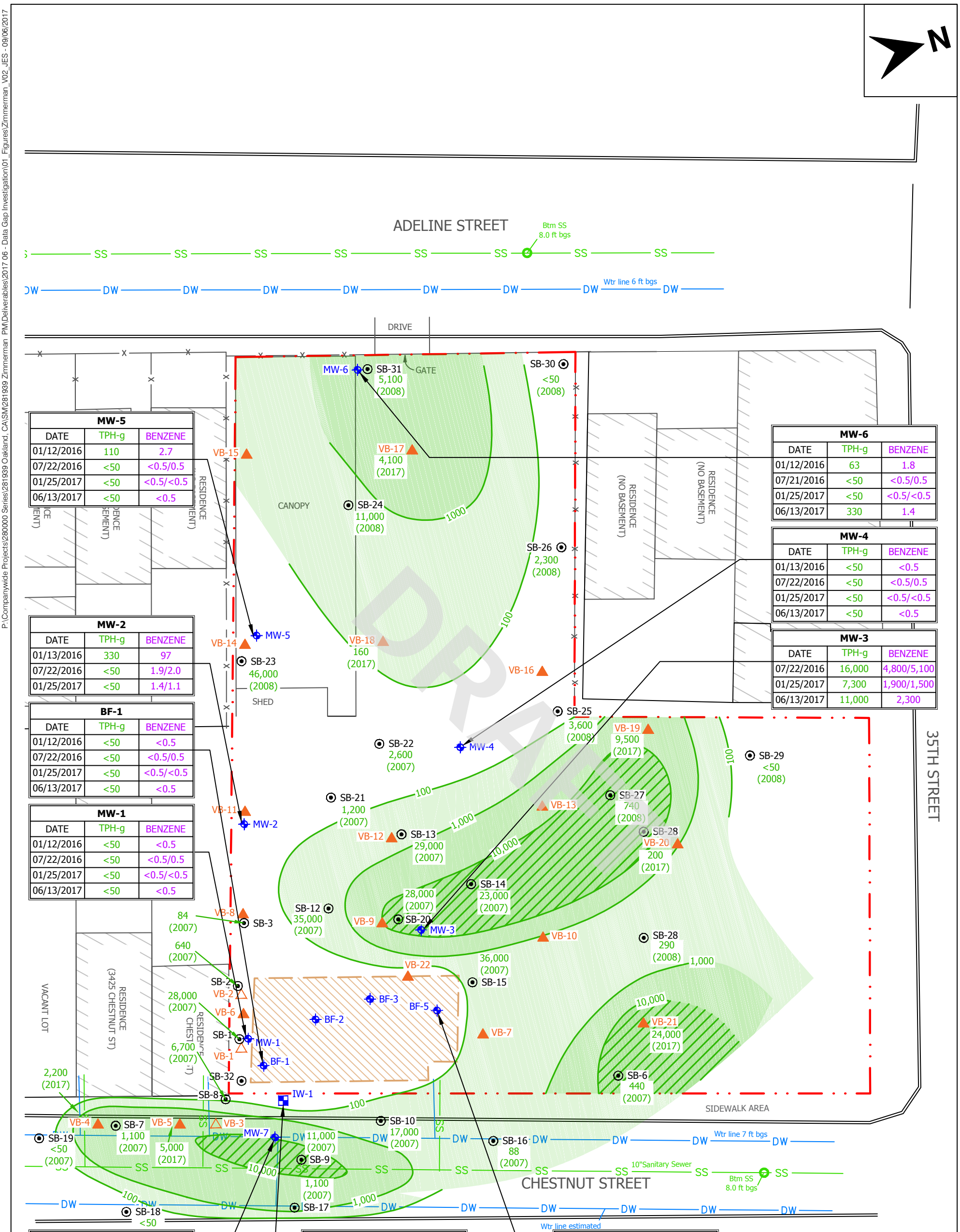
AEI Consultants

2500 Camino Diablo
Walnut Creek, California

BENZENE IN GROUNDWATER JUNE 2017

3442 ADELINE STREET
OAKLAND, CA 94608

FIGURE 6
Project No. 281939



MW-5		
DATE	TPH-g	BENZENE
01/12/2016	110	2.7
07/22/2016	<50	<0.5/0.5
01/25/2017	<50	<0.5/<0.5
06/13/2017	<50	<0.5

MW-6		
DATE	TPH-g	BENZENE
01/12/2016	63	1.8
07/21/2016	<50	<0.5/0.5
01/25/2017	<50	<0.5/<0.5
06/13/2017	330	1.4

MW-4		
DATE	TPH-g	BENZENE
01/13/2016	<50	<0.5
07/22/2016	<50	<0.5/0.5
01/25/2017	<50	<0.5/<0.5
06/13/2017	<50	<0.5

MW-3		
DATE	TPH-g	BENZENE
07/22/2016	16,000	4,800/5,100
01/25/2017	7,300	1,900/1,500
06/13/2017	11,000	2,300

MW-2		
DATE	TPH-g	BENZENE
01/13/2016	330	97
07/22/2016	<50	1.9/2.0
01/25/2017	<50	1.4/1.1

BF-1		
DATE	TPH-g	BENZENE
01/12/2016	<50	<0.5
07/22/2016	<50	<0.5/0.5
01/25/2017	<50	<0.5/<0.5
06/13/2017	<50	<0.5

MW-1		
DATE	TPH-g	BENZENE
01/12/2016	<50	<0.5
07/22/2016	<50	<0.5/0.5
01/25/2017	<50	<0.5/<0.5
06/13/2017	<50	<0.5

MW-7		
DATE	TPH-g	BENZENE
01/12/2016	1,800	400
07/21/2016	6,700	1,400/1,400
06/13/2017	10,000	1,900

IW-1		
DATE	TPH-g	BENZENE
01/12/2016	<50	<0.5
07/21/2016	<50	<0.5/0.5
01/25/2017	<50	<0.5/<0.5
06/13/2017	<50	<0.5

BF-5		
DATE	TPH-g	BENZENE
01/12/2016	<50	<0.5
07/22/2016	<50	<0.5/0.5
01/25/2017	<50	<0.5/<0.5
06/13/2017	<50	<0.5

LEGEND

0 30 60 APPROXIMATE SCALE IN FEET or MILES

- SB-1 AEI Soil Boring
- VB-1 Temporary Soil Vapor Probe
- VB-4 Permanent Soil Vapor Probe
- BF-1 Backfill Well Casings
- MW-1 Monitoring Well Casings
- IW-1 Injection Well
- Site Boundary
- DW Domestic Water
- SS Sanitary Sewer
- Interim Source Removal Excavation (2009)
- 10 TPH-g Isoconcentration Contour (ug/L)
- <0.50 (2017) Grab Groundwater TPH-G Analytical Result (ug/L) Grab Groundwater Sample Collection Year

AEI Consultants

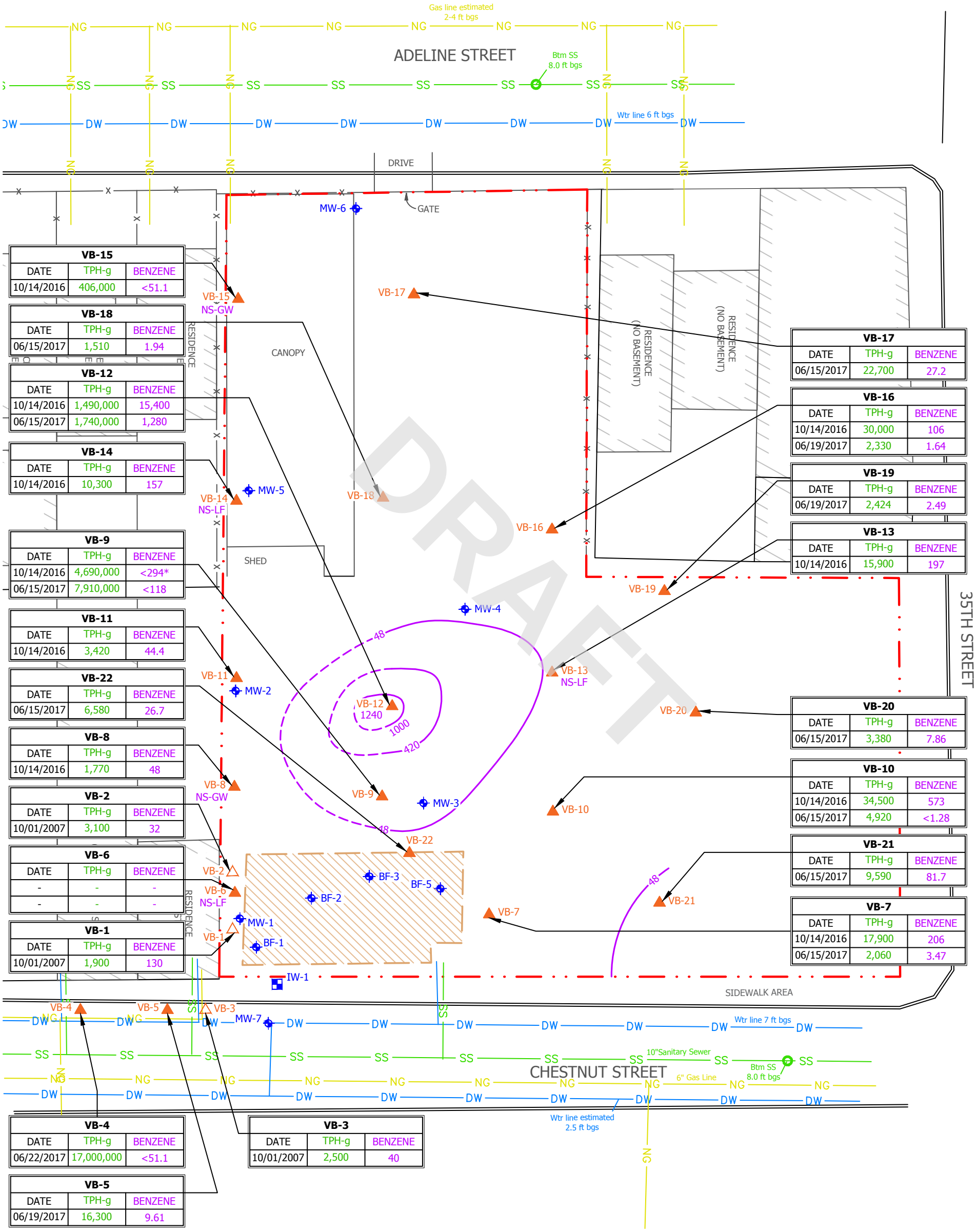
2500 Camino Diablo
Walnut Creek, California

THP-g IN GROUNDWATER
June 2017

3442 ADELINE STREET
OAKLAND, CA 94608

FIGURE 7
Project No. 281939

P:\Companywide Projects\280000 Series\281939 Oakland, CA\SM\281939 Zimmerman PM\Deliverables\2017 06 - Data Gap Investigation\01_Figures\Zimmerman_V02_JES - 09/06/2017



VB-15		
DATE	TPH-g	BENZENE
10/14/2016	406,000	<51.1

VB-18		
DATE	TPH-g	BENZENE
06/15/2017	1,510	1.94

VB-12		
DATE	TPH-g	BENZENE
10/14/2016	1,490,000	15,400
06/15/2017	1,740,000	1,280

VB-14		
DATE	TPH-g	BENZENE
10/14/2016	10,300	157

VB-9		
DATE	TPH-g	BENZENE
10/14/2016	4,690,000	<294*
06/15/2017	7,910,000	<118

VB-11		
DATE	TPH-g	BENZENE
10/14/2016	3,420	44.4

VB-22		
DATE	TPH-g	BENZENE
06/15/2017	6,580	26.7

VB-8		
DATE	TPH-g	BENZENE
10/14/2016	1,770	48

VB-2		
DATE	TPH-g	BENZENE
10/01/2007	3,100	32

VB-6		
DATE	TPH-g	BENZENE
-	-	-
-	-	-

VB-1		
DATE	TPH-g	BENZENE
10/01/2007	1,900	130

VB-17		
DATE	TPH-g	BENZENE
06/15/2017	22,700	27.2

VB-16		
DATE	TPH-g	BENZENE
10/14/2016	30,000	106
06/19/2017	2,330	1.64

VB-19		
DATE	TPH-g	BENZENE
06/19/2017	2,424	2.49

VB-13		
DATE	TPH-g	BENZENE
10/14/2016	15,900	197

VB-20		
DATE	TPH-g	BENZENE
06/15/2017	3,380	7.86

VB-10		
DATE	TPH-g	BENZENE
10/14/2016	34,500	573
06/15/2017	4,920	<1.28

VB-21		
DATE	TPH-g	BENZENE
06/15/2017	9,590	81.7

VB-7		
DATE	TPH-g	BENZENE
10/14/2016	17,900	206
06/15/2017	2,060	3.47

VB-4		
DATE	TPH-g	BENZENE
06/22/2017	17,000,000	<51.1

VB-3		
DATE	TPH-g	BENZENE
10/01/2007	2,500	40

VB-5		
DATE	TPH-g	BENZENE
06/19/2017	16,300	9.61

LEGEND

0 30 60 APPROXIMATE SCALE IN FEET or MILES

- VB-1 Temporary Soil Vapor Probe
- VB-4 Permanent Soil Vapor Probe
- BF-1 Backfill Well Casings
- MW-1 Monitoring Well Casings
- IW-1 Injection Well
- Site Boundary
- DW Domestic Water
- SS Sanitary Sewer
- NG Natural Gas
- Interim Source Removal Excavation (2009)
- 48 Benzene in Soil Vapor Isoconcentration Contour (µg/L)

AEI Consultants

2500 Camino Diablo
Walnut Creek, California

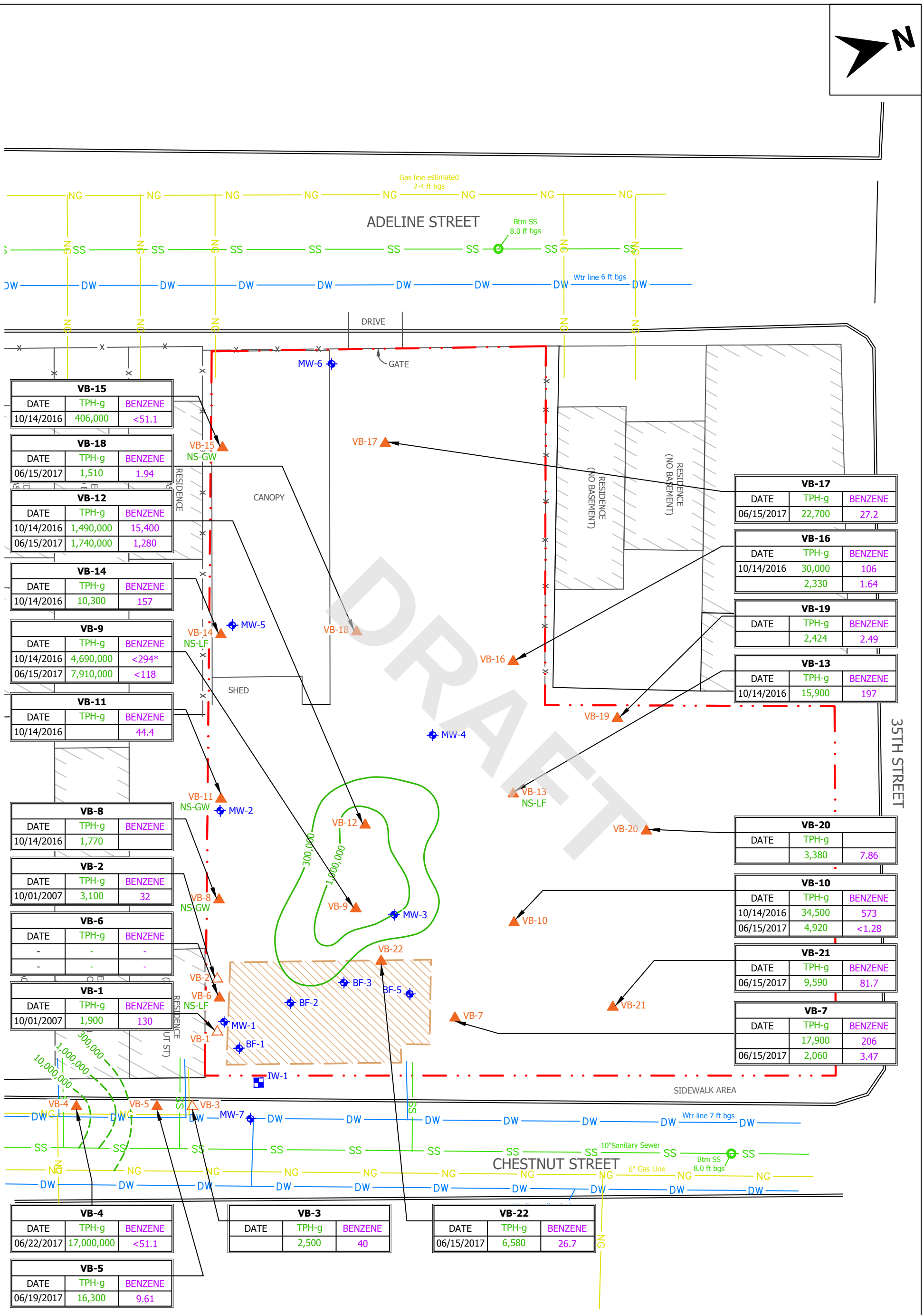
BENZENE IN SOIL VAPOR JUNE 2017

3442 ADELINE STREET
OAKLAND, CA 94608

FIGURE 8
Project No. 281939

P:\Companywide Projects\280000 Series\281939 Oakland, CA\SM\281939 Zimmerman PM\Deliverables\2017 06 - Data Gap Investigation\01_Figures\Zimmerman_V02_JES - 09/06/2017

P:\Companywide Projects\280000 Series\281939 Oakland, CA\SM\281939 Zimmerman PM\Deliverables\2017 06 - Data Gap Investigation\01_Figures\Zimmerman_V02_JES - 09/06/2017



VB-15		
DATE	TPH-g	BENZENE
10/14/2016	406,000	<51.1

VB-18		
DATE	TPH-g	BENZENE
06/15/2017	1,510	1.94

VB-12		
DATE	TPH-g	BENZENE
10/14/2016	1,490,000	15,400
06/15/2017	1,740,000	1,280

VB-14		
DATE	TPH-g	BENZENE
10/14/2016	10,300	157

VB-9		
DATE	TPH-g	BENZENE
10/14/2016	4,690,000	<294*
06/15/2017	7,910,000	<118

VB-11		
DATE	TPH-g	BENZENE
10/14/2016		44.4

VB-8		
DATE	TPH-g	BENZENE
10/14/2016	1,770	

VB-2		
DATE	TPH-g	BENZENE
10/01/2007	3,100	32

VB-6		
DATE	TPH-g	BENZENE
-	-	-
-	-	-

VB-1		
DATE	TPH-g	BENZENE
10/01/2007	1,900	130

VB-17		
DATE	TPH-g	BENZENE
06/15/2017	22,700	27.2

VB-16		
DATE	TPH-g	BENZENE
10/14/2016	30,000	106
	2,330	1.64

VB-19		
DATE	TPH-g	BENZENE
	2,424	2.49

VB-13		
DATE	TPH-g	BENZENE
10/14/2016	15,900	197

VB-20		
DATE	TPH-g	
	3,380	7.86

VB-10		
DATE	TPH-g	BENZENE
10/14/2016	34,500	573
06/15/2017	4,920	<1.28

VB-21		
DATE	TPH-g	BENZENE
06/15/2017	9,590	81.7

VB-7		
DATE	TPH-g	BENZENE
	17,900	206
06/15/2017	2,060	3.47

VB-4		
DATE	TPH-g	BENZENE
06/22/2017	17,000,000	<51.1

VB-3		
DATE	TPH-g	BENZENE
	2,500	40

VB-22		
DATE	TPH-g	BENZENE
06/15/2017	6,580	26.7

VB-5		
DATE	TPH-g	BENZENE
06/19/2017	16,300	9.61

LEGEND

0 30 60 APPROXIMATE SCALE IN FEET or MILES

- VB-1 Temporary Soil Vapor Probe
- VB-4 Permanent Soil Vapor Probe
- BF-1 Backfill Well Casings
- MW-1 Monitoring Well Casings
- IW-1 Injection Well
- Site Boundary
- DW Domestic Water
- SS Sanitary Sewer
- NG Natural Gas
- Interim Source Removal Excavation (2009)
- 10 TPH-g Isoconcentration Contour (ug/m3)

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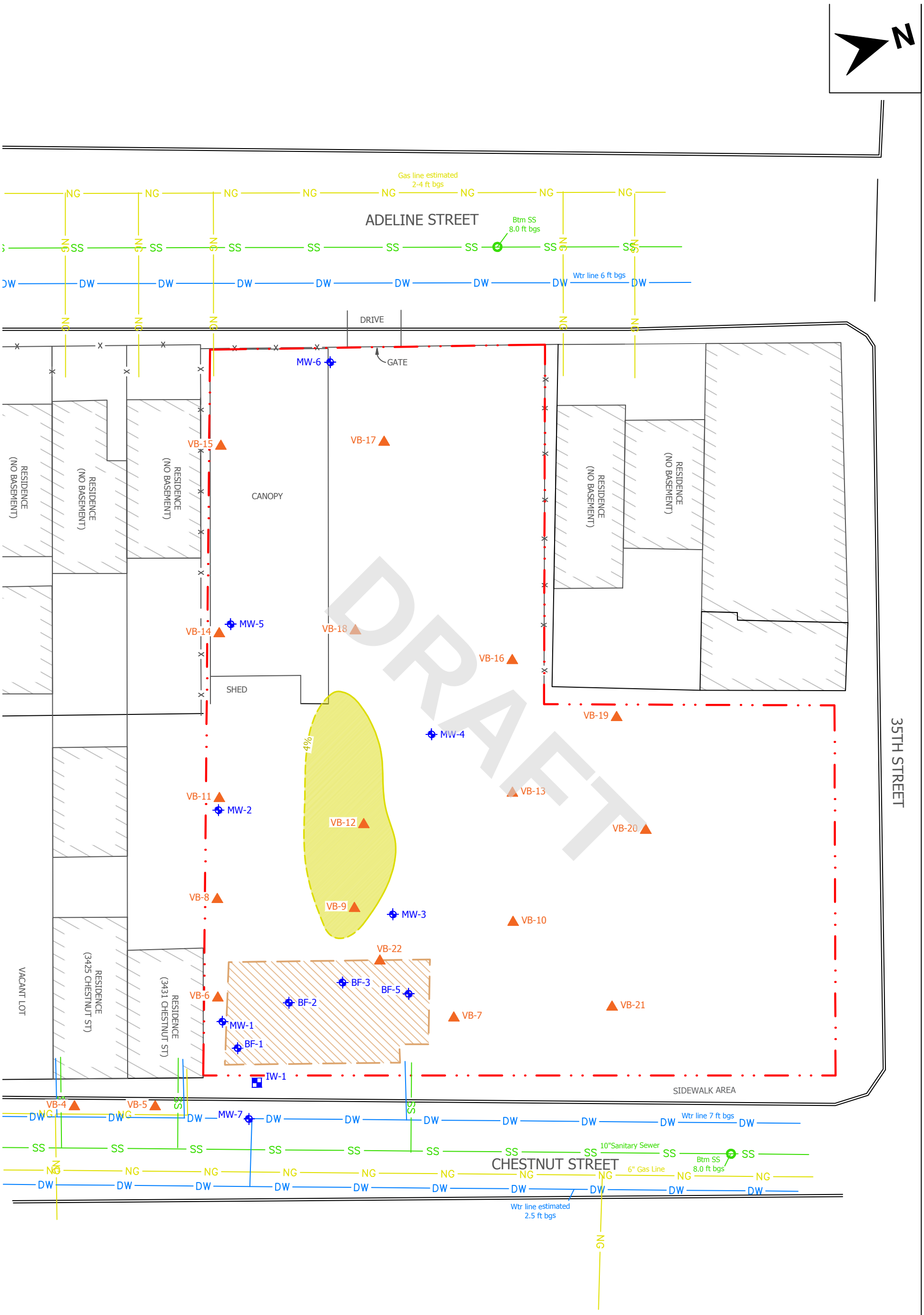
2500 Camino Diablo
Walnut Creek, California

THP-g IN SOIL VAPOR
June 2017

3442 ADELINE STREET
OAKLAND, CA 94608

FIGURE 9
Project No. 281939



LEGEND

0 30 60 APPROXIMATE SCALE IN FEET or MILES

- VB-4 Permanent Soil Vapor Probe
- BF-1 Backfill Well Casings
- MW-1 Monitoring Well Casings
- IW-1 Injection Well
- Site Boundary
- DW Domestic Water
- SS Sanitary Sewer
- NG Natural Gas
- Interim Source Removal Excavation (2009)
- 4% Oxygen Soil Vapor Isoconcentraion

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2500 Camino Diablo
Walnut Creek, California

OXYGEN IN SOIL VAPOR

3442 ADELINE STREET
OAKLAND, CA 94608

FIGURE 10
Project No. 281939

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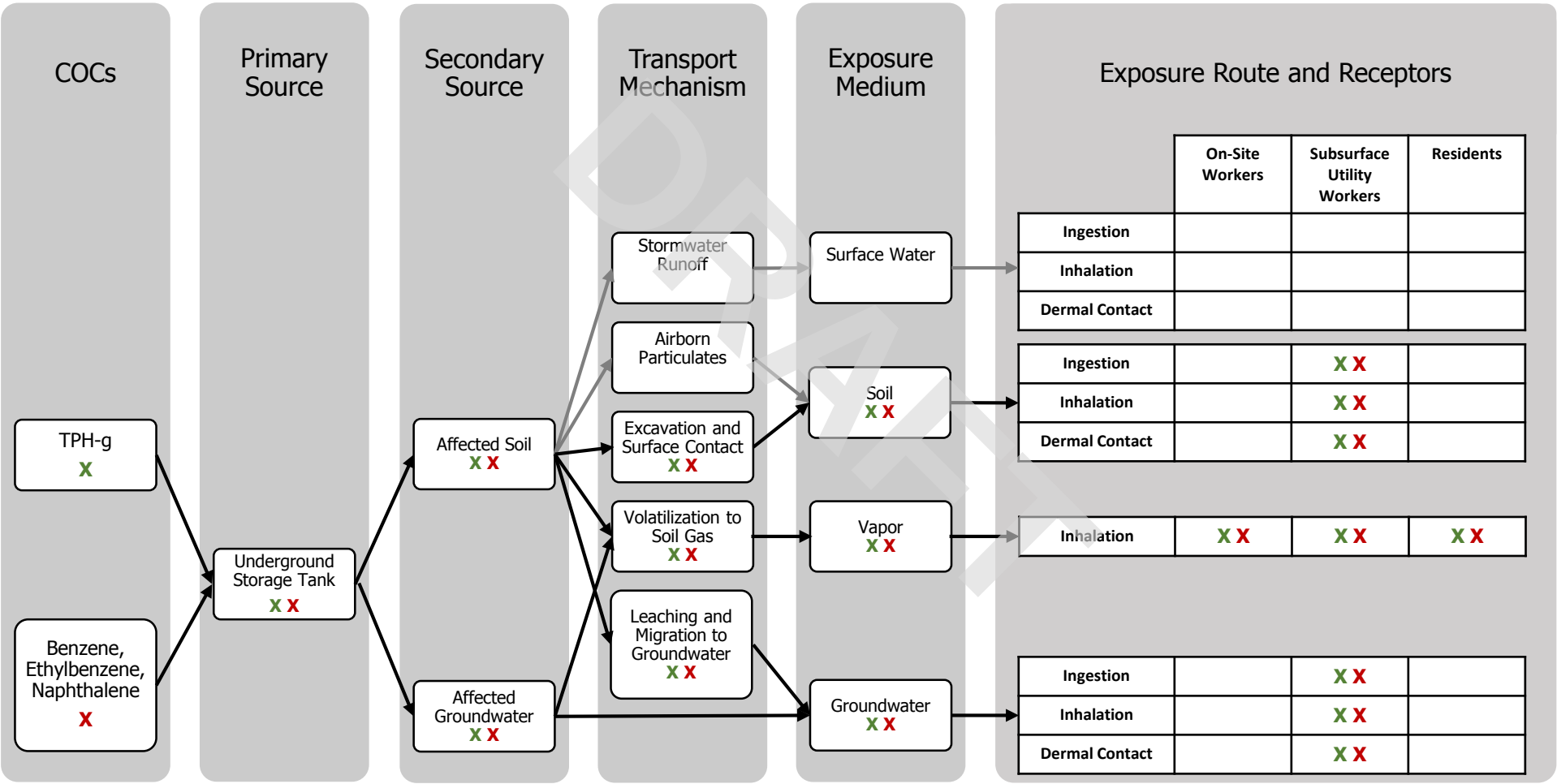
FIGURE 11
CONCEPTUAL SITE MODEL EXPOSURE PATHWAYS
Zimmerman Properties
3442 Adeline Street
Oakland, CA



Notes:
COCs Constituents of Concern
TPH-g Gasoline range petroleum hydrocarbons
Pathway considered complete for one or more constituent of concern
Pathway incomplete for all constituents of concern

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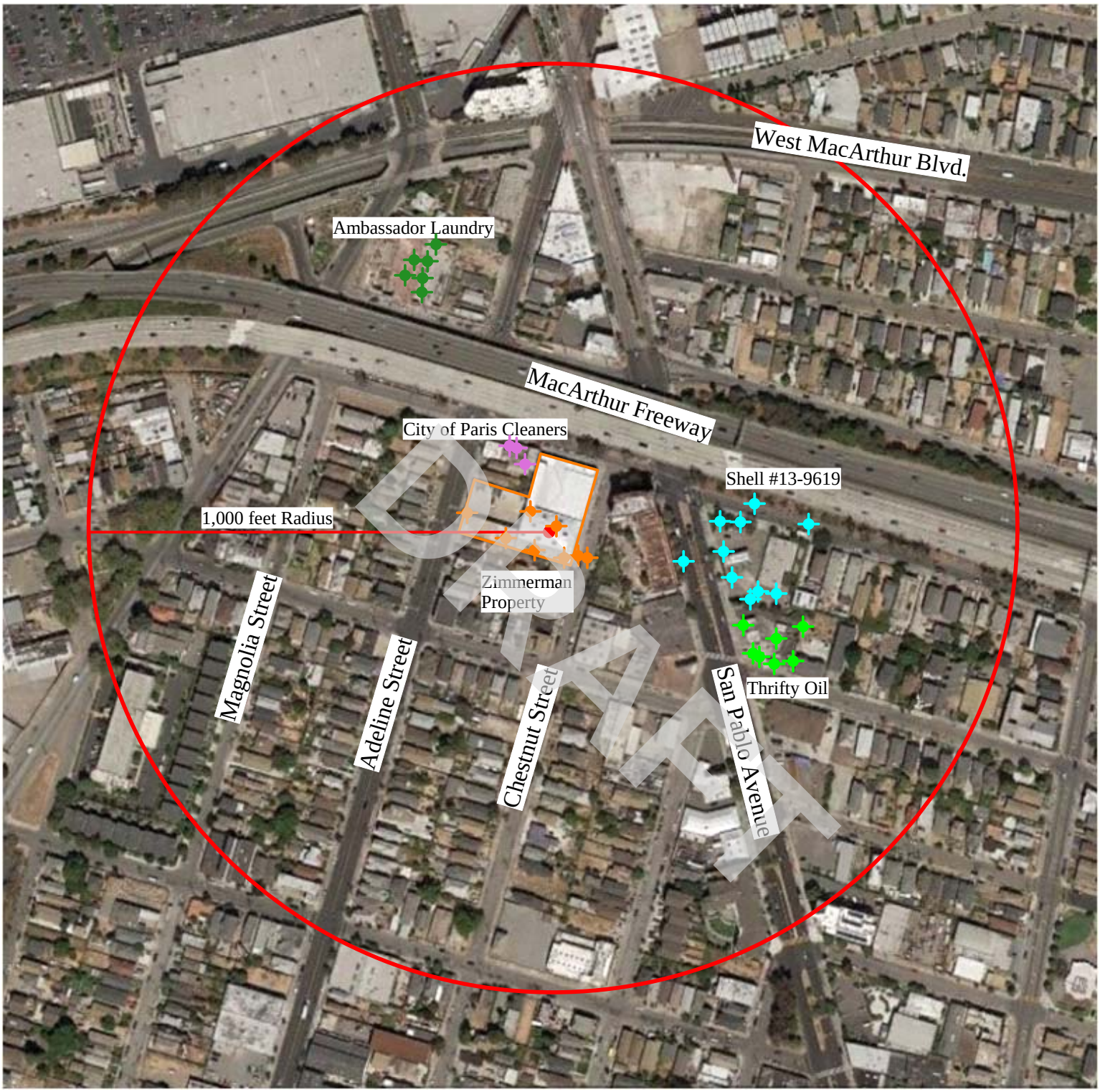
AEI Proj. No. 281939



Zimmerman Property
Ambassador Laundry
City of Paris Cleaners
Shell #13-9619
Thrifty Oil

Subject Property

AEI CONSULTANTS

2500 CAMINO DIABLO, WALNUT CREEK

ACPWA and DWP Well Survey Results

3442 Adeline Street
Oakland, California

Figure 12

PROJECT NO. 281939

TABLES

DRAFT

TABLE 1
Summary of Soil Analytical Data
Zimmerman Property
3442 Adeline Street
Oakland, CA 94608

Sample ID	Depth (ft)	Date	TPH-g (C5-C12) (mg/kg)	TPH-d (C12-C22) (mg/kg)	TPH-mo (C22-C32) (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylenes (mg/kg)	Napthalene (mg/kg)	MTBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)
UST Removal Samples															
NW	6.5	2/22/00	130	130	---	0.16	0.26	0.73	6.3	---	---	---	---	---	---
SE	6.5	2/22/00	920	850	---	0.3	0.37	5.3	22	---	---	---	---	---	---
2006-2008 Soil Borings															
S-1	5	6/23/06	<1.0	5.6	---	0.011	<0.0050	<0.0050	<0.0050	---	---	---	---	---	---
	8		100	26	---	1.3	0.22	2.0	7.2	---	---	---	---	---	---
	12		67	45	---	0.098	<0.025	0.73	0.39	---	---	---	---	---	---
	14.5		<1.0	1.2	---	<0.0050	<0.0050	<0.0050	0.01	---	---	---	---	---	---
S-2	4	6/23/06	<1.0	4.7	---	0.016	<0.0050	<0.0050	<0.0050	---	---	---	---	---	---
	7.5		460	84	---	1.2	0.36	9.4	24	---	---	---	---	---	---
	12		61	49	---	0.33	0.055	0.84	2.4	---	---	---	---	---	---
	14		<1.0	<1.0	---	<0.0050	<0.0050	<0.0050	<0.0050	---	---	---	---	---	---
S-3	3.5	6/23/06	<1.0	3.1	---	<0.0050	<0.0050	<0.0050	<0.0050	---	---	---	---	---	---
	7.5		1,200	250	---	0.47	0.52	18	100	---	---	---	---	---	---
	10		220	76	---	0.26	<0.040	6.2	7.2	---	---	---	---	---	---
	14.5		<1.0	1.3	---	<0.0050	<0.0050	0.0056	0.016	---	---	---	---	---	---
S-4	3.5	6/23/06	<1.0	3.5	---	<0.0050	<0.0050	<0.0050	<0.0050	---	---	---	---	---	---
	7.5		820	240	---	<0.20	<0.20	6.7	4.4	---	---	---	---	---	---
	11.5		500	120	---	0.079	<0.040	3.5	4.8	---	---	---	---	---	---
	14.5		<1.0	1.3	---	<0.0050	<0.0050	<0.0050	<0.0050	---	---	---	---	---	---
SB-1	4	10/1/07	2.9	---	---	0.016	0.0079	<0.005	0.0094	---	<0.05	---	---	---	---
	7.5		1,200	450	---	3.1	2.5	24	110	---	<5.0	---	---	---	---
	11.5		640	90	---	0.40	1.5	9.3	23	---	<2.5	<0.33	<3.3	<0.33	<0.33
	15.5		<1.0	---	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
SB-2	7.5	10/1/07	<1.0	<1.0		<0.005	<0.005	<0.005	<0.005		<0.05	---	---	---	---
	11		53	6.1	---	<0.005	0.24	0.0084	0.19	---	<0.05	<0.005	<0.05	<0.005	<0.005
SB-3	7.5	10/1/07	<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
	11.5		<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	<0.005	<0.05	<0.005	<0.005
SB-4	3.5	10/1/07	~~1.2~~	~~---~~	---	~~<0.005~~	~~<0.005~~	~~<0.005~~	~~<0.005~~	---	~~<0.05~~	~~---~~	~~---~~	~~---~~	~~---~~
	7.5		~~430~~	~~170~~	---	~~1.2~~	~~0.99~~	~~3.6~~	~~1.2~~	---	~~<1.0~~	~~---~~	~~---~~	~~---~~	~~---~~
	11.5		~~340~~	~~25~~	---	~~2.4~~	~~0.92~~	~~7.1~~	~~9.7~~	---	~~<1.0~~	~~<0.005~~	~~<0.05~~	~~<0.005~~	~~<0.005~~
	15.5		<1.0	---	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
SB-5	~~3.5~~	10/1/07	~~<1.0~~	~~---~~	---	~~<0.005~~	~~<0.005~~	~~<0.005~~	~~<0.005~~	---	~~<0.05~~	~~---~~	~~---~~	~~---~~	~~---~~
	~~7.5~~		~~420~~	~~54~~	---	~~4.0~~	~~1.1~~	~~9.5~~	~~18~~	---	~~<1.5~~	~~---~~	~~---~~	~~---~~	~~---~~
	~~11.5~~		~~130~~	~~22~~	---	~~0.43~~	~~0.10~~	~~1.2~~	~~0.77~~	---	~~<1.0~~	~~<0.005~~	~~<0.05~~	~~<0.005~~	~~<0.005~~
	15.5		<1.0	---	---	0.017	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
SB-6	7.5	10/1/07	<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---

DRAFT

TABLE 1
Summary of Soil Analytical Data
Zimmerman Property
3442 Adeline Street
Oakland, CA 94608

Sample ID	Depth (ft)	Date	TPH-g (C5-C12) (mg/kg)	TPH-d (C12-C22) (mg/kg)	TPH-mo (C22-C32) (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylenes (mg/kg)	Napthalene (mg/kg)	MTBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)
	11.5		<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	<0.005	<0.05	<0.005	<0.005
SB-7	7.5	10/3/07	310	90		<0.10	0.48	0.28	0.38		<1.0	---	---	---	---
	11.5		120	37	---	0.21	0.069	0.39	0.22	---	<0.50	<0.020	<0.20	<0.020	<0.020
SB-8	7.5	10/3/07	53	23	---	<0.010	0.030	0.034	0.13	---	<0.10	---	---	---	---
	11.5		99	13	---	0.24	0.070	0.66	0.46	---	<0.17	<0.010	<0.10	<0.010	<0.010
SB-9	4	10/3/07	<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
	11.5		<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	<0.005	<0.05	<0.005	<0.005
SB-10	7.5	10/3/07	35	5.1		0.72	0.024	0.47	0.079		<0.10	---	---	---	---
	11.5		750	74	---	6.9	1.6	13	33	---	<10	<0.10	<1.0	<0.10	<0.10
	15.5		<1.0	---	---	0.012	<0.005	<0.005	0.0052	---	<0.05	---	---	---	---
SB-11	~~11.5~~	10/3/07	~~39~~	~~13~~	---	~~0.68~~	~~0.086~~	~~0.76~~	~~2.3~~	---	~~<0.3~~	~~---~~	~~---~~	~~---~~	~~---~~
	15.5		41	10	---	1.1	0.071	0.55	1.5	---	0.14	---	---	---	---
SB-12	8	12/20/07	25	1.8	---	0.097	0.024	0.81	1.3	---	<0.10	---	---	---	---
	12		82	23	---	0.74	0.14	1.5	2.9	---	<0.50	---	---	---	---
	16		20	---	---	0.51	0.083	0.48	1.8	---	<0.25	---	---	---	---
SB-13	8	12/20/07	180	66	---	0.46	0.10	2.5	2.7	---	<0.50	---	---	---	---
	12		170	74	---	1.1	0.21	2.4	6.7	---	<0.50	---	---	---	---
	16		5.7	<50	---	0.87	0.017	0.12	0.10	---	<0.05	---	---	---	---
SB-14	8	12/20/07	<1.0	<1.0	---	0.0092	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
	12		910	83	---	3.3	0.43	10	16	---	<2.5	---	---	---	---
	16		<1.0	---	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
SB-15	8	12/20/07	<1.0	<1.0		<0.005	<0.005	<0.005	<0.005		<0.05	---	---	---	---
	12		390	61	---	2.7	0.47	6.7	13	---	<2.5	---	---	---	---
	16		40	---	---	0.26	0.047	0.37	1.3	---	<0.1	---	---	---	---
SB-16	8	12/20/07	<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
SB-17	8	12/20/07	<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
	12		<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
SB-18	8	12/20/07	<1.0	18		<0.005	<0.005	<0.005	<0.005		<0.05	---	---	---	---
SB-19	8	12/20/07	<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
	12		6.7	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
SB-20	8	12/20/07	89	9.7	---	0.070	0.14	0.050	0.14	---	<0.25	---	---	---	---
	12		99	32	---	0.61	0.061	1.6	1.4	---	<0.17	---	---	---	---
	16		<1.0	---	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---

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TABLE 1
Summary of Soil Analytical Data
Zimmerman Property
3442 Adeline Street
Oakland, CA 94608

Sample ID	Depth (ft)	Date	TPH-g (C5-C12) (mg/kg)	TPH-d (C12-C22) (mg/kg)	TPH-mo (C22-C32) (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylenes (mg/kg)	Napthalene (mg/kg)	MTBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)
SB-21	8	12/21/07	<1.0	<1.0		<0.005	<0.005	<0.005	<0.005		<0.05	---	---	---	---
	12		26	5.8	---	0.28	0.048	0.31	0.30	---	<0.05	---	---	---	---
SB-22	8	12/21/07	24	<1.0	---	<0.005	0.070	0.016	0.059	---	<0.05	---	---	---	---
	12		310	150	---	0.17	<0.17	4.1	3.2	---	<1.7	---	---	---	---
	16		9.2	---	---	0.021	0.032	0.0052	0.0083	---	<0.05	---	---	---	---
SB-23	8	5/7/08	<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
	12		310	73	---	1.3	0.31	4.3	0.11	---	<3.0	---	---	---	---
SB-24	8	5/7/08	<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
	12		15	3.4	---	0.011	0.023	0.020	0.044	---	<0.15	---	---	---	---
	16		41	<1.0	---	<0.050	<0.050	0.11	0.11	---	<0.50	---	---	---	---
SB-25	8	5/7/08	<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
	12		48	12	---	0.027	0.079	0.029	0.11	---	<0.50	---	---	---	---
SB-26	8	5/7/08	<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
	12		<1.0	<1.0		<0.005	<0.005	<0.005	<0.005		<0.05	---	---	---	---
SB-27	8	5/7/08	<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
	12		27	4.2	---	<0.005	0.10	<0.005	0.061	---	<0.05	---	---	---	---
	16		4.8	1.5	---	0.0053	0.020	<0.005	0.0074	---	<0.05	---	---	---	---
SB-28	8	5/7/08	<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
	12		19	1.6	---	0.24	0.034	0.031	0.036	---	<0.05	---	---	---	---
SB-29	8	5/7/08	<1.0	<1.0		<0.005	<0.005	<0.005	<0.005		<0.05	---	---	---	---
	12		<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
SB-30	8	5/7/08	<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
	12		<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
SB-31	8	5/7/08	<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
	12		1.9	<1.0	---	<0.005	0.016	<0.005	<0.005	---	<0.05	---	---	---	---
SB-32	2	10/6/16	0.385	2.25 **J**	---	0.000546 **J**	<0.006	<0.001	<0.00351	<0.00620	<0.00117	<0.00117	<0.00585	<0.00117	<0.00117
	10	10/6/16	26.4	14.7	---	0.00214	0.00130 **J**	0.00162	0.00555	0.0921	<0.00117	<0.00117	<0.00585	<0.00117	<0.00117
Excavation Samples															
Sidewall Samples															
SW1	7.0	3/4/09	<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
	11.5	3/4/09	<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
SW2	8.0	3/4/09	<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
	11.5	3/4/09	24	5.8	---	0.17	<0.005	0.26	0.19	---	<0.05	---	---	---	---

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TABLE 1
Summary of Soil Analytical Data
Zimmerman Property
3442 Adeline Street
Oakland, CA 94608

Sample ID	Depth (ft)	Date	TPH-g (C5-C12) (mg/kg)	TPH-d (C12-C22) (mg/kg)	TPH-mo (C22-C32) (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylenes (mg/kg)	Napthalene (mg/kg)	MTBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)
SW3	7.5	3/4/09	180	65	---	0.88	0.28	2.9	4.2	---	<1.0	---	---	---	---
	11.5	3/4/09	<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
SW4	6.0	3/5/09	<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
	11.5	3/5/09	100	21	---	0.49	0.10	1.5	4.2	---	<1.0	---	---	---	---
SW5	6.5	3/5/09	87	16	---	0.23	0.11	0.62	0.49	---	<0.50	---	---	---	---
SW6	6.5	3/5/09	17	<1.0	---	0.02	<0.010	<0.010	0.032	---	<0.10	---	---	---	---
	12	3/11/09	4.9	<1.0	---	0.54	<0.005	0.15	0.16	---	<0.05	---	---	---	---
SW7	6.5	3/5/09	200	210	---	0.2	<0.10	0.49	0.71	---	<1.0	---	---	---	---
	11.5	3/9/09	1,200	310	---	2.3	1.4	18	41	---	<2.5	---	---	---	---
SW8	6.5	3/11/09	12	5.2	---	0.085	0.0084	0.027	0.07	---	<0.05	---	---	---	---
	11.5	3/11/09	12	1.1	---	0.0091	0.0091	0.15	0.19	---	<0.05	---	---	---	---
SW9	6.5	3/11/09	<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
	12	3/11/09	5.0	<1.0	---	0.82	<0.005	0.2	0.2	---	<0.05	---	---	---	---
SW10	6.5	3/11/09	5.6	<1.0	---	0.045	0.0062	0.0089	0.012	---	<0.05	---	---	---	---
Bottom Samples															
B-1	13	3/4/09	<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
B-2	13	3/4/09	<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
B-3	11	3/9/09	38	3.6	---	2.6	<0.050	0.49	0.58	---	<0.50	---	---	---	---
B-4 □	11	3/11/09	130	13	---	0.81	0.12	1.5	2.5	---	<0.50	---	---	---	---
Well Installation Samples															
MW-1	12	4/1/09	30	1.5	---	0.034	0.26	0.042	0.11	---	<0.05	---	---	---	---
	15	4/1/09	<1.0	<1.0	---	<0.05	<0.05	<0.05	<0.05	---	<1.0	---	---	---	---
MW-2	12	4/1/09	140	21	---	0.81	<0.10	1.9	2.6	---	<1.0	---	---	---	---
	16	4/1/09	2.3	<1.0	---	0.62	<0.005	0.016	0.0091	---	<1.0	---	---	---	---
	19	4/1/09	<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<1.0	---	---	---	---
MW-3	12	4/1/09	27	4.3	---	0.57	0.049	0.69	0.62	---	<1.0	---	---	---	---
	16	4/1/09	<1.0	<1.0	---	0.018	0.0059	0.0061	0.023	---	<0.05	---	---	---	---
MW-4	12	4/1/09	1100	99	---	<1.0	2.9	1.1	1.3	---	<10	---	---	---	---
	16	4/1/09	<1.0	<1.0	---	0.018	0.0059	1.0061	0.023	---	<0.05	---	---	---	---
MW-5	12	5/12/09	61	31	---	0.27	0.12	0.66	0.92	---	<1.0	---	---	---	---

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TABLE 1
Summary of Soil Analytical Data
Zimmerman Property
3442 Adeline Street
Oakland, CA 94608

Sample ID	Depth (ft)	Date	TPH-g (C5-C12) (mg/kg)	TPH-d (C12-C22) (mg/kg)	TPH-mo (C22-C32) (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylenes (mg/kg)	Napthalene (mg/kg)	MTBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)
	16	5/12/09	18	1.9	---	0.15	0.0055	0.23	0.33	---	<0.05	---	---	---	---
MW-6	12	4/2/09	23	2.3	---	0.12	0.018	0.15	0.34	---	<0.05	---	---	---	---
	16	4/2/09	270	29	---	<0.25	0.67	0.43	0.81	---	<2.5	---	---	---	---
	19	4/2/09	1.8	5	---	<0.005	<0.005	<0.005	<0.005	---	0.12	---	---	---	---
	25	4/2/09	<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	0.029	---	---	---	---
MW-7	12	5/13/09	13	<1.0	---	0.067	0.03	0.042	0.02	---	<0.05	---	---	---	---
	16		<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
IW-1	10.5	5/12/09	490	86	---	0.19	0.69	6.7	3.5	---	<1.0	---	---	---	---
	15	5/12/09	<1.0	<1.0	---	<0.005	<0.005	<0.005	<0.005	---	<0.05	---	---	---	---
Vapor Well Installation Samples															
VB-6	4	10/12/16	<0.120	1.00 **J**	2.25 **J**	<0.0012	<0.00601	<0.0012	<0.00361	<0.00601	<0.0012	<0.0012	<0.00601	<0.0012	<0.0012
	8	10/12/16	<0.122	6.52	2.48 **J**	<0.00122	<0.0061	<0.00122	<0.00366	<0.00601	<0.00122	<0.00122	<0.0061	<0.00122	<0.00122
VB-7	4	10/12/16	<0.115	<4.6	<4.60	<0.00115	<0.00575	<0.00115	<0.00345	<0.00575	<0.00115	<0.00115	<0.00575	<0.00115	<0.00115
	6	10/12/16	0.0623 **B, J**	1.68 **J**	1.79 **J**	0.00272	<0.0058	<0.00116	<0.00348	<0.00580	<0.00116	<0.00116	<0.0058	<0.00116	<0.00116
VB-8	2	10/12/16	<0.116 **J3**	3.49 **J**	<4.62	<0.00116	<0.00578	<0.00116	<0.00347	<0.00578	<0.00116	<0.00116	<0.00578	<0.00116	<0.00116
	8	10/12/16	<0.125	7.16	1.77 **J**	<0.00125	<0.00625	<0.00125	<0.00375	<0.00625	<0.00125	<0.00125	<0.00625	<0.00125	<0.00125
VB-9	2	10/12/16	0.0884 **B, J**	1.15 **J**	<4.65	0.00219	<0.00581	<0.00116	<0.00348	<0.00581	<0.00116	<0.00116	0.0433	<0.00116	<0.00116
	8	10/12/16	4.88	19.8 **J**	60.6	0.0797	0.0235 **J**	0.0359	0.0516 **J**	<0.154	<0.0309	<0.0309	<0.154	<0.0309	<0.0309
VB-10	2	10/12/16	0.0941 **B, J**	3.35 **J**	<4.84	<0.00121	<0.00605	<0.00121	<0.00363	<0.00605	<0.00121	<0.00121	<0.00605	<0.00121	<0.00121
	6	10/12/16	<0.116	4.82	<4.66	<0.00116	<0.00582	<0.00116	<0.00349	<0.00582	<0.00116	<0.00116	<0.00582	<0.00116	<0.00116
VB-11	2	10/12/16	<0.113	1.99 **J**	<4.53	<0.00113	<0.00566	<0.00113	<0.0034	<0.00566	<0.00113	<0.00113	<0.00566	<0.00113	<0.00113
	6	10/12/16	<0.114	1.94 **J**	<4.56	<0.00114	0.00225 **J**	0.000647	0.00309 **J**	<0.00571	<0.00114	<0.00114	<0.00571	<0.00114	<0.00114
VB-12	2	10/6/16	0.475	3.19 **J**	2.79 **J**	0.000908 **J**	<0.00588	<0.00118	<0.00353	<0.00588	<0.00118	<0.00118	0.0536 **J**	<0.00118	<0.00118
	8	10/6/16	214	4.12 **J**	2.37 **J**	0.187	0.00322 **J**	0.496	0.821	0.102	<0.00116	<0.00116	0.0586 **J**	<0.00116	<0.00116
VB-13	4	10/12/16	<0.121	<4.86	<4.86	<0.00121	<0.00607	<0.00121	<0.00364	<0.00607	<0.00121	<0.00121	<0.00607	<0.00121	<0.00121
	8	10/12/16	<0.116	2.02 **J**	4.64	<0.00116	<0.00579	<0.00116	<0.00348	<0.00579	<0.00116	<0.00116	<0.00579	<0.00116	<0.00116
VB-14	2	10/12/16	<0.119	5.28	<4.77	<0.00119	<0.00596	<0.00119	<0.00358	<0.00596	<0.00119	<0.00119	<0.00596	<0.00119	<0.00119
	6	10/12/16	<0.114	4.7	<4.54	<0.00114	<0.00568	<0.00114	<0.00341	<0.00568	<0.00114	<0.00114	<0.00568	<0.00114	<0.00114
VB-15	4	10/12/16	<0.114	3.94 **J**	<4.54	<0.00114	<0.00568	<0.00114	<0.00341	<0.00568	<0.00114	<0.00114	<0.00568	<0.00114	<0.00114
	6	10/12/16	7.88	4.06 **J**	<4.50	<0.00113	<0.00563	<0.00113	<0.00338	<0.00563	<0.00113	<0.00113	0.00497	<0.00113	<0.00113
VB-16	4	10/12/16	0.150 **B**	2.15 **J**	<4.67	<0.00117	<0.00584	<0.00117	<0.0035	<0.00584	<0.00117	<0.00117	<0.00584	<0.00117	<0.00117
	8	10/12/16	0.0745 **B, J**	8.31	1.76 **J**	<0.00108	<0.00542	<0.00108	<0.00325	<0.00542	<0.00108	<0.00108	<0.00542	<0.00108	<0.00108

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TABLE 1
Summary of Soil Analytical Data
Zimmerman Property
3442 Adeline Street
Oakland, CA 94608

Sample ID	Depth (ft)	Date	TPH-g (C5-C12) (mg/kg)	TPH-d (C12-C22) (mg/kg)	TPH-mo (C22-C32) (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-benzene (mg/kg)	Xylenes (mg/kg)	Napthalene (mg/kg)	MTBE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	DIPE (mg/kg)	ETBE (mg/kg)
VB-21	10	6/13/17	140 **S**	6.6	<5.0	<0.050 H	<0.050 H	<0.050 H	<0.050 H	<0.050 H	<0.050 H	<0.050 H	<0.50 H	<0.050 H	<0.050 H
	13	6/13/17	23	1.1	<5.0	<0.020 H	<0.020 H	<0.020 H	<0.020 H	<0.020 H	<0.020 H	<0.020 H	<0.20 H	<0.020 H	<0.020 H

Notes:

---	No Data
DIPE	Di-isopropyl Ether
ETBE	ethyl tert-butyl ether
mg/kg	milligrams per kilogram
MTBE	methyl tert-butyl ether
~~Strikethrough~~	Removed during 2009 Excavation
B	The analyte was present in the method blank
S	Surrogate recovery outside of accepted recovery limits
TAME	tert-amyl methyl ether
TBA	tertiary butyl alcohol
TPH-d	total petroleum hydrocarbons as diesel (C12-C-22)
TPH-g	total petroleum hydrocarbons as gasoline (C5-C12)
B-4 *	Sample mislabeled in field and identified in report as "B-3(B-4-11)"
J	The identification of the analyte is acceptable; the reported value is an estimate
H	Samples were analyzed out of holding time
	Analytical data from the current reporting period

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TABLE 2
Summary of Grab Groundwater Analytical Data

Zimmerman Property
3442 Adeline Street
Oakland, CA

Sample ID	Date	TPH-g µg/L	TPH-d µg/L	Benzene µg/L	Toluene µg/L	Ethyl-Benzene µg/L	Xylenes µg/L	MTBE µg/L	TAME µg/L	ETBE µg/L	TBA µg/L	DIPE µg/L
Pit Water	02/22/00	7,400	34,000	3,300	930	400	6,200	---	---	---	---	---
S-1	6/23/06	20,000	<10,000	980	70	1,500	1,100	---	---	---	---	---
S-2	6/23/06	31,000	<4,000	7,000	260	920	2,800	---	---	---	---	---
S-3	6/23/06	23,000	<1,500	490	67	1,200	3,300	---	---	---	---	---
S-4	6/23/06	120,000	<40,000	200	<15	3,500	2,900	---	---	---	---	---
SB-1	10/1/2007	28,000	6,100	2,000	77	1,600	4,100	<25	<25	<25	<250	<25
SB-2	10/1/2007	640	300	1.8	2.2	1.1	4.9	<0.5	<0.5	<0.5	<5.0	<0.5
SB-3	10/1/2007	84	<50	2.4	<0.5	4.2	11	<0.5	<0.5	<0.5	<5.0	<0.5
SB-4	10/1/2007	20,000	2,200	6,600	110	390	430	<17	<17	<17	430	<17
SB-5	10/1/2007	22,000	7,400	1,900	86	1,200	2,100	<5.0	<5.0	<5.0	120	<5.0
SB-6	10/1/2007	440	---	17	<0.5	0.99	2.2	2.0	<0.5	<0.5	18	<0.5
SB-7	10/3/2007	2,000	1,000	30	5.1	56	82	6.1	<0.5	<0.5.	<5.0	<0.5
SB-8	10/3/2007	6,700	1,600	110	6.3	160	140	<0.5	<0.5	<0.5	12	<0.5
SB-9	10/3/2007	11,000	5,700	440	14	720	1,000	<1.7	<1.7	<1.7	37	<1.7
SB-10	10/3/2007	17,000	1,700	3,800	55	420	830	<10	<10	<10	510	11

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TABLE 2
Summary of Grab Groundwater Analytical Data

Zimmerman Property
3442 Adeline Street
Oakland, CA

Sample ID	Date	TPH-g	TPH-d	Benzene	Toluene	Ethyl-Benzene	Xylenes	MTBE	TAME	ETBE	TBA	DIPE
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
SB-11	10/3/2007	83,000	4,300	10,000	640	2,700	7,900	<25	<25	<25	840	<25
SB-12	12/20/2007	35,000	4,900	5,200	110	1,000	1,800	<450	---	---	---	---
SB-13	12/20/2007	29,000	5,100	5,300	80	1,400	3,900	<250	---	---	---	---
SB-14	12/20/2007	23,000	12,000	2,600	15	1,500	1,800	<240	---	---	---	---
SB-15	12/20/2007	36,000	3,000	7,700	190	1,600	4,700	<350	---	---	---	---
SB-16	12/20/2007	88	480	0.60	<0.5	<0.5	0.83	<5.0	---	---	---	---
SB-17	12/20/2007	1,100	320	<0.5	6.2	<0.5	4.2	<5.0	---	---	---	---
SB-18	12/20/2007	<50	1,800	<0.5	<0.5	<0.5	<0.5	<5.0	---	---	---	---
SB-19	12/20/2007	<50	280	<0.5	<0.5	<0.5	<0.5	<5.0	---	---	---	---
SB-20	12/20/2007	28,000	3,900	3,400	22	1,200	930	<160	---	---	---	---
SB-21	12/21/2007	8,100	1,200	1,600	<5.0	160	84	<50	---	---	---	---
SB-22	12/21/2007	2,600	620	110	0.90	150	55	<10	---	---	---	---
SB-23	5/14/2008	46,000	4,800	9,000	40	2,300	5,200	<450	---	---	---	---
SB-24	5/14/2008	11,000	2,900	80	<5.0	440	290	<50	---	---	---	---
SB-25	5/9/2008	3,600	1,300	42	1.90	65	36	<5.0	---	---	---	---
SB-26	5/14/2008	2,300	770	22	2.1	<1.0	2.4	<10	---	---	---	---

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TABLE 2
Summary of Grab Groundwater Analytical Data

Zimmerman Property
3442 Adeline Street
Oakland, CA

Sample ID	Date	TPH-g µg/L	TPH-d µg/L	Benzene µg/L	Toluene µg/L	Ethyl-Benzene µg/L	Xylenes µg/L	MTBE µg/L	TAME µg/L	ETBE µg/L	TBA µg/L	DIPE µg/L
SB-27	5/14/2008	740	180	7.4	3.70	<0.5	1.0	<5.0	---	---	---	---
SB-28	5/16/2008	290	72	1.3	0.93	2.7	4.0	<5.0	---	---	---	---
SB-29	5/16/2008	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	---	---	---	---
SB-30	5/14/2008	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	---	---	---	---
SB-31	5/14/2008	5,100	770	270	6.3	79	7.2	<110	---	---	---	---
VB-4	6/13/2017	2,200	710	17	1.1	4.0	1.7	<5.0	<5.0	<5.0	11	<5.0
VB-5	6/13/2017	5,000	4,400	91	<5.0	93	25	<5.0	<5.0	<5.0	<20	<5.0
VB-17	6/13/2017	4,100	1,400	6.0	<0.50	18	1.4	<0.50	<0.50	<0.50	<2.0	<0.50
VB-18	6/13/2017	160	260	<0.50	<0.50	3.0	0.9	<0.50	<0.50	<0.50	<2.0	<0.50
VB-19	6/13/2017	9,500	2,200	83	<5.0	40	<5.0	<5.0	<5.0	<5.0	<20	<5.0
VB-20	6/13/2017	200	65	5.7	5.6	0.72	1.1	<0.50	<0.50	<0.50	13	<0.50
VB-21	6/13/2017	29,000	24,000	600	<25	150	<25	<25	<25	<25	<100	<25

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Notes:

µg/L	micrograms of analyte per liter of sample	TAME	tert-amyl methyl ether	MTBE	methyl tert-butyl ether
DIPE	Di-isopropyl Ether	TBA	tertiary butyl alcohol	---	No Data
ETBE	ethyl tert-butyl ether	TPH-d	total petroleum hydrocarbons as diesel		
	Analytical data from the current reporting period	TPH-g	total petroleum hydrocarbons as gasoline		

TABLE 3
Well Construction Details

Zimmerman Property
3442 Adeline Street
Oakland, CA

Well ID	Date Installed	Top of Casing Elevation (ft)	Well Box Rim Elevation (ft)	Well Depth (ft bgs)	Casing Material	Casing Diameter (in)	Sceened Interval (ft bgs)	Slot Size (in)	Sand Interval (ft bgs)	Sand Size
BF-1	03/09/09	31.87	32.14	13	PVC	4	9-13	0.020	8-13	# 2/12
BF-2	03/09/09	NA	NA	13	PVC	4	9-13	0.020	8-13	# 2/12
BF-3	03/09/09	NA	NA	13	PVC	4	8-13	0.020	7-13	# 2/12
BF-5	03/09/09	32.28	32.59	13	PVC	4	8-13	0.020	7-13	# 2/12
MW-1	04/01/09	31.12	32.13	17	PVC	4	7-17	0.020	6-17	# 2/12
MW-2	04/01/09	31.19	31.43	17	PVC	4	7-17	0.020	6-17	# 2/12
MW-3	04/01/09	32.07	32.39	17	PVC	4	7-17	0.020	6-17	# 2/12
MW-4	04/02/09	31.68	31.98	17	PVC	2	7-17	0.020	6-17	# 2/12
MW-5	05/12/09	30.39	30.82	17	PVC	2	7-17	0.020	6-17	# 2/12
MW-6	04/02/09	29.34	29.96	17	PVC	2	7-17	0.020	6-17	# 2/12
MW-7	05/13/09	31.04	31.45	17	PVC	2	7-17	0.020	6-17	# 2/12
IW-1	05/12/09	31.66	31.90	15	SS	2	13-15	40 mesh	12-15	# 2/12

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Notes:

Elevations provided in reference to North American Vertical Datum 1988

bgs	below ground surface
ft	feet
in	inches
PVC	polyvinylchloride
SS	stainless steel
NA	no available information

TABLE 4
Groundwater Elevation Data

Zimmerman Property
3442 Adeline Street
Oakland, CA

Well ID (Screen Interval)	Date Collected	Top of Casing Elevation (ft)	Depth to Water (ft)	Groundwater Elevation (ft)
MW-1	6/10/09	31.12	7.01	24.11
(7-17)	8/27/09	31.12	6.96	24.16
	12/15/09	31.12	5.96	25.16
	3/12/10	31.12	5.06	26.06
	10/21/10	31.12	7.00	24.12
	5/5/11	31.12	5.88	25.24
	4/25/12	31.12	5.33	25.79
	12/12/12	31.12	5.35	25.77
	4/4/13	31.12	6.63	24.49
	4/30/14	31.12	5.42	25.70
	1/12/16	31.12	6.07	25.05
	7/22/16	31.12	8.85	22.27
	1/25/17	31.12	4.16	26.96
	6/13/2017	31.12	6.37	24.75
MW-2	6/10/09	31.19	9.50	21.69
(7-17)	8/27/09	31.19	10.50	20.69
	12/15/09	31.19	8.68	22.51
	3/12/10	31.19	5.09	26.10
	10/21/10	31.19	7.51	23.68
	5/5/11	31.19	6.68	24.51
	4/25/12	31.19	5.58	25.61
	12/12/12	31.19	6.47	24.72
	4/4/13	31.19	7.56	23.63
	4/30/14	31.19	6.62	24.57
	1/13/16	31.19	7.06	24.13
	7/22/16	31.19	9.94	21.25
	1/25/17	31.19	4.27	26.92
	6/13/2017	31.19	8.22	22.97
MW-3	6/10/09	32.07	8.44	23.63
(7-17)	8/27/09	32.07	8.59	23.48
	12/15/09	32.07	7.66	24.41
	3/12/10	Well inaccessible	----	----
	10/21/10	Well inaccessible	----	----
	7/22/16	32.07	9.98	22.09
	1/25/17	32.07	4.79	27.28
	6/13/2017	32.07	7.74	24.33
MW-4	6/10/09	31.68	9.45	22.23
(7-17)	8/27/09	31.68	10.29	21.39
	12/15/09	31.68	8.19	23.49
	3/12/10	31.68	5.45	26.23
	10/21/10	31.68	9.93	21.75
	5/5/11	31.68	6.60	25.08
	4/25/12	31.68	5.73	25.95
	12/12/12	31.68	6.21	25.47

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TABLE 4
Groundwater Elevation Data

Zimmerman Property
3442 Adeline Street
Oakland, CA

Well ID (Screen Interval)	Date Collected	Top of Casing Elevation (ft)	Depth to Water (ft)	Groundwater Elevation (ft)
	4/4/13	31.68	7.88	23.80
	4/30/14	31.68	6.92	24.76
	1/13/16	31.68	6.34	25.34
	7/22/16	31.68	10.50	21.18
	1/25/17	31.68	4.01	27.67
	6/13/2017	31.68	7.94	23.74
MW-5 (7-17)	6/10/09	30.39	9.13	21.26
	8/27/09	30.39	9.54	20.85
	12/15/09	30.39	8.33	22.06
	3/12/10	Well inaccessible	----	----
	10/21/10	30.39	6.85	23.54
	5/5/11	30.39	3.25	27.14
	4/25/12	30.39	4.50	25.89
	12/12/12	30.39	5.43	24.96
	4/4/13	30.39	7.25	23.14
	4/30/14	Well inaccessible	----	----
	1/12/16	30.39	5.65	24.74
	7/21/16	30.39	9.75	20.64
	1/25/17	30.39	3.08	27.31
	6/13/2017	30.39	7.30	23.09
MW-6 (7-17)	6/10/09	29.34	9.98	19.36
	8/27/09	29.34	11.84	17.50
	12/15/09	29.34	8.33	21.01
	3/12/10	29.34	4.66	24.68
	10/21/10	29.34	10.00	19.34
	5/5/11	29.34	5.59	23.75
	4/25/12	29.34	4.82	24.52
	12/20/12	29.34	5.23	24.11
	4/4/13	29.34	7.37	21.97
	4/30/14	29.34	5.89	23.45
	1/12/16	29.34	5.67	23.67
	7/21/16	29.34	10.40	18.94
	1/25/17	29.34	3.59	25.75
	6/13/2017	29.34	7.42	21.92
MW-7 (7-17)	6/10/09	31.04	6.53	24.51
	8/27/09	31.04	6.19	24.85
	12/15/09	31.04	5.71	25.33
	3/12/10	31.04	5.34	25.70
	10/21/10	31.04	6.59	24.45
	5/5/11	31.04	5.98	25.06
	4/25/12	31.04	5.71	25.33
	12/20/12	Well inaccessible	----	----
	4/4/13	31.04	6.18	24.86
	4/30/14	31.04	6.29	24.75

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TABLE 4
Groundwater Elevation Data

Zimmerman Property
3442 Adeline Street
Oakland, CA

Well ID (Screen Interval)	Date Collected	Top of Casing Elevation (ft)	Depth to Water (ft)	Groundwater Elevation (ft)
	1/12/16	31.04	5.61	25.43
	7/21/16	31.04	7.36	23.68
	7/21/16	31.04	7.36	23.68
	6/13/2017	31.04	6.00	25.04
IW-1 (13-15)	6/10/09	31.66	7.65	24.01
	8/27/09	31.66	7.70	23.96
	12/15/09	31.66	10.99	20.67
	3/12/10	31.66	6.00	25.66
	10/21/10	31.66	9.35	22.31
	5/5/11	31.66	6.73	24.93
	4/25/12	31.66	8.05	23.61
	12/20/12	31.66	12.88	18.78
	4/4/13	31.66	12.81	18.85
	4/30/14	31.66	6.01	25.65
	1/12/16	31.66	6.33	25.33
	7/21/16	31.66	8.31	23.35
	1/25/17	31.66	5.48	26.18
	6/13/2017	31.66	6.31	25.35
BF-1	7/21/16	31.87	8.40	23.47
	1/25/17	31.87	4.56	27.31
	6/13/2017	31.87	6.82	25.05
BF-5	7/21/16	32.28	8.95	23.33
	1/25/17	32.28	5.12	27.16
	6/13/2017	32.28	7.35	24.93

Notes:

Data from current reporting period
Elevations provided in feet above North American Vertical Datum 1988

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TABLE 5
Summary of Groundwater Elevation and Flow

Zimmerman Property
3442 Adeline Street
Oakland, CA

Date	Average Water Table Elevation (ft)	Change from Previous Episode (ft)	Flow Direction (gradient) (ft/ft)
6/10/2009	22.40	----	West (0.0186)
8/27/2009	21.85	-0.55	West (0.0186)
12/15/2009	23.42	1.58	West (0.0181)
3/12/2010	25.75	2.33	West (0.004)
10/21/2010	22.81	-2.94	North Northwest (0.041)
5/5/2011	25.13	2.32	West (0.01)
4/25/2012	25.52	0.38	West (0.01)
12/20/2012	25.01	-0.51	West (0.01)
4/4/2013	23.41	-1.60	West (0.01)
4/30/2014	24.62	1.21	West (0.01)
1/12-13/2016	24.55	-0.07	West (0.01)
7/21-22/2016	20.91	-3.64	West (0.01)

Notes:
Elevations provided in reference to North American Vertical Datum 1988

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TABLE 6
Summary of Groundwater Monitoring Well Analytical Data

Zimmerman Property
3442 Adeline Street
Oakland, CA

Sample ID	Date	Depth to Water (ft)	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)
MW-1	04/17/09	7.01	220	97	10	<0.5	3.0	5.4	<5.0
	08/27/09	6.96	7,000	----	610	10	320	220	<180
	09/17/09	----	92	----	0.91	0.70	<0.5	<0.5	<15
	12/15/09	5.96	2500	----	170	6.4	66	120	<50
	03/12/10	5.06	500	----	4.0	1.1	0.6	0.7	<5.0
	10/21/10	7.00	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	05/05/11	5.88	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	04/25/12	5.33	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	12/20/12	5.35	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	04/04/13	6.63	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	04/30/14	5.42	83	----	<0.5	0.53	<0.5	<0.5	<5.0
	01/12/16	6.07	<50	----	<0.5	<0.5	<0.5	<1.5	<5.0
	07/22/16	8.85	<50	----	<0.5/0.5	<0.5	<0.5	<1.5	<5.0
	01/25/17	4.16	<50	----	<0.5/<0.5	<0.5/<0.5	<0.5/<0.5	<1.5/<0.5	<5.0/<0.5
	06/13/17	6.37	<50	----	<0.50	<0.50	<0.50	<1.5	<5.0
MW-2	04/17/09	9.50	7,000	2,200	850	19	93	470	<100
	08/27/09	10.50	26,000	----	3,600	<25	1,200	3,000	<1,200
	12/15/09	8.68	25,000	----	2,900	70	1,500	2,400	<250
	03/12/10	5.69	7,300	----	590	7.0	6.4	680	<350
	10/21/10	7.51	1,900	----	140	1.4	28	140	<15
	05/05/11	6.68	27,000	----	2,300	13	1,700	2,600	<180
	04/25/12	5.58	9,600	----	440	8.8	260	920	<120
	12/20/12	6.47	2,900	----	63	2.6	21	85	<35
	04/04/13	7.56	7,900	----	960	10	380	690	<150
	04/30/14	6.62	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	01/13/16	7.06	330	----	97	<0.5	2.5	14	<5.0
	07/22/16	9.94	<50	----	1.9/2.0	<0.5	<0.5	<1.5	<5.0
	01/25/17	4.27	<50	----	1.4/1.1	<0.5/<0.5	0.56/<0.5	1.6/1.1	<5.0/<0.5
	06/13/17	8.22	<50	----	<0.50	<0.50	<0.50	<1.5	<5.0
MW-3	04/17/09	8.44	10,000	2,200	930	5.6	270	920	<110
	08/27/09	8.59	17,000	----	3,800	38	730	710	<250
	09/17/09	----	260	----	1.8	1.0	<0.5	2.1	<15
	10/14/09	----	1,800	----	220	13	37	130	<30
	12/15/09	7.66	4,900	----	890	13	160	130	<50
	03/12/10	Well inaccessible							
	10/21/10	Well inaccessible							
	07/22/16	9.98	16,000	----	4,800/5,100	28	52	42	<150
	01/25/17	4.79	7,300	----	1,900/1,500	17/<25	99/80	59/37	<200/<25
	06/13/17	7.74	11,000	----	2,300	<25	110	<75	<250

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TABLE 6
Summary of Groundwater Monitoring Well Analytical Data

Zimmerman Property
3442 Adeline Street
Oakland, CA

Sample ID	Date	Depth to Water (ft)	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)
MW-4	04/17/09	9.45	4,700	1,200	140	2.0	28	18	<30
	08/27/09	10.29	4,300	----	75	11	8.6	3.4	<25
	12/15/09	8.19	3,000	----	64	11	5.6	3.3	<15
	03/12/10	5.45	6,100	----	1,200	14	170	6.2	<35
	10/21/10	9.93	1,900	----	120	4.7	5.7	1.8	<15
	05/05/11	6.60	4,900	----	560	2.6	41	17	<25
	04/25/12	5.73	330	----	23	1.4	2.0	4.2	<5.0
	12/20/12	6.21	150	----	5.8	<0.5	<0.5	<0.5	<5.0
	04/04/13	7.88	1,000	----	30	4.6	0.61	0.65	<5.0
	04/30/14	6.92	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	01/13/16	6.34	<50	----	<0.5	<0.5	<0.5	<1.5	<5.0
	07/22/16	10.50	<50	----	<0.5/0.5	<0.5	<0.5	<1.5	<5.0
	01/25/17	4.01	<50	----	<0.5/<0.5	<0.5/<0.5	<0.5/<0.5	<1.5/<0.5	<5.0/<0.5
	06/13/17	7.94	<50	----	<0.50	<0.50	<0.50	<1.5	<5.0
MW-5	05/22/09	9.13	14,000	2,800	3,000	12	340	420	<100
	08/27/09	9.54	25,000	----	3,300	36	110	160	<400
	12/15/09	8.33	8,200	----	1,200	6.9	300	610	<250
	03/12/10	Well inaccessible							
	10/21/10	6.85	<50	----	1.3	<0.5	<0.5	<0.5	<5.0
	05/05/11	3.25	790	----	140	1.0	29	30	<20
	04/25/12	4.51	67	----	3.4	<0.5	1.4	0.83	<5.0
	12/20/12	5.43	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	04/04/13	7.25	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	04/30/14	Well inaccessible			----	----	----	----	----
	01/12/16	5.65	110	----	2.7	<0.5	<0.5	<1.5	<5.0
	07/21/16	9.75	<50	----	<0.5/0.5	<0.5	<0.5	<1.5	<5.0
	01/25/17	3.08	<50	----	<0.5/<0.5	<0.5/<0.5	<0.5/<0.5	<1.5/<0.5	<5.0/<0.5
	06/13/17	7.36	<50	----	<0.50	<0.50	<0.50	<1.5	<5.0
MW-6	04/17/09	9.98	5,600	1,000	210	3.0	180	160	<300
	08/27/09	11.84	2,200	----	98	7.9	20	1.1	<120
	12/15/09	8.59	4,700	----	370	6.9	260	300	<250
	03/12/10	4.66	9,300	----	210	12	250	110	<90
	10/21/10	10.00	380	----	35	1.2	4.6	3.8	<5.0
	05/05/11	5.59	7,000	----	80	2.9	120	28	<75
	04/25/12	4.82	7,400	----	99	11.0	100	27	<150
	12/20/12	5.23	5,500	----	81	3.1	78	16	<50
	04/04/13	7.37	5,300	----	76	5.7	50	12	<70
	04/30/14	5.89	670	----	12	2.4	2.3	0.77	<5.0
	01/12/16	5.67	63	----	1.8	<0.5	<0.5	<1.5	<5.0
	07/21/16	10.40	<50	----	<0.5/0.5	<0.5	<0.5	<1.5	<5.0
	01/25/17	3.59	<50	----	<0.5/<0.5	<0.5/<0.5	<0.5/<0.5	<1.5/<0.5	<5.0/<0.5
	06/13/17	7.42	330	----	1.4	<0.50	2.3	<1.5	<5.0

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TABLE 6
Summary of Groundwater Monitoring Well Analytical Data

Zimmerman Property
3442 Adeline Street
Oakland, CA

Sample ID	Date	Depth to Water (ft)	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)
MW-7	04/17/09	6.53	12,000	3,700	1,000	37	100	36	<120
	08/27/09	6.19	12,000	----	550	30	130	33	<100
	12/15/09	5.71	9,600	----	620	26	140	20	<100
	03/12/10	5.34	10,000	----	850	33	87	28	<25
	10/21/10	6.59	7,900	----	1,100	22	44	21	<180
	05/05/11	5.98	9,300	----	690	23	42	21	<200
	04/25/12	5.71	8,600	----	1,000	31	10	20	<75
	12/20/12	Well inaccessible							
	04/04/13	6.18	12,000	----	2,800	51	96	37	<210
	04/30/14	6.29	220	----	39	0.75	0.53	<0.5	<5.0
	01/12/16	5.61	1,800	----	400	6.8	9.7	7.6	31
	07/21/16	7.36	6,700	----	1,400/1,400	29	36	28	<400
	01/25/207	4.61	3,200	----	190/140	8.0/5.1	7.2/7.0	11/6.7	<150/<5.0
	06/13/17	6.00	10,000	----	1,900	46	180	85	<250
IW-1	05/22/09	7.65	1,200	680	58	2.7	2.3	18	<15
	08/27/09	7.70	160	----	4.1	0.5	0.8	1.6	<5.0
	09/17/09	----	300	----	8.0	1.5	1.4	0.85	<5.0
	12/15/09	10.99	220	----	5.4	1.4	0.65	0.7	<5.0
	03/12/10	6.00	<50	----	1.9	<0.5	<0.5	<0.5	<5.0
	10/21/10	9.35	<50	**----**	<0.5	<0.5	<0.5	<0.5	<5.0
	05/05/11	6.73	<50	**----**	<0.5	<0.5	<0.5	<0.5	<5.0
	04/25/12	8.05	<50	**----**	0.91	<0.5	<0.5	0.57	<5.0
	12/20/12	12.88	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	04/04/13	12.81	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	04/30/14	6.01	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	01/12/16	6.33	<50	----	<0.5	<0.5	<0.5	<1.5	<5.0
	07/21/16	6.33	<50	----	<0.5/0.5	<0.5	<0.5	<1.5	<5.0
	01/25/17	5.48	<50	----	<0.5/<0.5	<0.5/<0.5	<0.5/<0.5	<1.5/<0.5	<5.0/<0.5
	06/13/17	6.31	<50	----	<0.50	<0.50	<0.50	<1.5	<5.0
BF-1	03/27/09	----	19,000	----	890	27	460	1,200	<250
	06/17/09	----	6,700	----	840	19	170	150	<150
	08/10/09	----	11,000	----	710	14	440	290	<120
	08/27/09	----	9,600	----	590	14	350	220	<90
	09/13/09	----	<50	----	1.2	<0.5	<0.5	<0.5	<5.0
	10/14/09	----	2,400	----	83	1.9	5.0	120	<10
	12/11/09	6.70	200	----	12	<0.5	2.2	9.6	<5.0
	03/12/10	5.61	<50	----	2.9	<0.5	<0.5	<0.5	<0.5
	10/21/10	7.95	560	----	68	1.5	6.7	25	<5.0
	05/05/11	6.25	<50	----	0.65	<0.5	<0.5	<0.5	<5.0
	04/25/12	5.85	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	12/20/12	5.82	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0

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TABLE 6
Summary of Groundwater Monitoring Well Analytical Data

Zimmerman Property
3442 Adeline Street
Oakland, CA

Sample ID	Date	Depth to Water (ft)	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)
	04/04/13	6.78	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	04/30/14	5.36	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	01/12/16	6.58	<50	----	<0.5	<0.5	<0.5	<1.5	<5.0
	07/22/16	8.40	<50	----	<0.5/0.5	<0.5	<0.5	<1.5	<5.0
	01/25/17	4.56	<50	----	<0.5/<0.5	<0.5/<0.5	<0.5/<0.5	<1.5/<0.5	<5.0/<0.5
	06/13/17	6.82	<50	----	<0.50	<0.50	<0.50	<1.5	<5.0
BF-5	08/27/09	----	170	----	32	0.55	4.2	220	<25
	10/14/09	----	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	12/11/09	7.25	130	----	40	<0.5	0.91	<0.5	<5.0
	03/12/10	6.09	<50	----	4.3	<0.5	0.91	<0.5	<5.0
	10/21/10	8.62	80	----	8.8	<0.5	1.4	4.5	<5.0
	05/05/11	6.75	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	04/25/12	6.37	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	12/20/12	6.33	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	04/04/13	7.25	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	04/30/14	5.83	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	01/12/16	7.09	<50	----	<0.5	<0.5	<0.5	<1.5	<5.0
	07/22/16	8.95	<50	----	<0.5/0.5	<0.5	<0.5	<1.5	<5.0
	01/25/17	5.12	<50	----	<0.5/<0.5	<0.5/<0.5	<0.5/<0.5	<1.5/<0.5	<5.0/<0.5
	06/13/17	7.35	<50	----	<0.50	<0.50	<0.50	<1.5	<5.0

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Notes:

µg/L	micrograms of analyte per liter of sample
	Analytical data from the current reporting period
MTBE	methyl tert-butyl ether
TPH-d	total petroleum hydrocarbons as diesel
TPH-g	total petroleum hydrocarbons as gasoline
---	No Data

TABLE 7
Summary of Soil Vapor Analytical Data
Zimmerman Property
3442 Adeline Street
Oakland, CA 94608

Boring	Date	TPH-g µg/m³	Benzene µg/m³	Toluene µg/m³	Ethyl-benzene µg/m³	Xylenes µg/m³	MTBE µg/m³	Naphthalene µg/m³	Oxygen %	Carbon Monoxide %	Carbon Dioxide %	Methane %	Helium☐ ppbv	Leak Check Result
VB-1	10/1/2007	1,900	130	35	<8.8	<27	<48	---	---	---	---	---	---	NL
VB-2	10/1/2007	3,100	32	42	11	50	<48	---	---	---	---	---	---	NL
VB-3	10/1/2007	2,500	40	42	16	49	<48	---	---	---	---	---	---	NL
VB-4	6/22/2017	17,700,000	<51.1 *	---	---	---	---	<83	5.24	---	4.22	2.37	---	NL
VB-5	6/19/2017	16,300	9.61	25.8	23.6	124.4	<1.44	<83	10.7	---	2.87	<0.400	<100,000	<0.04%
VB-7	10/14/2016	17,900	206	1,090	148	636	<18	<25	12.8	<2.00	0.65	<0.400	9,280,000	4.0%
	6/15/2017	2,060	3.47	<1.51	<1.73	<5.20	<1.44	<83	10.9	---	2.39	<0.400	3,050,000	1.0%
VB-8	10/14/2016	1,770	48.0	287	25.3	119.4	<1.44	<6.60	13.6	<2.00	1.55	<0.400	1,150,000	0.6%
VB-9	10/14/2016	4,690,000	<294 ☐	<1,510	<347	<1,041	<288	<25 **Q**	<2.00	<2.00	10.9	0.806	<100,000	<0.04%
	6/15/2017	7,910,000	<118 *	847	385	1,038	169	<83	3.81	---	4.76	<0.400	<100,000	<0.04%
VB-10	10/14/2016	34,500	573	827	77.3	87.7	<18	<25	3.40	<2.00	3.93	<0.400	11,200,000	4.8%
	6/15/2017	4,920	<1.28	12.3	3.35	14.69	<1.44	<83	13.5	---	2.37	<0.400	1,860,000	0.6%
VB-11	10/14/2016	3,420	44.4	343	62.3	272.5	<1.44	<6.6	7.81	<2.00	1.83	<0.400	2,460,000	1.5%
VB-12	10/14/2016	1,490,000	15,400	<603	<694	<2,084	<577	<25 **Q**	<2.00	<2.00	13.6	0.416	<100,000	<0.05%
	6/15/2017	1,740,000	1,280	231	311	1,288	<21.1	<83	2.85	---	9.72	<0.400	<100,000	<0.03%
VB-13	10/14/2016	15,900	197	855	73.6	322.7	<1.44	<6.6	13.6	<2.00	<0.500	<0.400	10,600,000	6.0%
VB-14	10/14/2016	10,300	157	605	63.1	270.2	<1.44	<6.6	10.9	<2.00	2.35	<0.400	11,200,000	4.7%
VB-15	10/14/2016	406,000	<51.1	<60.3	<69.4	<208	95.1	<25 **Q**	2.09	<2.00	10.4	<0.400	2,450,000	1.2%
VB-16	10/14/2016	30,000	106	1,010	116	538	<18	<6.6	11.1	<2.00	2.97	<0.400	8,540,000	4.5%
	6/19/2017	2,330	1.64	4.91	<1.73	7.79	<0.400	<83	14.1	---	<0.500	<0.400	<100,000	<0.04%
VB-17	6/15/2017	22,700	27.2	55.3	13.6	52.7	<1.44	<83	8.82	---	3.14	<0.400	2,090,000	0.6%
VB-18	6/15/2017	1,510	1.94	8.60	<1.73	6.63	<1.44	<83	4.71	---	4.36	<0.400	2,430,000	0.8%
VB-19	6/19/2017	2,424	2.49	29.4	5.82	48.6	<1.44	<83	13.6	---	1.04	<0.400	<100,000	<0.04%

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TABLE 7
Summary of Soil Vapor Analytical Data
Zimmerman Property
3442 Adeline Street
Oakland, CA 94608

Boring	Date	TPH-g µg/m^3	Benzene µg/m^3	Toluene µg/m^3	Ethyl-benzene µg/m^3	Xylenes µg/m^3	MTBE µg/m^3	Naphthalene µg/m^3	Oxygen %	Carbon Monoxide %	Carbon Dioxide %	Methane %	Helium☐ ppbv	Leak Check Result
VB-20	6/15/2017	3,380	7.86	50.8	6.23	38.28	<0.400	<83	11.7	---	3.58	<0.400	1,510,000	0.5%
VB-21	6/15/2017	9,590	81.7	644	56.7	272.6	<1.44	<83	14.7	---	<0.500	<0.400	683,000	0.2%
VB-22	6/15/2017	6,580	26.7	7.43	1.93	<5.20	<1.44	<83	7.13	---	1.76	<0.400	1,500,000	0.6%

Notes:

---	No Data
% Leak	Ratio of the concentration of the leak check compound in the shroud to the concentraiton of the leak check compound in the sample
(a)	Results determined using a field Helium meter
(b)	isopropyl alcohol used as a leack check compound
(c)	1,1-difluoroethane used as a leack check compound
☐	Analyte reported at the method detection limit
µg/m^3	micrograms of analyte per cubic meter of sample under standard conditions
MTBE	methyl tert-butyl ether
NL	Non-helium leak check compounds were not reported as present
Q	The internal standard associated with the analyte exceeded acceptable limits
TPH-g	total petroleum hydrocarbons as gasoline
	Analytical data from the current reporting period
	Soil vapor samples collected from probes at an approximate depth of 5 feet below ground surface

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TABLE 8
Summary of Compounds Detected

Zimmerman Property
3442 Adeline Street
Oakland, CA 94608

Sample Location	Sample Date	Sample Depth (feet bgs)	Analyte	Result (varies)	Qualifier
Soil				**Result (mg/kg)**	
VB-21	6/13/2017	10	N-BUTYL BENZENE	0.31	H
			SEC-BUTYL BENZENE	0.082	H
			ISPROPYLBENZENE	0.12	
			NAPHTHALENE	0.31	
			N-PROPYLBENZENE	0.5	
			TPH-G	140	S
			TPH-D	6.6	
		13	N-BUTYL BENZENE	0.086	H
			SEC-BUTYL BENZENE	0.027	H
			N-PROPYLBENZENE	0.12	H
			TPH-G	23	
			TPH-D	1.1	
Groundwater				**Result (□g/L)**	
VB-4	6/13/2017	5	BENZENE	17	
			T-BUTYL ALCOHOL (TBA)	11	
			ETHYLBENZENE	4	
			TOLUENE	1.1	
			XYLENES, TOTAL	1.7	
			NAPHTHALENE	8.4	
			TPH-G	2,200	S
			TPH-D	710	
VB-5	6/13/2017	5	BENZENE	91	
			ETHYLBENZENE	93	
			XYLENES, TOTAL	25	
			NAPHTHALENE	130	
			TPH-G	5,000	S
			TPH-D	4,400	
			TPH-MO	420	
VB-17	6/13/2017	5	BENZENE	6.0	
			ETHYLBENZENE	18	
			XYLENES, TOTAL	1.4	
			NAPHTHALENE	2.6	
			TPH-G	4100	S
			TPH-D	1,400	
VB-18	6/13/2017	5	ETHYLBENZENE	3	
			XYLENES, TOTAL	0.92	
			NAPHTHALENE	1.6	
			TPH-G	160	
			TPH-D	260	

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TABLE 8
Summary of Compounds Detected

Zimmerman Property
3442 Adeline Street
Oakland, CA 94608

Sample Location	Sample Date	Sample Depth (feet bgs)	Analyte	Result (varies)	Qualifier
VB-19	6/13/2017	5	BENZENE	83.0	
			ETHYLBENZENE	40	
			NAPHTHALENE	54	
			TPH-G	9,500	S
			TPH-D	2,200	
VB-20	6/13/2017	5	BENZENE	5.7	
			TERT-BUTYL ALCOHOL (TBA)	13	
			ETHYLBENZENE	0.72	
			TOLUENE	5.6	
			XYLENES, TOTAL	1.1	
			TPH-G	200	S
			TPH-D	65	
VB-21	6/13/2017	5	BENZENE	600.0	
			ETHYLBENZENE	150	
			NAPHTHALENE	620	
			TPH-G	29,000	S
			TPH-D	240,000	
Soil Vapor				**Result (□g/m3)**	
VB-4	6/13/2017	5	BENZENE	17	
			T-BUTYL ALCOHOL (TBA)	11	
			ETHYLBENZENE	4	
			TOLUENE	1.1	
			XYLENES, TOTAL	1.7	
VB-5	6/19/2017	5	TPH-G	16,300	
			BENZENE	9.61	
			ETHYLBENZENE	23.6	
			TOLUENE	25.8	
			M&P-XYLENE	83.2	
			O-XYLENE	41.2	
VB-7	6/15/2017	5	TPH-G	2,060	
			BENZENE	3.47	
VB-9	6/15/2017		TPH-G	7,910,000	
			ETHYLBENZENE	385	
			MTBE	169	
			TOLUENE	847	
			M&P-XYLENE	741	
			O-XYLENE	297	
VB-10	6/15/2017	5	TPH-G	4,920	
			ETHYLBENZENE	3.35	
			TOLUENE	12.3	
			M&P-XYLENE	9.73	
			O-XYLENE	4.96	

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TABLE 8
Summary of Compounds Detected

Zimmerman Property
3442 Adeline Street
Oakland, CA 94608

Sample Location	Sample Date	Sample Depth (feet bgs)	Analyte	Result (varies)	Qualifier
VB-12	6/15/2017	5	TPH-G	1,740,000	
			BENZENE	1,280	
			ETHYLBENZENE	311	
			TOLUENE	231	
			M&P-XYLENE	974	
			O-XYLENE	314	
VB-16	6/19/2017	5	TPH-G	2,330	
			BENZENE	1.64	
			TOLUENE	4.91	
			M&P-XYLENE	4.98	
			O-XYLENE	2.81	
VB-17	6/15/2017	5	TPH-G	22,700	
			BENZENE	27.2	
			ETHYLBENZENE	13.6	
			TOLUENE	55.3	
			M&P-XYLENE	38.8	
			O-XYLENE	13.9	
VB-18	6/15/2017	5	TPH-G	1510	
			BENZENE	1.94	
			TOLUENE	8.60	
			M&P-XYLENE	4.58	
			O-XYLENE	2.05	
VB-19	6/19/2017	5	TPH-G	2,420	
			BENZENE	2.49	
			ETHYLBENZENE	5.82	
			TOLUENE	29.4	
			M&P-XYLENE	36.9	
			O-XYLENE	11.7	
VB-20	6/15/2017	5	TPH-G	3,380	
			BENZENE	7.86	
			ETHYLBENZENE	6.23	
			TOLUENE	50.8	
			M&P-XYLENE	30.1	
			O-XYLENE	8.18	
VB-21	6/15/2017	5	TPH-G	9,590	
			BENZENE	81.7	
			ETHYLBENZENE	56.7	
			TOLUENE	644	
			M&P-XYLENE	215	
			O-XYLENE	57.6	
VB-22	6/15/2017	5	TPH-G	6,580	
			BENZENE	26.7	
			ETHYLBENZENE	1.93	
			TOLUENE	7.43	

Notes:

mg/kg	miligrams of analyte per kilogram of sample
bgs	below ground surface
BOLD	analyte present above the applicable comparizon value
--	not established
*	use combined C22-C32 and C32-C40 values against the comparison value

Qualifiers:

B:	The same analyte is found in the associated blank
J:	The identification of the analyte is acceptable; the reported value is an estimate due to being lower than the Reported Detection Limit

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APPENDIX A

PERMITS

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JOB SITE

Permits for which no major inspection [redacted] final.

- SL and X permits valid 90 days
- CGS permit valid 30 days

CHECK REVERSE

CITY OF OAKLAND

DEPT OF PUBLIC WORKS 4th FLOOR

250 FRANK H. OGAWA PLAZA ▪ [redacted] ▪ OAKLAND, CA 94612

Planning and Building Department
www.oaklandnet.com

To schedule inspection
Email: pwa_inspections@oaklandnet.com or call 510-238-3651

[redacted]

Permit No: X1700673 OPW - Excavation **Filed Date:** 6/13/2017

Job Site: 3433 CHESTNUT ST

[redacted]

Parcel No: 005 047800501

District:

For SL; X; and CGS permits see **SPECIAL NOTE** below

Project Description: Soil sampling along Chestnut Street. No impact on traffic lane or sidewalk allowed. Please see Map.
Ensure that environmental controls are in place to prevent dust/debris/waste water from contaminating environment. Additional permits/fees may be required including permits from outside agencies/utility companies. If working within 25' feet of a monument you must comply with State Law 8771, contact the Inspector prior to starting excavation: minimum $5,800.00 fine for non-compliance. Comply with all terms of City of Oakland Public Works Standards, Street Excavation Rules, Revised March 2015 and City Council Ordinance No. 13300 C.M.S. Five day prior notice required for work lasting five days or less in business/commercial districts; 72 hour notice in residential districts. Ten day prior notice required for work lasting six days or more in all districts.
Call PWA INSPECTION prior to start: 510-238-3651. email PWA_inspections@oaklandnet.com.
Contact: 281-250-5856

Related Permits:

ADDRESS

	Name	Applicant	Address	Phone	License #
Owner:	ZIMMERMAN STEFFI R TR		3289 LOMAS VERDES PL LAFAYETTE, CA		
Contractor:	ALL ENVIRONMENTAL INC		2500 CAMINO DIABLO STE 100 WALNUT CREEK, CA	(925) 761-6071	654919
Contractor-Employee:	JOHNATHAN E. SANDERS	X	2500 CAMINO DIABLO STE 100 WALNUT CREEK, CA	281-250-5856	

APPLICATION

PERMIT DETAILS: Building/Public Infrastructure/Excavation/NA

General Information

Excavation Type: Private Party
Special Paving Detail Required:
Tree Removal Involved:
Date Street Last Resurfaced:
Holiday Restriction (Nov 1 - Jan 1):
Worker's Compensation Company Name:
Limited Operation Area (7AM-9AM) And (4PM-6PM):
Worker's Compensation Policy #:

Key Dates

Approximate Start Date:
Approximate End Date:

YL 6/13

TOTAL FEES TO BE PAID AT FILING: $449.09

Application Fee	$70.00	Excavation - Private Party Type	$321.36	Records Management Fee	$37.18
Technology Enhancement Fee	$20.55				

SPECIAL NOTE

- SL, X, and CGS permits: prior to start, email pwa_inspections@oaklandnet.com or call 510-238-3651
- SL and X permits valid 90 days
- CGS permit valid 30 days

CITY OF OAKLAND

#75520-17-06/13/17-Check

449.09

Alameda County Public Works Agency - Water Resources Well Permit

Public Works Agency
Alameda County

399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 06/13/2017 By jamesy

Permit Numbers: W2017-0494 to W2017-0495
Permits Valid from 06/13/2017 to 06/14/2017

Application Id: 1496846541077
City of Project Site: Oakland
Site Location: 3442 Adeline Street
Project Start Date: 06/13/2017
Completion Date: 06/14/2017
Assigned Inspector: Contact Marcelino Vialpando at (510) 670-5760 or Marcelino@acpwa.org

Applicant: AEI Consultants - William Banker-Hix
2500 Camino Diablo, Walnut Creek, CA 94595
Phone: 925-746-6050

Property Owner: Family Trust Zimmerman
3289 Lomas Verdes Place, Lafayette, CA 94549
Phone: 925-891-4428

Client: Steffi Zimmerman
3289 Lomas Verdes Place, Lafayette, CA 94549
Phone: 925-891-4428

Contact: William Banker-Hix
Phone: 805-674-7835
Cell: 925-746-6050

Total Due: $530.00
Receipt Number: WR2017-0272 **Total Amount Paid:** $530.00
Payer Name : 42668414839151 44 Paid By: VISA **PAID IN FULL**

Works Requesting Permits:

Borehole(s) for Investigation-Environmental/Monitorinig Study - 8 Boreholes
Driller: Environmental Control Associates - Lic #: 695970 - Method: DP **Work Total: $265.00**

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2017-0494	06/13/2017	09/11/2017	8	2.25 in.	15.00 ft

Specific Work Permit Conditions

1. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site. The containers shall be clearly labeled to the ownership of the container and labeled hazardous or non-hazardous.

2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.

3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.

4. Applicant shall contact assigned inspector listed on the top of the permit at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

5. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of $500.00.

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6. Electronic Reporting Regulations (Chapter 30, Division 3 of Title 23 & Division 3 of Title 27, CCR) require electronic submission of any report or data required by a regulatory agency from a cleanup site. Submission dates are set by a Regional Water Board or by a regulatory agency. Once a report/data is successfully uploaded, as required, you have met the reporting requirement (i.e. the compliance measure for electronic submittals is the actual upload itself). The upload date should be on or prior to the regulatory due date.

7. NOTE:
Under California laws, the owner/operator are responsible for reporting the contamination to the governmental regulatory agencies under Section 25295(a). The owner/operator is liable for civil penalties under Section 25299(a)(4) and criminal penalties under Section 25299(d) for failure to report a leak. The owner/operator is liable for civil penalties under Section 25299(b)(4) for knowing failure to ensure compliance with the law by the operator. These penalty provisions do not apply to a potential buyer.

8. Prior to any drilling activities onto any public right-of-ways, it shall be the applicants responsibilities to contact and coordinate a Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits required for that City or to the County and follow all City or County Ordinances. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County a Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

9. Permit is valid only for the purpose specified herein. No changes in construction procedures, as described on this permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.

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Well Construction-Vapor monitoring well-Vapor monitoring well - 8 Wells
Driller: ECA - Lic #: 695970 - Method: DP **Work Total: $265.00**

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth
W2017-0495	06/13/2017	09/11/2017	VB-05	1.50 in.	1.00 in.	0.50 ft	5.50 ft
W2017-0495	06/13/2017	09/11/2017	VB-17	1.50 in.	1.00 in.	0.50 ft	5.50 ft
W2017-0495	06/13/2017	09/11/2017	VB-18	1.50 in.	1.00 in.	0.50 ft	5.50 ft
W2017-0495	06/13/2017	09/11/2017	VB-19	1.50 in.	1.00 in.	0.50 ft	5.50 ft
W2017-0495	06/13/2017	09/11/2017	VB-20	1.50 in.	1.00 in.	0.50 ft	5.50 ft
W2017-0495	06/13/2017	09/11/2017	VB-21	1.50 in.	1.00 in.	0.50 ft	5.50 ft
W2017-0495	06/13/2017	09/11/2017	VB-22	1.50 in.	1.00 in.	0.50 ft	5.50 ft
W2017-0495	06/13/2017	09/11/2017	VB-47	1.50 in.	1.00 in.	0.50 ft	5.50 ft

Specific Work Permit Conditions

1. Drilling Permit(s) can be voided/ cancelled only in writing. It is the applicant's responsibility to notify Alameda County Public Works Agency, Water Resources Section in writing for an extension or to cancel the drilling permit application. No drilling permit application(s) shall be extended beyond ninety (90) days from the original start date. Applicants may not cancel a drilling permit application after the completion date of the permit issued has passed.

2. Compliance with the above well-sealing specifications shall not exempt the well-sealing contractor from complying with

appropriate state reporting-requirements related to well destruction (Sections 13750 through 13755 (Division 7, Chapter 10, Article 3) of the California Water Code). Contractor must complete State DWR Form 188 and mail original to the Alameda County Public Works Agency, Water Resources Section, within 30 days, including permit number and site map.

3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.

4. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways or be allowed to move off the property where work is being completed.

5. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County an Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

6. Applicant shall submit the copies of the approved encroachment permit to this office within 10 days.

7. Applicant shall contact assigned inspector listed on the top of the permit at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

8. Wells shall have a Christy box or similar structure with a locking cap or cover. Well(s) shall be kept locked at all times. Well(s) that become damaged by traffic or construction shall be repaired in a timely manner or destroyed immediately (through permit process). No well(s) shall be left in a manner to act as a conduit at any time.

9. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of $500.00.

10. Electronic Reporting Regulations (Chapter 30, Division 3 of Title 23 & Division 3 of Title 27, CCR) require electronic submission of any report or data required by a regulatory agency from a cleanup site. Submission dates are set by a Regional Water Board or by a regulatory agency. Once a report/data is successfully uploaded, as required, you have met the reporting requirement (i.e. the compliance measure for electronic submittals is the actual upload itself). The upload date should be on or prior to the regulatory due date.

11. Vapor monitoring wells above water level constructed with tubing maybe be backfilled with pancake-batter consistency bentonite. Minimum surface seal thickness is two inches of cement grout around well box.

Vapor monitoring wells above water level constructed with pvc pipe shall have a minimum seal depth (Neat Cement Seal) of 2 feet below ground surface (BGS). Minimum surface seal thickness is two inches of cement grout around well box. All other conditions for monitoring well construction shall apply.

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811 express

Your ticket number is X715601056-00X. and will be active untill 07/03/2017 11:59 PM. If your work is going to continue past that date, contact USA North 811 to extend your ticket. If at any time you need your dig site remarked, it is your responsibility to contact USA North 811 and request your site to be remarked.

After our members have responded to your request, it is your responsibility to notify USA North if you need the members to re-mark their facilties.

If you excavate and damage facilities prior to our Member' response to mark their facilities, you may be liable for those damages.

You can also get a copy of your ticket by going to: www.usanorth811.org and selecting Ticket Copy

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Contact Information

Service Area	Day Phone	Emergenc Phone
AT&T TRANSMISSION CAL	800-241-3624	800-241-3624
COMCAST-OAKLAND	510-887-1300	888-824-8399
CITY EMERYVILLE ENGR	510-596-4330	510-508-9895
CITY OAKLAND CONST DEPT		510-772-8134
EAST BAY WATER		510-287-0600
EAST BAY WATER		

EAST BAY WATER OAKLAND 2		
EAST BAY WATER RICHMOND		
ICG ACCESS SVCS 2		
I C G ACCESS SVCS,INC		510-772-8488
MCI WORLDCOM	919-414-2782	800-624-9675
MPOWER COMMUNICATIONS	916-431-0225	510-772-8488
PACIFIC BELL		510-645-2929
PGE DISTR OAKLAND	510-437-2153	800-743-5000
SPRINT	913-794-5141	800-521-0579
TREASURE ISL UTIL OPS	415-274-0333	415-550-4956
XO COMM SVCS DBA XO COMM		323-376-3326
XO COMM SVCS DBA XO COMM	801-364-1063	408-980-0201

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Enter another locate

Exit to USAN811 website

APPENDIX B

BORING LOGS

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AEI Consultants
Environmental & Engineering Services

AEI CONSULTANTS
2500 CAMINO DIABLO
WALNUT CREEK CA 94597-3998
Telephone: 925-746-6000
Fax: 925-746-6099

BORING NUMBER VB-4

CLIENT Steffi Zimmerman Trust
PROJECT NAME Zimmerman
PROJECT NUMBER 281939
PROJECT LOCATION 3442 Adeline Street, Oakland, California
DATE STARTED 6/12/17 **COMPLETED** 6/12/17
GROUND ELEVATION **HOLE SIZE** 2.25 inches
DRILLING CONTRACTOR Environmental Control Associates, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Direct Push
AT TIME OF DRILLING 10.00 ft
LOGGED BY Nathan Bricker **CHECKED BY**
AT END OF DRILLING ---
NOTES
AFTER DRILLING 7.50 ft

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0					ASPHALT (0.8)	5" O.D. TRAFFIC RATED WELL BOX CONCRETE; NEAT CEMENT GROUT
	VB-4-4				CLAY (CH), black (2/1 10YR), stiff, moist, high plasticity (5.5)	DRY BENTONITE
5					CLAY (CH), olive (4/4 10Y), medium stiff, moist, high plasticity (6.5)	#3 MONTEREY SAND; 1 1/2" POROUS POLYETHYLENE VAPOR IMPLANT
	VB-4-7				GRAVEL (GP) with clay, olive (4/4 10Y), loose, moist. about 85% poorly sorted gravel (7.5)	
					CLAY (CH), pale brown (6/3 10YR), stiff, moist, high plasticity (10.0)	
10	VB-4-10		200.4		GRAVELLY CLAY (CL), olive (4/4 10Y), medium stiff, wet, low plasticity, about 30% gravel (12.0)	
					CLAY (CH), olive (4/4 10Y), medium stiff, wet, low plasticity (13.0)	

Bottom of borehole at 13.0 feet.

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AEI Consultants
Environmental & Engineering Services

AEI CONSULTANTS
2500 CAMINO DIABLO
WALNUT CREEK CA 94597-3998
Telephone: 925-746-6000
Fax: 925-746-6099

BORING NUMBER VB-5

CLIENT Steffi Zimmerman Trust
PROJECT NAME Zimmerman
PROJECT NUMBER 281939
PROJECT LOCATION 3442 Adeline Street, Oakland, California
DATE STARTED 6/12/17 **COMPLETED** 6/12/17
GROUND ELEVATION **HOLE SIZE** 2.25 inches
DRILLING CONTRACTOR Environmental Control Associates, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Direct Push
AT TIME OF DRILLING ---
LOGGED BY Nathan Bricker **CHECKED BY**
AT END OF DRILLING ---
NOTES
AFTER DRILLING 10.30 ft

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0					ASPHALT (0.8)	5" O.D. TRAFFIC RATED WELL BOX CONCRETE; NEAT CEMENT GROUT
					CLAY (CH), black (2/1 10YR), stiff, moist, high plasticity	
	VB-5-4					DRY BENTONITE
5						#3 MONTEREY SAND; 1 1/2" POROUS POLYETHYLENE VAPOR IMPLANT
	VB-5-7		16.6		GRAVELLY CLAY (CL), yellowish brown (5/6 10YR), medium stiff, moist, low plasticity, about 15% gravel, wet after 7 feet (6.5–7.5)	
					CLAY (CH), olive (4/4 10Y), stiff, wet, high plasticity	
10	VB-5-10					
					(13.0)	

Bottom of borehole at 13.0 feet.

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WALNUT CREEK CA 94597-3998
Telephone: 925-746-6000
Fax: 925-746-6099

BORING NUMBER VB-17

CLIENT Steffi Zimmerman Trust
PROJECT NAME Zimmerman
PROJECT NUMBER 281939
PROJECT LOCATION 3442 Adeline Street, Oakland, California
DATE STARTED 6/12/17 **COMPLETED** 6/12/17
GROUND ELEVATION **HOLE SIZE** 2.25 inches
DRILLING CONTRACTOR Environmental Control Associates, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Direct Push
AT TIME OF DRILLING 15.50 ft
LOGGED BY Nathan Bricker **CHECKED BY**
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0					CONCRETE (0.8)	5" O.D. TRAFFIC RATED WELL BOX; CONCRETE; NEAT CEMENT GROUT
					CLAY (CH), black (2/1 10YR), stiff, moist, high plasticity (4.0)	DRY BENTONITE
5	VB-17-5		0.8		GRAVELLY CLAY (CL), brown (4/4 10YR), stiff, moist, around 30% gravel, low plasticity (6.5)	#3 MONTEREY SAND; 1 1/2" POROUS POLYETHYLENE VAPOR IMPLANT
	VB-17-8		2.0		CLAY (CH) , olive (4/4 10Y), stiff, moist, high plasticity (14.5)	
10	VB-17-11		3.1			
	VB-17-14		2.9			
15					GRAVELLY CLAY (CL) , olive (4/4 10Y), stiff, moist, about 30% gravel, medium plasticity, wet after 15 feet (19.0)	

Bottom of borehole at 19.0 feet.

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Environmental & Engineering Services

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2500 CAMINO DIABLO
WALNUT CREEK CA 94597-3998
Telephone: 925-746-6000
Fax: 925-746-6099

BORING NUMBER VB-18

CLIENT Steffi Zimmerman Trust
PROJECT NAME Zimmerman
PROJECT NUMBER 281939
PROJECT LOCATION 3442 Adeline Street, Oakland, California
DATE STARTED 6/12/17 **COMPLETED** 6/12/17
GROUND ELEVATION **HOLE SIZE** 2.25 inches
DRILLING CONTRACTOR Environmental Control Associates, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Direct Push
AT TIME OF DRILLING 16.00 ft
LOGGED BY Nathan Bricker **CHECKED BY**
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0					CONCRETE (0.8)	5" O.D. TRAFFIC RATED WELL BOX; CONCRETE
					CLAY (CH), black (2/1 10YR), medium stiff, moist, high plasticity (2.5)	NEAT CEMENT GROUT
					SAND (SP) with clay, brown (4/3 10YR), moist, stiff, about 55% poorly graded sand, low plasticity	DRY BENTONITE
5	VB-18-5		3.3			#3 MONTEREY SAND; 1 1/2" POROUS POLYETHYLENE VAPOR IMPLANT
					(8.5)	
	VB-18-9		4.1		CLAY (CH), olive (4/4 10Y), moist, stiff, high plasticity	
10						
	VB-18-12.5		100.5			
15	VB-18-15		26.2		(16.0 ▽)	
					SANDY CLAY (CL), olive (4/4 10Y), moist, stiff, about 30% coarse grained sand, high plasticity	
20					(21.0)	

Bottom of borehole at 21.0 feet.

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2500 CAMINO DIABLO
WALNUT CREEK CA 94597-3998
Telephone: 925-746-6000
Fax: 925-746-6099

BORING NUMBER VB-19

CLIENT Steffi Zimmerman Trust
PROJECT NAME Zimmerman
PROJECT NUMBER 281939
PROJECT LOCATION 3442 Adeline Street, Oakland, California
DATE STARTED 6/12/17 **COMPLETED** 6/12/17
GROUND ELEVATION **HOLE SIZE** 2.25 inches
DRILLING CONTRACTOR Environmental Control Associates, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Direct Push
AT TIME OF DRILLING 16.00 ft
LOGGED BY Nathan Bricker **CHECKED BY**
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0					CONCRETE (0.8)	5" O.D. TRAFFIC RATED WELL BOX; CONCRETE
					CLAY (CH), black (2/1 10YR), medium stiff, moist, high plasticity (3.0)	NEAT CEMENT GROUT
	VB-19-4		1.6		CLAY (CH), brown (4/3 10YR), medium stiff, moist, high plasticity (4.5)	DRY BENTONITE
5					SANDY CLAY (CL) interbedded sand and clay, dark yellowish brown (3/4 10YR), firm or stiff depending on matrix, moist, low plasticity, coarse sand (7.5)	#3 MONTEREY SAND; 1 1/2" POROUS POLYETHYLENE VAPOR IMPLANT
	VB-19-7		1.0			
					SANDY CLAY (CL), olive (4/4 10Y), moist, stiff, medium plasticity, about 10% sand (14.0)	
10	VB-19-1		9.5			
	VB-19-13		63.6			
15					SANDY CLAY (CL), brown (4/3 10YR), moist, stiff, medium plasticity, about 10% sand, wet after 6 feet (19.0)	
	VB-19-16		5.6			

Bottom of borehole at 19.0 feet.

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Environmental & Engineering Services

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2500 CAMINO DIABLO
WALNUT CREEK CA 94597-3998
Telephone: 925-746-6000
Fax: 925-746-6099

BORING NUMBER VB-20

CLIENT Steffi Zimmerman Trust
PROJECT NAME Zimmerman
PROJECT NUMBER 281939
PROJECT LOCATION 3442 Adeline Street, Oakland, California
DATE STARTED 6/12/17 **COMPLETED** 6/12/17
GROUND ELEVATION **HOLE SIZE** 2.25 inches
DRILLING CONTRACTOR Environmental Control Associates, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Direct Push
AT TIME OF DRILLING 15.60 ft
LOGGED BY Nathan Bricker **CHECKED BY**
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0					CONCRETE 0.8	5" O.D. TRAFFIC RATED WELL BOX; CONCRETE; NEAT CEMENT GROUT
	VB-20-4		1.1		CLAY (CH) with trace gravel, black (2/1 10YR), moist, medium stiff, high plasticity 4.0	DRY BENTONITE
5					GRAVELLY SILT (ML), light gray (7/1 10YR), stiff, dry, no plasticity, about 30% gravel 6.5	#3 MONTEREY SAND; 1 1/2" POROUS POLYETHYLENE VAPOR IMPLANT
	VB-20-8		0.7		SILTY SAND (SP), dark yellowish brown (4/6 10YR), moist, firm, about 70% coarse sand, non-plastic 8.5	
10					CLAY (CH), grayish green (5/2 5GY), moist, high plasticity, firm 13.0	
	VB-20-12		13.4			
15	VB-20-15				CLAY (CH), yellowish brown (5/6 10YR), moist, high plasticity, firm, wet after 15 feet 18.0	

Bottom of borehole at 18.0 feet.

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AEI Consultants
Environmental & Engineering Services

AEI CONSULTANTS
2500 CAMINO DIABLO
WALNUT CREEK CA 94597-3998
Telephone: 925-746-6000
Fax: 925-746-6099

BORING NUMBER VB-21

CLIENT Steffi Zimmerman Trust
PROJECT NAME Zimmerman
PROJECT NUMBER 281939
PROJECT LOCATION 3442 Adeline Street, Oakland, California
DATE STARTED 6/12/17 **COMPLETED** 6/12/17
GROUND ELEVATION **HOLE SIZE** 2.25 inches
DRILLING CONTRACTOR Environmental Control Associates, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Direct Push
AT TIME OF DRILLING ---
LOGGED BY Nathan Bricker **CHECKED BY**
AT END OF DRILLING ---
NOTES
AFTER DRILLING 9.46 ft

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0					CONCRETE (0.8)	5" O.D. TRAFFIC RATED WELL BOX; CONCRETE; NEAT CEMENT GROUT
					CLAY (CH), black (2/1 10YR), moist, stiff, high plasticity (4.5)	
	VB-21-4		1.9			DRY BENTONITE
5					CLAY (CH), brown (4/4 10YR), moist, stiff, high plasticity (6.0)	#3 MONTEREY SAND; 1 1/2" POROUS POLYETHYLENE VAPOR IMPLANT
	VB-21-7		0.5		SANDY CLAY (CL) with gravel, brown (4/4 10YR), soft, moist, about 30% sand, about 30% gravel, low plasticity (8.0)	
					CLAY (CH), olive (4/4 10Y), stiff, moist, high plasticity (14.0)	
10	VB-21-10		50.4			
	VB-21-13		224.5			
15					CLAY (CH), grayish green (5/4 5GY), stiff, moist, high plasticity (17.0)	
	VB-21-16		12.0			

Bottom of borehole at 17.0 feet.

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AEI BORING - GINT STD US LAB.GDT - 9/6/17 15:10 - P:\COMPANYWIDE PROJECTS\280000 SERIES\281939 OAKLAND, CA\SM\281939 ZIMMERMAN PM\DELIVERABLES\2017 06 - DATA GAP INVESTIGATION\03_APPENDICIES\SOIL LOGS\BORING LOGS.GPJ

AEI Consultants
Environmental & Engineering Services

AEI CONSULTANTS
2500 CAMINO DIABLO
WALNUT CREEK CA 94597-3998
Telephone: 925-746-6000
Fax: 925-746-6099

BORING NUMBER VB-22

CLIENT Steffi Zimmerman Trust
PROJECT NAME Zimmerman
PROJECT NUMBER 281939
PROJECT LOCATION 3442 Adeline Street, Oakland, California
DATE STARTED 6/12/17 **COMPLETED** 6/12/17
GROUND ELEVATION **HOLE SIZE** 2.25 inches
DRILLING CONTRACTOR Environmental Control Associates, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Direct Push
AT TIME OF DRILLING 9.25 ft
LOGGED BY Nathan Bricker **CHECKED BY**
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS	PID DATA (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	COMPLETION
0					CONCRETE (0.8)	5" O.D. TRAFFIC RATED WELL BOX CONCRETE
	VB-22-2		0.2		GRAVELLY SILT (ML), fill material, brown (4/3 10 YR), loose or very soft where appropriate, dry, about 30% poorly graded gravel, non-plastic (2.0)	NEAT CEMENT GROUT
					GRAVEL (GP), fill material, ligh gray (7/1 10YR), dry loose, poorly graded, angular (2.3)	
					CLAY (CL), black (2/1 10YR), moist, stiff, medium plasticity	DRY BENTONITE
5						#3 MONTEREY SAND
	VB-22-6		0.3			1 1/2" POROUS POLYETHYLENE VAPOR IMPLANT
	VB-22-9		1.0			
10					(10.0)	

Bottom of borehole at 10.0 feet.

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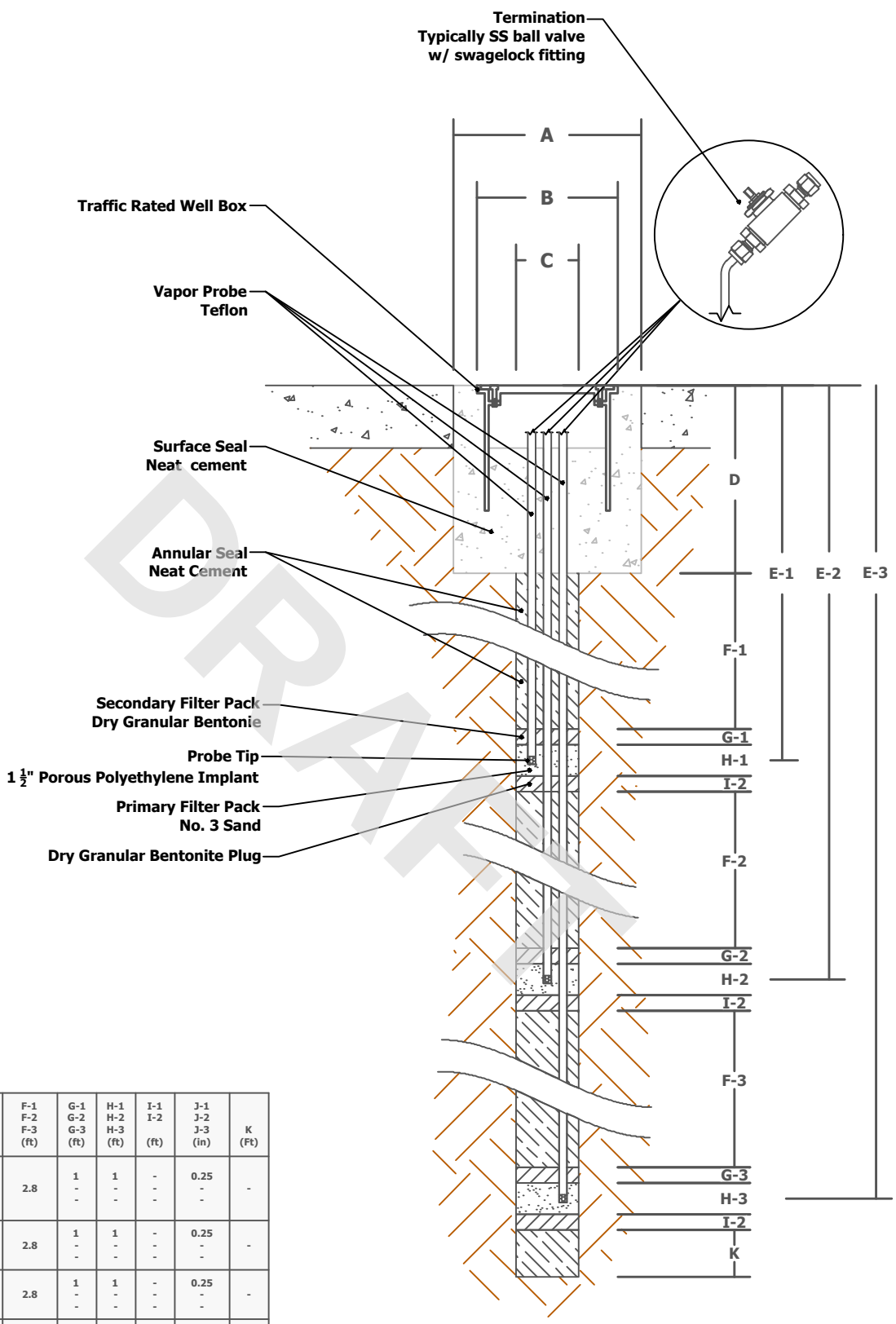
APPENDIX C

SOIL VAPOR PROBE CONSTRUCTION

DRAFT

P:\Companywide Projects\280000 Series\281939 Oakland, CA\SM\281939 Zimmerman PM\Deliverables\2017 06 - Data Gap Investigation\01_Figures\Conceptual Vapor Probe - 09/06/2017



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A: Core Diameter
B: Well Box Diameter
C: Borehole Diameter
D: Suface Completion
E: Total Probe Depth
F: Annular Seal
G: Secondary Filter Pack
H: Primary Filter Pack
I: Bentonite Plug
J: Probe Diameter
K: Overbore Seal

Vapor Probe ID	A (in)	B (in)	C (in)	D (ft)	E-1 E-2 E-3 (ft)	F-1 F-2 F-3 (ft)	G-1 G-2 G-3 (ft)	H-1 H-2 H-3 (ft)	I-1 I-2 (ft)	J-1 J-2 J-3 (in)	K (Ft)
VP-4	6	5	2	0.7	5 - -	2.8	1 - -	1 - -	- - -	0.25 - -	-
VP-5	6	5	2	0.7	5 - -	2.8	1 - -	1 - -	- - -	0.25 - -	-
VP-17	6	5	2	0.7	5 - -	2.8	1 - -	1 - -	- - -	0.25 - -	-
VP-18	6	5	2	0.7	5 - -	2.8	1 - -	1 - -	- - -	0.25 - -	-
VP-19	6	5	2	0.7	5 - -	2.8	1 - -	1 - -	- - -	0.25 - -	-
VP-20	6	5	2	0.7	5 - -	2.8	1 - -	1 - -	- - -	0.25 - -	-
VP-21	6	5	2	0.7	5 - -	2.8	1 - -	1 - -	- - -	0.25 - -	-
VP-22	6	5	2	0.7	5 - -	2.8	1 - -	1 - -	- - -	0.25 - -	-

Not for Construction: Diagram not to scale

AEI Consultants

2500 Camino Diablo, Walnut Creek, California

Conceptual Vapor Probe Installation

Former Dynasty Cleaners
293-295 MacArthur Blvd
San Leandro, California

FIGURE A
Project No. 281939

APPENDIX D

LABORATORY ANALYTICAL AND CHAIN OF CUSTODY DOCUMENTATION

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McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 1706675

Report Created for: AEI Consultants

2500 Camino Diablo, Ste.#200
Walnut Creek, CA 94597

Project Contact: Jonathan Sanders
Project P.O.: 134736
Project Name: 281939; Zimmerman, 3442 Adeline St. Oakland, CA

Project Received: 06/14/2017

Analytical Report reviewed & approved for release on 06/21/2017 by:

Angela Rydelius,
Laboratory 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.

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McCampbell Analytical, Inc.
"When Quality Counts"

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: AEI Consultants
Project: 281939; Zimmerman, 3442 Adeline St. Oakland, CA
WorkOrder: 1706675

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
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
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
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

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Glossary of Terms & Qualifier Definitions

Client: AEI Consultants
Project: 281939; Zimmerman, 3442 Adeline St. Oakland, CA
WorkOrder: 1706675

Analytical Qualifiers

S	Surrogate spike recovery outside accepted recovery limits
c4	Surrogate recovery outside of the control limits due to coelution with another peak(s) / cluttered chromatogram.
d1	Weakly modified or unmodified gasoline is significant

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:	AEI Consultants	**WorkOrder:**	1706675
Date Received:	6/14/17 15:20	**Extraction Method:**	SW5030B
Date Prepared:	6/15/17-6/21/17	**Analytical Method:**	SW8260B
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-1	**1706675-001B**	**Water**	**06/13/2017 13:57**	**GC18**	**140572**

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	10	1	06/15/2017 14:39
tert-Amyl methyl ether (TAME)	ND	0.50	1	06/15/2017 14:39
Benzene	ND	0.50	1	06/15/2017 14:39
Bromobenzene	ND	0.50	1	06/15/2017 14:39
Bromochloromethane	ND	0.50	1	06/15/2017 14:39
Bromodichloromethane	ND	0.50	1	06/15/2017 14:39
Bromoform	ND	0.50	1	06/15/2017 14:39
Bromomethane	ND	0.50	1	06/15/2017 14:39
2-Butanone (MEK)	ND	2.0	1	06/15/2017 14:39
t-Butyl alcohol (TBA)	ND	2.0	1	06/15/2017 14:39
n-Butyl benzene	ND	0.50	1	06/15/2017 14:39
sec-Butyl benzene	ND	0.50	1	06/15/2017 14:39
tert-Butyl benzene	ND	0.50	1	06/15/2017 14:39
Carbon Disulfide	ND	0.50	1	06/15/2017 14:39
Carbon Tetrachloride	ND	0.50	1	06/15/2017 14:39
Chlorobenzene	ND	0.50	1	06/15/2017 14:39
Chloroethane	ND	0.50	1	06/15/2017 14:39
Chloroform	**0.98**	0.50	1	06/15/2017 14:39
Chloromethane	ND	0.50	1	06/15/2017 14:39
2-Chlorotoluene	ND	0.50	1	06/15/2017 14:39
4-Chlorotoluene	ND	0.50	1	06/15/2017 14:39
Dibromochloromethane	ND	0.50	1	06/15/2017 14:39
1,2-Dibromo-3-chloropropane	ND	0.20	1	06/15/2017 14:39
1,2-Dibromoethane (EDB)	ND	0.50	1	06/15/2017 14:39
Dibromomethane	ND	0.50	1	06/15/2017 14:39
1,2-Dichlorobenzene	ND	0.50	1	06/15/2017 14:39
1,3-Dichlorobenzene	ND	0.50	1	06/15/2017 14:39
1,4-Dichlorobenzene	ND	0.50	1	06/15/2017 14:39
Dichlorodifluoromethane	ND	0.50	1	06/15/2017 14:39
1,1-Dichloroethane	ND	0.50	1	06/15/2017 14:39
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	06/15/2017 14:39
1,1-Dichloroethene	ND	0.50	1	06/15/2017 14:39
cis-1,2-Dichloroethene	ND	0.50	1	06/15/2017 14:39
trans-1,2-Dichloroethene	ND	0.50	1	06/15/2017 14:39
1,2-Dichloropropane	ND	0.50	1	06/15/2017 14:39
1,3-Dichloropropane	ND	0.50	1	06/15/2017 14:39
2,2-Dichloropropane	ND	0.50	1	06/15/2017 14:39

(Cont.)

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706675
Date Received:	6/14/17 15:20	**Extraction Method:**	SW5030B
Date Prepared:	6/15/17-6/21/17	**Analytical Method:**	SW8260B
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-1	**1706675-001B**	**Water**	**06/13/2017 13:57**	**GC18**	**140572**

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	06/15/2017 14:39
cis-1,3-Dichloropropene	ND	0.50	1	06/15/2017 14:39
trans-1,3-Dichloropropene	ND	0.50	1	06/15/2017 14:39
Diisopropyl ether (DIPE)	ND	0.50	1	06/15/2017 14:39
Ethylbenzene	ND	0.50	1	06/15/2017 14:39
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	06/15/2017 14:39
Freon 113	ND	0.50	1	06/15/2017 14:39
Hexachlorobutadiene	ND	0.50	1	06/15/2017 14:39
Hexachloroethane	ND	0.50	1	06/15/2017 14:39
2-Hexanone	ND	0.50	1	06/15/2017 14:39
Isopropylbenzene	ND	0.50	1	06/15/2017 14:39
4-Isopropyl toluene	ND	0.50	1	06/15/2017 14:39
Methyl-t-butyl ether (MTBE)	ND	0.50	1	06/15/2017 14:39
Methylene chloride	ND	0.50	1	06/15/2017 14:39
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	06/15/2017 14:39
Naphthalene	ND	0.50	1	06/15/2017 14:39
n-Propyl benzene	ND	0.50	1	06/15/2017 14:39
Styrene	ND	0.50	1	06/15/2017 14:39
1,1,1,2-Tetrachloroethane	ND	0.50	1	06/15/2017 14:39
1,1,2,2-Tetrachloroethane	ND	0.50	1	06/15/2017 14:39
Tetrachloroethene	ND	0.50	1	06/15/2017 14:39
Toluene	ND	0.50	1	06/15/2017 14:39
1,2,3-Trichlorobenzene	ND	0.50	1	06/15/2017 14:39
1,2,4-Trichlorobenzene	ND	0.50	1	06/15/2017 14:39
1,1,1-Trichloroethane	ND	0.50	1	06/15/2017 14:39
1,1,2-Trichloroethane	ND	0.50	1	06/15/2017 14:39
Trichloroethene	ND	0.50	1	06/15/2017 14:39
Trichlorofluoromethane	ND	0.50	1	06/15/2017 14:39
1,2,3-Trichloropropane	ND	0.50	1	06/15/2017 14:39
1,2,4-Trimethylbenzene	ND	0.50	1	06/15/2017 14:39
1,3,5-Trimethylbenzene	ND	0.50	1	06/15/2017 14:39
Vinyl Chloride	ND	0.50	1	06/15/2017 14:39
Xylenes, Total	ND	0.50	1	06/15/2017 14:39

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706675
Date Received:	6/14/17 15:20	**Extraction Method:**	SW5030B
Date Prepared:	6/15/17-6/21/17	**Analytical Method:**	SW8260B
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-1	**1706675-001B**	**Water**	**06/13/2017 13:57**	**GC18**	**140572**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	117	70-130		06/15/2017 14:39
Toluene-d8	99	70-130		06/15/2017 14:39
4-BFB	105	70-130		06/15/2017 14:39

Analyst(s): KF

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706675
Date Received:	6/14/17 15:20	**Extraction Method:**	SW5030B
Date Prepared:	6/15/17-6/21/17	**Analytical Method:**	SW8260B
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-2	**1706675-002B**	**Water**	**06/13/2017 12:37**	**GC18**	**140572**

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	10	1	06/15/2017 15:19
tert-Amyl methyl ether (TAME)	ND	0.50	1	06/15/2017 15:19
Benzene	ND	0.50	1	06/15/2017 15:19
Bromobenzene	ND	0.50	1	06/15/2017 15:19
Bromochloromethane	ND	0.50	1	06/15/2017 15:19
Bromodichloromethane	ND	0.50	1	06/15/2017 15:19
Bromoform	ND	0.50	1	06/15/2017 15:19
Bromomethane	ND	0.50	1	06/15/2017 15:19
2-Butanone (MEK)	ND	2.0	1	06/15/2017 15:19
t-Butyl alcohol (TBA)	**6.6**	2.0	1	06/15/2017 15:19
n-Butyl benzene	ND	0.50	1	06/15/2017 15:19
sec-Butyl benzene	ND	0.50	1	06/15/2017 15:19
tert-Butyl benzene	ND	0.50	1	06/15/2017 15:19
Carbon Disulfide	ND	0.50	1	06/15/2017 15:19
Carbon Tetrachloride	ND	0.50	1	06/15/2017 15:19
Chlorobenzene	ND	0.50	1	06/15/2017 15:19
Chloroethane	ND	0.50	1	06/15/2017 15:19
Chloroform	**0.56**	0.50	1	06/15/2017 15:19
Chloromethane	ND	0.50	1	06/15/2017 15:19
2-Chlorotoluene	ND	0.50	1	06/15/2017 15:19
4-Chlorotoluene	ND	0.50	1	06/15/2017 15:19
Dibromochloromethane	ND	0.50	1	06/15/2017 15:19
1,2-Dibromo-3-chloropropane	ND	0.20	1	06/15/2017 15:19
1,2-Dibromoethane (EDB)	ND	0.50	1	06/15/2017 15:19
Dibromomethane	ND	0.50	1	06/15/2017 15:19
1,2-Dichlorobenzene	ND	0.50	1	06/15/2017 15:19
1,3-Dichlorobenzene	ND	0.50	1	06/15/2017 15:19
1,4-Dichlorobenzene	ND	0.50	1	06/15/2017 15:19
Dichlorodifluoromethane	ND	0.50	1	06/15/2017 15:19
1,1-Dichloroethane	ND	0.50	1	06/15/2017 15:19
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	06/15/2017 15:19
1,1-Dichloroethene	ND	0.50	1	06/15/2017 15:19
cis-1,2-Dichloroethene	ND	0.50	1	06/15/2017 15:19
trans-1,2-Dichloroethene	ND	0.50	1	06/15/2017 15:19
1,2-Dichloropropane	ND	0.50	1	06/15/2017 15:19
1,3-Dichloropropane	ND	0.50	1	06/15/2017 15:19
2,2-Dichloropropane	ND	0.50	1	06/15/2017 15:19

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706675
Date Received:	6/14/17 15:20	**Extraction Method:**	SW5030B
Date Prepared:	6/15/17-6/21/17	**Analytical Method:**	SW8260B
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-2	**1706675-002B**	**Water**	**06/13/2017 12:37**	**GC18**	**140572**

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	06/15/2017 15:19
cis-1,3-Dichloropropene	ND	0.50	1	06/15/2017 15:19
trans-1,3-Dichloropropene	ND	0.50	1	06/15/2017 15:19
Diisopropyl ether (DIPE)	ND	0.50	1	06/15/2017 15:19
Ethylbenzene	ND	0.50	1	06/15/2017 15:19
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	06/15/2017 15:19
Freon 113	ND	0.50	1	06/15/2017 15:19
Hexachlorobutadiene	ND	0.50	1	06/15/2017 15:19
Hexachloroethane	ND	0.50	1	06/15/2017 15:19
2-Hexanone	ND	0.50	1	06/15/2017 15:19
Isopropylbenzene	ND	0.50	1	06/15/2017 15:19
4-Isopropyl toluene	ND	0.50	1	06/15/2017 15:19
Methyl-t-butyl ether (MTBE)	ND	0.50	1	06/15/2017 15:19
Methylene chloride	ND	0.50	1	06/15/2017 15:19
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	06/15/2017 15:19
Naphthalene	ND	0.50	1	06/15/2017 15:19
n-Propyl benzene	ND	0.50	1	06/15/2017 15:19
Styrene	ND	0.50	1	06/15/2017 15:19
1,1,1,2-Tetrachloroethane	ND	0.50	1	06/15/2017 15:19
1,1,2,2-Tetrachloroethane	ND	0.50	1	06/15/2017 15:19
Tetrachloroethene	ND	0.50	1	06/15/2017 15:19
Toluene	ND	0.50	1	06/15/2017 15:19
1,2,3-Trichlorobenzene	ND	0.50	1	06/15/2017 15:19
1,2,4-Trichlorobenzene	ND	0.50	1	06/15/2017 15:19
1,1,1-Trichloroethane	ND	0.50	1	06/15/2017 15:19
1,1,2-Trichloroethane	ND	0.50	1	06/15/2017 15:19
Trichloroethene	ND	0.50	1	06/15/2017 15:19
Trichlorofluoromethane	ND	0.50	1	06/15/2017 15:19
1,2,3-Trichloropropane	ND	0.50	1	06/15/2017 15:19
1,2,4-Trimethylbenzene	ND	0.50	1	06/15/2017 15:19
1,3,5-Trimethylbenzene	ND	0.50	1	06/15/2017 15:19
Vinyl Chloride	ND	0.50	1	06/15/2017 15:19
Xylenes, Total	ND	0.50	1	06/15/2017 15:19

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706675
Date Received:	6/14/17 15:20	**Extraction Method:**	SW5030B
Date Prepared:	6/15/17-6/21/17	**Analytical Method:**	SW8260B
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-2	**1706675-002B**	**Water**	**06/13/2017 12:37**	**GC18**	**140572**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	117	70-130		06/15/2017 15:19
Toluene-d8	100	70-130		06/15/2017 15:19
4-BFB	105	70-130		06/15/2017 15:19

Analyst(s): KF

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706675
Date Received:	6/14/17 15:20	**Extraction Method:**	SW5030B
Date Prepared:	6/15/17-6/21/17	**Analytical Method:**	SW8260B
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-3	**1706675-003B**	**Water**	**06/13/2017 12:01**	**GC18**	**140572**

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	1000	100	06/17/2017 02:15
tert-Amyl methyl ether (TAME)	ND	50	100	06/17/2017 02:15
Benzene	**2200**	50	100	06/17/2017 02:15
Bromobenzene	ND	50	100	06/17/2017 02:15
Bromochloromethane	ND	50	100	06/17/2017 02:15
Bromodichloromethane	ND	50	100	06/17/2017 02:15
Bromoform	ND	50	100	06/17/2017 02:15
Bromomethane	ND	50	100	06/17/2017 02:15
2-Butanone (MEK)	ND	200	100	06/17/2017 02:15
t-Butyl alcohol (TBA)	ND	200	100	06/17/2017 02:15
n-Butyl benzene	ND	50	100	06/17/2017 02:15
sec-Butyl benzene	ND	50	100	06/17/2017 02:15
tert-Butyl benzene	ND	50	100	06/17/2017 02:15
Carbon Disulfide	ND	50	100	06/17/2017 02:15
Carbon Tetrachloride	ND	50	100	06/17/2017 02:15
Chlorobenzene	ND	50	100	06/17/2017 02:15
Chloroethane	ND	50	100	06/17/2017 02:15
Chloroform	ND	50	100	06/17/2017 02:15
Chloromethane	ND	50	100	06/17/2017 02:15
2-Chlorotoluene	ND	50	100	06/17/2017 02:15
4-Chlorotoluene	ND	50	100	06/17/2017 02:15
Dibromochloromethane	ND	50	100	06/17/2017 02:15
1,2-Dibromo-3-chloropropane	ND	20	100	06/17/2017 02:15
1,2-Dibromoethane (EDB)	ND	50	100	06/17/2017 02:15
Dibromomethane	ND	50	100	06/17/2017 02:15
1,2-Dichlorobenzene	ND	50	100	06/17/2017 02:15
1,3-Dichlorobenzene	ND	50	100	06/17/2017 02:15
1,4-Dichlorobenzene	ND	50	100	06/17/2017 02:15
Dichlorodifluoromethane	ND	50	100	06/17/2017 02:15
1,1-Dichloroethane	ND	50	100	06/17/2017 02:15
1,2-Dichloroethane (1,2-DCA)	ND	50	100	06/17/2017 02:15
1,1-Dichloroethene	ND	50	100	06/17/2017 02:15
cis-1,2-Dichloroethene	ND	50	100	06/17/2017 02:15
trans-1,2-Dichloroethene	ND	50	100	06/17/2017 02:15
1,2-Dichloropropane	ND	50	100	06/17/2017 02:15
1,3-Dichloropropane	ND	50	100	06/17/2017 02:15
2,2-Dichloropropane	ND	50	100	06/17/2017 02:15

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706675
Date Received:	6/14/17 15:20	**Extraction Method:**	SW5030B
Date Prepared:	6/15/17-6/21/17	**Analytical Method:**	SW8260B
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-3	**1706675-003B**	**Water**	**06/13/2017 12:01**	**GC18**	**140572**

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	50	100	06/17/2017 02:15
cis-1,3-Dichloropropene	ND	50	100	06/17/2017 02:15
trans-1,3-Dichloropropene	ND	50	100	06/17/2017 02:15
Diisopropyl ether (DIPE)	ND	50	100	06/17/2017 02:15
Ethylbenzene	**96**	50	100	06/17/2017 02:15
Ethyl tert-butyl ether (ETBE)	ND	50	100	06/17/2017 02:15
Freon 113	ND	50	100	06/17/2017 02:15
Hexachlorobutadiene	ND	50	100	06/17/2017 02:15
Hexachloroethane	ND	50	100	06/17/2017 02:15
2-Hexanone	ND	50	100	06/17/2017 02:15
Isopropylbenzene	ND	50	100	06/17/2017 02:15
4-Isopropyl toluene	ND	50	100	06/17/2017 02:15
Methyl-t-butyl ether (MTBE)	ND	50	100	06/17/2017 02:15
Methylene chloride	ND	50	100	06/17/2017 02:15
4-Methyl-2-pentanone (MIBK)	ND	50	100	06/17/2017 02:15
Naphthalene	**56**	50	100	06/17/2017 02:15
n-Propyl benzene	ND	50	100	06/17/2017 02:15
Styrene	ND	50	100	06/17/2017 02:15
1,1,1,2-Tetrachloroethane	ND	50	100	06/17/2017 02:15
1,1,2,2-Tetrachloroethane	ND	50	100	06/17/2017 02:15
Tetrachloroethene	ND	50	100	06/17/2017 02:15
Toluene	ND	50	100	06/17/2017 02:15
1,2,3-Trichlorobenzene	ND	50	100	06/17/2017 02:15
1,2,4-Trichlorobenzene	ND	50	100	06/17/2017 02:15
1,1,1-Trichloroethane	ND	50	100	06/17/2017 02:15
1,1,2-Trichloroethane	ND	50	100	06/17/2017 02:15
Trichloroethene	ND	50	100	06/17/2017 02:15
Trichlorofluoromethane	ND	50	100	06/17/2017 02:15
1,2,3-Trichloropropane	ND	50	100	06/17/2017 02:15
1,2,4-Trimethylbenzene	ND	50	100	06/17/2017 02:15
1,3,5-Trimethylbenzene	ND	50	100	06/17/2017 02:15
Vinyl Chloride	ND	50	100	06/17/2017 02:15
Xylenes, Total	ND	50	100	06/17/2017 02:15

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706675
Date Received:	6/14/17 15:20	**Extraction Method:**	SW5030B
Date Prepared:	6/15/17-6/21/17	**Analytical Method:**	SW8260B
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-3	**1706675-003B**	**Water**	**06/13/2017 12:01**	**GC18**	**140572**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	117	70-130		06/17/2017 02:15
Toluene-d8	102	70-130		06/17/2017 02:15
4-BFB	107	70-130		06/17/2017 02:15

Analyst(s): AK

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706675
Date Received:	6/14/17 15:20	**Extraction Method:**	SW5030B
Date Prepared:	6/15/17-6/21/17	**Analytical Method:**	SW8260B
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-4	**1706675-004B**	**Water**	**06/13/2017 10:51**	**GC18**	**140633**

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	10	1	06/16/2017 14:43
tert-Amyl methyl ether (TAME)	ND	0.50	1	06/16/2017 14:43
Benzene	ND	0.50	1	06/16/2017 14:43
Bromobenzene	ND	0.50	1	06/16/2017 14:43
Bromochloromethane	ND	0.50	1	06/16/2017 14:43
Bromodichloromethane	ND	0.50	1	06/16/2017 14:43
Bromoform	ND	0.50	1	06/16/2017 14:43
Bromomethane	ND	0.50	1	06/16/2017 14:43
2-Butanone (MEK)	ND	2.0	1	06/16/2017 14:43
t-Butyl alcohol (TBA)	ND	2.0	1	06/16/2017 14:43
n-Butyl benzene	ND	0.50	1	06/16/2017 14:43
sec-Butyl benzene	ND	0.50	1	06/16/2017 14:43
tert-Butyl benzene	ND	0.50	1	06/16/2017 14:43
Carbon Disulfide	ND	0.50	1	06/16/2017 14:43
Carbon Tetrachloride	ND	0.50	1	06/16/2017 14:43
Chlorobenzene	ND	0.50	1	06/16/2017 14:43
Chloroethane	ND	0.50	1	06/16/2017 14:43
Chloroform	**1.3**	0.50	1	06/16/2017 14:43
Chloromethane	ND	0.50	1	06/16/2017 14:43
2-Chlorotoluene	ND	0.50	1	06/16/2017 14:43
4-Chlorotoluene	ND	0.50	1	06/16/2017 14:43
Dibromochloromethane	ND	0.50	1	06/16/2017 14:43
1,2-Dibromo-3-chloropropane	ND	0.20	1	06/16/2017 14:43
1,2-Dibromoethane (EDB)	ND	0.50	1	06/16/2017 14:43
Dibromomethane	ND	0.50	1	06/16/2017 14:43
1,2-Dichlorobenzene	ND	0.50	1	06/16/2017 14:43
1,3-Dichlorobenzene	ND	0.50	1	06/16/2017 14:43
1,4-Dichlorobenzene	ND	0.50	1	06/16/2017 14:43
Dichlorodifluoromethane	ND	0.50	1	06/16/2017 14:43
1,1-Dichloroethane	ND	0.50	1	06/16/2017 14:43
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	06/16/2017 14:43
1,1-Dichloroethene	ND	0.50	1	06/16/2017 14:43
cis-1,2-Dichloroethene	ND	0.50	1	06/16/2017 14:43
trans-1,2-Dichloroethene	ND	0.50	1	06/16/2017 14:43
1,2-Dichloropropane	ND	0.50	1	06/16/2017 14:43
1,3-Dichloropropane	ND	0.50	1	06/16/2017 14:43
2,2-Dichloropropane	ND	0.50	1	06/16/2017 14:43

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706675
Date Received:	6/14/17 15:20	**Extraction Method:**	SW5030B
Date Prepared:	6/15/17-6/21/17	**Analytical Method:**	SW8260B
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-4	**1706675-004B**	**Water**	**06/13/2017 10:51**	**GC18**	**140633**

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	06/16/2017 14:43
cis-1,3-Dichloropropene	ND	0.50	1	06/16/2017 14:43
trans-1,3-Dichloropropene	ND	0.50	1	06/16/2017 14:43
Diisopropyl ether (DIPE)	ND	0.50	1	06/16/2017 14:43
Ethylbenzene	ND	0.50	1	06/16/2017 14:43
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	06/16/2017 14:43
Freon 113	ND	0.50	1	06/16/2017 14:43
Hexachlorobutadiene	ND	0.50	1	06/16/2017 14:43
Hexachloroethane	ND	0.50	1	06/16/2017 14:43
2-Hexanone	ND	0.50	1	06/16/2017 14:43
Isopropylbenzene	ND	0.50	1	06/16/2017 14:43
4-Isopropyl toluene	ND	0.50	1	06/16/2017 14:43
Methyl-t-butyl ether (MTBE)	ND	0.50	1	06/16/2017 14:43
Methylene chloride	ND	0.50	1	06/16/2017 14:43
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	06/16/2017 14:43
Naphthalene	ND	0.50	1	06/16/2017 14:43
n-Propyl benzene	ND	0.50	1	06/16/2017 14:43
Styrene	ND	0.50	1	06/16/2017 14:43
1,1,1,2-Tetrachloroethane	ND	0.50	1	06/16/2017 14:43
1,1,2,2-Tetrachloroethane	ND	0.50	1	06/16/2017 14:43
Tetrachloroethene	ND	0.50	1	06/16/2017 14:43
Toluene	ND	0.50	1	06/16/2017 14:43
1,2,3-Trichlorobenzene	ND	0.50	1	06/16/2017 14:43
1,2,4-Trichlorobenzene	ND	0.50	1	06/16/2017 14:43
1,1,1-Trichloroethane	ND	0.50	1	06/16/2017 14:43
1,1,2-Trichloroethane	ND	0.50	1	06/16/2017 14:43
Trichloroethene	ND	0.50	1	06/16/2017 14:43
Trichlorofluoromethane	ND	0.50	1	06/16/2017 14:43
1,2,3-Trichloropropane	ND	0.50	1	06/16/2017 14:43
1,2,4-Trimethylbenzene	ND	0.50	1	06/16/2017 14:43
1,3,5-Trimethylbenzene	ND	0.50	1	06/16/2017 14:43
Vinyl Chloride	ND	0.50	1	06/16/2017 14:43
Xylenes, Total	ND	0.50	1	06/16/2017 14:43

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706675
Date Received:	6/14/17 15:20	**Extraction Method:**	SW5030B
Date Prepared:	6/15/17-6/21/17	**Analytical Method:**	SW8260B
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-4	**1706675-004B**	**Water**	**06/13/2017 10:51**	**GC18**	**140633**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	124	70-130		06/16/2017 14:43
Toluene-d8	100	70-130		06/16/2017 14:43
4-BFB	116	70-130		06/16/2017 14:43

Analyst(s): AK

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706675
Date Received:	6/14/17 15:20	**Extraction Method:**	SW5030B
Date Prepared:	6/15/17-6/21/17	**Analytical Method:**	SW8260B
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-5	**1706675-005B**	**Water**	**06/13/2017 14:40**	**GC28**	**140575**

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	10	1	06/21/2017 12:51
tert-Amyl methyl ether (TAME)	ND	0.50	1	06/21/2017 12:51
Benzene	ND	0.50	1	06/21/2017 12:51
Bromobenzene	ND	0.50	1	06/21/2017 12:51
Bromochloromethane	ND	0.50	1	06/21/2017 12:51
Bromodichloromethane	ND	0.50	1	06/21/2017 12:51
Bromoform	ND	0.50	1	06/21/2017 12:51
Bromomethane	ND	0.50	1	06/21/2017 12:51
2-Butanone (MEK)	ND	2.0	1	06/21/2017 12:51
t-Butyl alcohol (TBA)	ND	2.0	1	06/21/2017 12:51
n-Butyl benzene	ND	0.50	1	06/21/2017 12:51
sec-Butyl benzene	ND	0.50	1	06/21/2017 12:51
tert-Butyl benzene	ND	0.50	1	06/21/2017 12:51
Carbon Disulfide	ND	0.50	1	06/21/2017 12:51
Carbon Tetrachloride	ND	0.50	1	06/21/2017 12:51
Chlorobenzene	ND	0.50	1	06/21/2017 12:51
Chloroethane	ND	0.50	1	06/21/2017 12:51
Chloroform	ND	0.50	1	06/21/2017 12:51
Chloromethane	ND	0.50	1	06/21/2017 12:51
2-Chlorotoluene	ND	0.50	1	06/21/2017 12:51
4-Chlorotoluene	ND	0.50	1	06/21/2017 12:51
Dibromochloromethane	ND	0.50	1	06/21/2017 12:51
1,2-Dibromo-3-chloropropane	ND	0.20	1	06/21/2017 12:51
1,2-Dibromoethane (EDB)	ND	0.50	1	06/21/2017 12:51
Dibromomethane	ND	0.50	1	06/21/2017 12:51
1,2-Dichlorobenzene	ND	0.50	1	06/21/2017 12:51
1,3-Dichlorobenzene	ND	0.50	1	06/21/2017 12:51
1,4-Dichlorobenzene	ND	0.50	1	06/21/2017 12:51
Dichlorodifluoromethane	ND	0.50	1	06/21/2017 12:51
1,1-Dichloroethane	ND	0.50	1	06/21/2017 12:51
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	06/21/2017 12:51
1,1-Dichloroethene	ND	0.50	1	06/21/2017 12:51
cis-1,2-Dichloroethene	ND	0.50	1	06/21/2017 12:51
trans-1,2-Dichloroethene	ND	0.50	1	06/21/2017 12:51
1,2-Dichloropropane	ND	0.50	1	06/21/2017 12:51
1,3-Dichloropropane	ND	0.50	1	06/21/2017 12:51
2,2-Dichloropropane	ND	0.50	1	06/21/2017 12:51

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706675
Date Received:	6/14/17 15:20	**Extraction Method:**	SW5030B
Date Prepared:	6/15/17-6/21/17	**Analytical Method:**	SW8260B
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-5	**1706675-005B**	**Water**	**06/13/2017 14:40**	**GC28**	**140575**

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	06/21/2017 12:51
cis-1,3-Dichloropropene	ND	0.50	1	06/21/2017 12:51
trans-1,3-Dichloropropene	ND	0.50	1	06/21/2017 12:51
Diisopropyl ether (DIPE)	ND	0.50	1	06/21/2017 12:51
Ethylbenzene	ND	0.50	1	06/21/2017 12:51
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	06/21/2017 12:51
Freon 113	ND	0.50	1	06/21/2017 12:51
Hexachlorobutadiene	ND	0.50	1	06/21/2017 12:51
Hexachloroethane	ND	0.50	1	06/21/2017 12:51
2-Hexanone	ND	0.50	1	06/21/2017 12:51
Isopropylbenzene	ND	0.50	1	06/21/2017 12:51
4-Isopropyl toluene	ND	0.50	1	06/21/2017 12:51
Methyl-t-butyl ether (MTBE)	ND	0.50	1	06/21/2017 12:51
Methylene chloride	ND	0.50	1	06/21/2017 12:51
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	06/21/2017 12:51
Naphthalene	ND	0.50	1	06/21/2017 12:51
n-Propyl benzene	ND	0.50	1	06/21/2017 12:51
Styrene	ND	0.50	1	06/21/2017 12:51
1,1,1,2-Tetrachloroethane	ND	0.50	1	06/21/2017 12:51
1,1,2,2-Tetrachloroethane	ND	0.50	1	06/21/2017 12:51
Tetrachloroethene	ND	0.50	1	06/21/2017 12:51
Toluene	ND	0.50	1	06/21/2017 12:51
1,2,3-Trichlorobenzene	ND	0.50	1	06/21/2017 12:51
1,2,4-Trichlorobenzene	ND	0.50	1	06/21/2017 12:51
1,1,1-Trichloroethane	ND	0.50	1	06/21/2017 12:51
1,1,2-Trichloroethane	ND	0.50	1	06/21/2017 12:51
Trichloroethene	ND	0.50	1	06/21/2017 12:51
Trichlorofluoromethane	ND	0.50	1	06/21/2017 12:51
1,2,3-Trichloropropane	ND	0.50	1	06/21/2017 12:51
1,2,4-Trimethylbenzene	ND	0.50	1	06/21/2017 12:51
1,3,5-Trimethylbenzene	ND	0.50	1	06/21/2017 12:51
Vinyl Chloride	ND	0.50	1	06/21/2017 12:51
Xylenes, Total	ND	0.50	1	06/21/2017 12:51

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706675
Date Received:	6/14/17 15:20	**Extraction Method:**	SW5030B
Date Prepared:	6/15/17-6/21/17	**Analytical Method:**	SW8260B
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-5	**1706675-005B**	**Water**	**06/13/2017 14:40**	**GC28**	**140575**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	106	70-130		06/21/2017 12:51
Toluene-d8	104	70-130		06/21/2017 12:51
4-BFB	84	70-130		06/21/2017 12:51

Analyst(s): KF

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706675
Date Received:	6/14/17 15:20	**Extraction Method:**	SW5030B
Date Prepared:	6/15/17-6/21/17	**Analytical Method:**	SW8260B
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-6	**1706675-006B**	**Water**	**06/13/2017 10:05**	**GC28**	**140575**

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	10	1	06/21/2017 13:28
tert-Amyl methyl ether (TAME)	ND	0.50	1	06/21/2017 13:28
Benzene	**0.87**	0.50	1	06/21/2017 13:28
Bromobenzene	ND	0.50	1	06/21/2017 13:28
Bromochloromethane	ND	0.50	1	06/21/2017 13:28
Bromodichloromethane	ND	0.50	1	06/21/2017 13:28
Bromoform	ND	0.50	1	06/21/2017 13:28
Bromomethane	ND	0.50	1	06/21/2017 13:28
2-Butanone (MEK)	ND	2.0	1	06/21/2017 13:28
t-Butyl alcohol (TBA)	ND	2.0	1	06/21/2017 13:28
n-Butyl benzene	**0.70**	0.50	1	06/21/2017 13:28
sec-Butyl benzene	ND	0.50	1	06/21/2017 13:28
tert-Butyl benzene	ND	0.50	1	06/21/2017 13:28
Carbon Disulfide	ND	0.50	1	06/21/2017 13:28
Carbon Tetrachloride	ND	0.50	1	06/21/2017 13:28
Chlorobenzene	ND	0.50	1	06/21/2017 13:28
Chloroethane	ND	0.50	1	06/21/2017 13:28
Chloroform	ND	0.50	1	06/21/2017 13:28
Chloromethane	ND	0.50	1	06/21/2017 13:28
2-Chlorotoluene	ND	0.50	1	06/21/2017 13:28
4-Chlorotoluene	ND	0.50	1	06/21/2017 13:28
Dibromochloromethane	ND	0.50	1	06/21/2017 13:28
1,2-Dibromo-3-chloropropane	ND	0.20	1	06/21/2017 13:28
1,2-Dibromoethane (EDB)	ND	0.50	1	06/21/2017 13:28
Dibromomethane	ND	0.50	1	06/21/2017 13:28
1,2-Dichlorobenzene	ND	0.50	1	06/21/2017 13:28
1,3-Dichlorobenzene	ND	0.50	1	06/21/2017 13:28
1,4-Dichlorobenzene	ND	0.50	1	06/21/2017 13:28
Dichlorodifluoromethane	ND	0.50	1	06/21/2017 13:28
1,1-Dichloroethane	ND	0.50	1	06/21/2017 13:28
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	06/21/2017 13:28
1,1-Dichloroethene	ND	0.50	1	06/21/2017 13:28
cis-1,2-Dichloroethene	ND	0.50	1	06/21/2017 13:28
trans-1,2-Dichloroethene	ND	0.50	1	06/21/2017 13:28
1,2-Dichloropropane	ND	0.50	1	06/21/2017 13:28
1,3-Dichloropropane	ND	0.50	1	06/21/2017 13:28
2,2-Dichloropropane	ND	0.50	1	06/21/2017 13:28

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706675
Date Received:	6/14/17 15:20	**Extraction Method:**	SW5030B
Date Prepared:	6/15/17-6/21/17	**Analytical Method:**	SW8260B
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-6	**1706675-006B**	**Water**	**06/13/2017 10:05**	**GC28**	**140575**

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	06/21/2017 13:28
cis-1,3-Dichloropropene	ND	0.50	1	06/21/2017 13:28
trans-1,3-Dichloropropene	ND	0.50	1	06/21/2017 13:28
Diisopropyl ether (DIPE)	ND	0.50	1	06/21/2017 13:28
Ethylbenzene	**2.2**	0.50	1	06/21/2017 13:28
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	06/21/2017 13:28
Freon 113	ND	0.50	1	06/21/2017 13:28
Hexachlorobutadiene	ND	0.50	1	06/21/2017 13:28
Hexachloroethane	ND	0.50	1	06/21/2017 13:28
2-Hexanone	ND	0.50	1	06/21/2017 13:28
Isopropylbenzene	**3.4**	0.50	1	06/21/2017 13:28
4-Isopropyl toluene	ND	0.50	1	06/21/2017 13:28
Methyl-t-butyl ether (MTBE)	ND	0.50	1	06/21/2017 13:28
Methylene chloride	ND	0.50	1	06/21/2017 13:28
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	06/21/2017 13:28
Naphthalene	**0.86**	0.50	1	06/21/2017 13:28
n-Propyl benzene	**7.6**	0.50	1	06/21/2017 13:28
Styrene	ND	0.50	1	06/21/2017 13:28
1,1,1,2-Tetrachloroethane	ND	0.50	1	06/21/2017 13:28
1,1,2,2-Tetrachloroethane	ND	0.50	1	06/21/2017 13:28
Tetrachloroethene	ND	0.50	1	06/21/2017 13:28
Toluene	ND	0.50	1	06/21/2017 13:28
1,2,3-Trichlorobenzene	ND	0.50	1	06/21/2017 13:28
1,2,4-Trichlorobenzene	ND	0.50	1	06/21/2017 13:28
1,1,1-Trichloroethane	ND	0.50	1	06/21/2017 13:28
1,1,2-Trichloroethane	ND	0.50	1	06/21/2017 13:28
Trichloroethene	ND	0.50	1	06/21/2017 13:28
Trichlorofluoromethane	ND	0.50	1	06/21/2017 13:28
1,2,3-Trichloropropane	ND	0.50	1	06/21/2017 13:28
1,2,4-Trimethylbenzene	ND	0.50	1	06/21/2017 13:28
1,3,5-Trimethylbenzene	ND	0.50	1	06/21/2017 13:28
Vinyl Chloride	ND	0.50	1	06/21/2017 13:28
Xylenes, Total	ND	0.50	1	06/21/2017 13:28

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Analytical Report

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Date Received:	6/14/17 15:20	**Extraction Method:**	SW5030B
Date Prepared:	6/15/17-6/21/17	**Analytical Method:**	SW8260B
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-6	**1706675-006B**	**Water**	**06/13/2017 10:05**	**GC28**	**140575**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	107	70-130		06/21/2017 13:28
Toluene-d8	103	70-130		06/21/2017 13:28
4-BFB	87	70-130		06/21/2017 13:28

Analyst(s): KF

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706675
Date Received:	6/14/17 15:20	**Extraction Method:**	SW5030B
Date Prepared:	6/15/17-6/21/17	**Analytical Method:**	SW8260B
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-7	**1706675-007B**	**Water**	**06/13/2017 16:21**	**GC16**	**140575**

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	500	50	06/16/2017 00:23
tert-Amyl methyl ether (TAME)	ND	25	50	06/16/2017 00:23
Benzene	**1800**	25	50	06/16/2017 00:23
Bromobenzene	ND	25	50	06/16/2017 00:23
Bromochloromethane	ND	25	50	06/16/2017 00:23
Bromodichloromethane	ND	25	50	06/16/2017 00:23
Bromoform	ND	25	50	06/16/2017 00:23
Bromomethane	ND	25	50	06/16/2017 00:23
2-Butanone (MEK)	ND	100	50	06/16/2017 00:23
t-Butyl alcohol (TBA)	ND	100	50	06/16/2017 00:23
n-Butyl benzene	ND	25	50	06/16/2017 00:23
sec-Butyl benzene	ND	25	50	06/16/2017 00:23
tert-Butyl benzene	ND	25	50	06/16/2017 00:23
Carbon Disulfide	ND	25	50	06/16/2017 00:23
Carbon Tetrachloride	ND	25	50	06/16/2017 00:23
Chlorobenzene	ND	25	50	06/16/2017 00:23
Chloroethane	ND	25	50	06/16/2017 00:23
Chloroform	ND	25	50	06/16/2017 00:23
Chloromethane	ND	25	50	06/16/2017 00:23
2-Chlorotoluene	ND	25	50	06/16/2017 00:23
4-Chlorotoluene	ND	25	50	06/16/2017 00:23
Dibromochloromethane	ND	25	50	06/16/2017 00:23
1,2-Dibromo-3-chloropropane	ND	10	50	06/16/2017 00:23
1,2-Dibromoethane (EDB)	ND	25	50	06/16/2017 00:23
Dibromomethane	ND	25	50	06/16/2017 00:23
1,2-Dichlorobenzene	ND	25	50	06/16/2017 00:23
1,3-Dichlorobenzene	ND	25	50	06/16/2017 00:23
1,4-Dichlorobenzene	ND	25	50	06/16/2017 00:23
Dichlorodifluoromethane	ND	25	50	06/16/2017 00:23
1,1-Dichloroethane	ND	25	50	06/16/2017 00:23
1,2-Dichloroethane (1,2-DCA)	ND	25	50	06/16/2017 00:23
1,1-Dichloroethene	ND	25	50	06/16/2017 00:23
cis-1,2-Dichloroethene	ND	25	50	06/16/2017 00:23
trans-1,2-Dichloroethene	ND	25	50	06/16/2017 00:23
1,2-Dichloropropane	ND	25	50	06/16/2017 00:23
1,3-Dichloropropane	ND	25	50	06/16/2017 00:23
2,2-Dichloropropane	ND	25	50	06/16/2017 00:23

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706675
Date Received:	6/14/17 15:20	**Extraction Method:**	SW5030B
Date Prepared:	6/15/17-6/21/17	**Analytical Method:**	SW8260B
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-7	**1706675-007B**	**Water**	**06/13/2017 16:21**	**GC16**	**140575**

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	25	50	06/16/2017 00:23
cis-1,3-Dichloropropene	ND	25	50	06/16/2017 00:23
trans-1,3-Dichloropropene	ND	25	50	06/16/2017 00:23
Diisopropyl ether (DIPE)	ND	25	50	06/16/2017 00:23
Ethylbenzene	**120**	25	50	06/16/2017 00:23
Ethyl tert-butyl ether (ETBE)	ND	25	50	06/16/2017 00:23
Freon 113	ND	25	50	06/16/2017 00:23
Hexachlorobutadiene	ND	25	50	06/16/2017 00:23
Hexachloroethane	ND	25	50	06/16/2017 00:23
2-Hexanone	ND	25	50	06/16/2017 00:23
Isopropylbenzene	**56**	25	50	06/16/2017 00:23
4-Isopropyl toluene	ND	25	50	06/16/2017 00:23
Methyl-t-butyl ether (MTBE)	ND	25	50	06/16/2017 00:23
Methylene chloride	ND	25	50	06/16/2017 00:23
4-Methyl-2-pentanone (MIBK)	ND	25	50	06/16/2017 00:23
Naphthalene	**34**	25	50	06/16/2017 00:23
n-Propyl benzene	**100**	25	50	06/16/2017 00:23
Styrene	ND	25	50	06/16/2017 00:23
1,1,1,2-Tetrachloroethane	ND	25	50	06/16/2017 00:23
1,1,2,2-Tetrachloroethane	ND	25	50	06/16/2017 00:23
Tetrachloroethene	ND	25	50	06/16/2017 00:23
Toluene	ND	25	50	06/16/2017 00:23
1,2,3-Trichlorobenzene	ND	25	50	06/16/2017 00:23
1,2,4-Trichlorobenzene	ND	25	50	06/16/2017 00:23
1,1,1-Trichloroethane	ND	25	50	06/16/2017 00:23
1,1,2-Trichloroethane	ND	25	50	06/16/2017 00:23
Trichloroethene	ND	25	50	06/16/2017 00:23
Trichlorofluoromethane	ND	25	50	06/16/2017 00:23
1,2,3-Trichloropropane	ND	25	50	06/16/2017 00:23
1,2,4-Trimethylbenzene	ND	25	50	06/16/2017 00:23
1,3,5-Trimethylbenzene	ND	25	50	06/16/2017 00:23
Vinyl Chloride	ND	25	50	06/16/2017 00:23
Xylenes, Total	**52**	25	50	06/16/2017 00:23

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706675
Date Received:	6/14/17 15:20	**Extraction Method:**	SW5030B
Date Prepared:	6/15/17-6/21/17	**Analytical Method:**	SW8260B
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-7	**1706675-007B**	**Water**	**06/13/2017 16:21**	**GC16**	**140575**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	122	70-130		06/16/2017 00:23
Toluene-d8	113	70-130		06/16/2017 00:23
4-BFB	96	70-130		06/16/2017 00:23

Analyst(s): KF

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706675
Date Received:	6/14/17 15:20	**Extraction Method:**	SW5030B
Date Prepared:	6/15/17-6/21/17	**Analytical Method:**	SW8260B
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
IW-1	**1706675-008B**	**Water**	**06/13/2017 15:37**	**GC18**	**140633**

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	10	1	06/16/2017 16:50
tert-Amyl methyl ether (TAME)	ND	0.50	1	06/16/2017 16:50
Benzene	ND	0.50	1	06/16/2017 16:50
Bromobenzene	ND	0.50	1	06/16/2017 16:50
Bromochloromethane	ND	0.50	1	06/16/2017 16:50
Bromodichloromethane	ND	0.50	1	06/16/2017 16:50
Bromoform	ND	0.50	1	06/16/2017 16:50
Bromomethane	ND	0.50	1	06/16/2017 16:50
2-Butanone (MEK)	ND	2.0	1	06/16/2017 16:50
t-Butyl alcohol (TBA)	**3.7**	2.0	1	06/16/2017 16:50
n-Butyl benzene	ND	0.50	1	06/16/2017 16:50
sec-Butyl benzene	ND	0.50	1	06/16/2017 16:50
tert-Butyl benzene	ND	0.50	1	06/16/2017 16:50
Carbon Disulfide	ND	0.50	1	06/16/2017 16:50
Carbon Tetrachloride	ND	0.50	1	06/16/2017 16:50
Chlorobenzene	ND	0.50	1	06/16/2017 16:50
Chloroethane	ND	0.50	1	06/16/2017 16:50
Chloroform	ND	0.50	1	06/16/2017 16:50
Chloromethane	ND	0.50	1	06/16/2017 16:50
2-Chlorotoluene	ND	0.50	1	06/16/2017 16:50
4-Chlorotoluene	ND	0.50	1	06/16/2017 16:50
Dibromochloromethane	ND	0.50	1	06/16/2017 16:50
1,2-Dibromo-3-chloropropane	ND	0.20	1	06/16/2017 16:50
1,2-Dibromoethane (EDB)	ND	0.50	1	06/16/2017 16:50
Dibromomethane	ND	0.50	1	06/16/2017 16:50
1,2-Dichlorobenzene	ND	0.50	1	06/16/2017 16:50
1,3-Dichlorobenzene	ND	0.50	1	06/16/2017 16:50
1,4-Dichlorobenzene	ND	0.50	1	06/16/2017 16:50
Dichlorodifluoromethane	ND	0.50	1	06/16/2017 16:50
1,1-Dichloroethane	ND	0.50	1	06/16/2017 16:50
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	06/16/2017 16:50
1,1-Dichloroethene	ND	0.50	1	06/16/2017 16:50
cis-1,2-Dichloroethene	ND	0.50	1	06/16/2017 16:50
trans-1,2-Dichloroethene	ND	0.50	1	06/16/2017 16:50
1,2-Dichloropropane	ND	0.50	1	06/16/2017 16:50
1,3-Dichloropropane	ND	0.50	1	06/16/2017 16:50
2,2-Dichloropropane	ND	0.50	1	06/16/2017 16:50

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706675
Date Received:	6/14/17 15:20	**Extraction Method:**	SW5030B
Date Prepared:	6/15/17-6/21/17	**Analytical Method:**	SW8260B
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
IW-1	**1706675-008B**	**Water**	**06/13/2017 15:37**	**GC18**	**140633**

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	06/16/2017 16:50
cis-1,3-Dichloropropene	ND	0.50	1	06/16/2017 16:50
trans-1,3-Dichloropropene	ND	0.50	1	06/16/2017 16:50
Diisopropyl ether (DIPE)	ND	0.50	1	06/16/2017 16:50
Ethylbenzene	ND	0.50	1	06/16/2017 16:50
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	06/16/2017 16:50
Freon 113	ND	0.50	1	06/16/2017 16:50
Hexachlorobutadiene	ND	0.50	1	06/16/2017 16:50
Hexachloroethane	ND	0.50	1	06/16/2017 16:50
2-Hexanone	ND	0.50	1	06/16/2017 16:50
Isopropylbenzene	ND	0.50	1	06/16/2017 16:50
4-Isopropyl toluene	ND	0.50	1	06/16/2017 16:50
Methyl-t-butyl ether (MTBE)	ND	0.50	1	06/16/2017 16:50
Methylene chloride	ND	0.50	1	06/16/2017 16:50
4-Methyl-2-pentanone (MIBK)	**0.63**	0.50	1	06/16/2017 16:50
Naphthalene	ND	0.50	1	06/16/2017 16:50
n-Propyl benzene	ND	0.50	1	06/16/2017 16:50
Styrene	ND	0.50	1	06/16/2017 16:50
1,1,1,2-Tetrachloroethane	ND	0.50	1	06/16/2017 16:50
1,1,2,2-Tetrachloroethane	ND	0.50	1	06/16/2017 16:50
Tetrachloroethene	ND	0.50	1	06/16/2017 16:50
Toluene	ND	0.50	1	06/16/2017 16:50
1,2,3-Trichlorobenzene	ND	0.50	1	06/16/2017 16:50
1,2,4-Trichlorobenzene	ND	0.50	1	06/16/2017 16:50
1,1,1-Trichloroethane	ND	0.50	1	06/16/2017 16:50
1,1,2-Trichloroethane	ND	0.50	1	06/16/2017 16:50
Trichloroethene	ND	0.50	1	06/16/2017 16:50
Trichlorofluoromethane	ND	0.50	1	06/16/2017 16:50
1,2,3-Trichloropropane	ND	0.50	1	06/16/2017 16:50
1,2,4-Trimethylbenzene	ND	0.50	1	06/16/2017 16:50
1,3,5-Trimethylbenzene	ND	0.50	1	06/16/2017 16:50
Vinyl Chloride	ND	0.50	1	06/16/2017 16:50
Xylenes, Total	ND	0.50	1	06/16/2017 16:50

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706675
Date Received:	6/14/17 15:20	**Extraction Method:**	SW5030B
Date Prepared:	6/15/17-6/21/17	**Analytical Method:**	SW8260B
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
IW-1	**1706675-008B**	**Water**	**06/13/2017 15:37**	**GC18**	**140633**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	119	70-130		06/16/2017 16:50
Toluene-d8	101	70-130		06/16/2017 16:50
4-BFB	110	70-130		06/16/2017 16:50

Analyst(s): AK

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706675
Date Received:	6/14/17 15:20	**Extraction Method:**	SW5030B
Date Prepared:	6/15/17-6/21/17	**Analytical Method:**	SW8260B
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
BF-1	**1706675-009B**	**Water**	**06/13/2017 13:29**	**GC18**	**140633**

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	10	1	06/16/2017 17:31
tert-Amyl methyl ether (TAME)	ND	0.50	1	06/16/2017 17:31
Benzene	ND	0.50	1	06/16/2017 17:31
Bromobenzene	ND	0.50	1	06/16/2017 17:31
Bromochloromethane	ND	0.50	1	06/16/2017 17:31
Bromodichloromethane	ND	0.50	1	06/16/2017 17:31
Bromoform	ND	0.50	1	06/16/2017 17:31
Bromomethane	ND	0.50	1	06/16/2017 17:31
2-Butanone (MEK)	ND	2.0	1	06/16/2017 17:31
t-Butyl alcohol (TBA)	ND	2.0	1	06/16/2017 17:31
n-Butyl benzene	ND	0.50	1	06/16/2017 17:31
sec-Butyl benzene	ND	0.50	1	06/16/2017 17:31
tert-Butyl benzene	ND	0.50	1	06/16/2017 17:31
Carbon Disulfide	ND	0.50	1	06/16/2017 17:31
Carbon Tetrachloride	ND	0.50	1	06/16/2017 17:31
Chlorobenzene	ND	0.50	1	06/16/2017 17:31
Chloroethane	ND	0.50	1	06/16/2017 17:31
Chloroform	ND	0.50	1	06/16/2017 17:31
Chloromethane	ND	0.50	1	06/16/2017 17:31
2-Chlorotoluene	ND	0.50	1	06/16/2017 17:31
4-Chlorotoluene	ND	0.50	1	06/16/2017 17:31
Dibromochloromethane	ND	0.50	1	06/16/2017 17:31
1,2-Dibromo-3-chloropropane	ND	0.20	1	06/16/2017 17:31
1,2-Dibromoethane (EDB)	ND	0.50	1	06/16/2017 17:31
Dibromomethane	ND	0.50	1	06/16/2017 17:31
1,2-Dichlorobenzene	ND	0.50	1	06/16/2017 17:31
1,3-Dichlorobenzene	ND	0.50	1	06/16/2017 17:31
1,4-Dichlorobenzene	ND	0.50	1	06/16/2017 17:31
Dichlorodifluoromethane	ND	0.50	1	06/16/2017 17:31
1,1-Dichloroethane	ND	0.50	1	06/16/2017 17:31
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	06/16/2017 17:31
1,1-Dichloroethene	ND	0.50	1	06/16/2017 17:31
cis-1,2-Dichloroethene	ND	0.50	1	06/16/2017 17:31
trans-1,2-Dichloroethene	ND	0.50	1	06/16/2017 17:31
1,2-Dichloropropane	ND	0.50	1	06/16/2017 17:31
1,3-Dichloropropane	ND	0.50	1	06/16/2017 17:31
2,2-Dichloropropane	ND	0.50	1	06/16/2017 17:31

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706675
Date Received:	6/14/17 15:20	**Extraction Method:**	SW5030B
Date Prepared:	6/15/17-6/21/17	**Analytical Method:**	SW8260B
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
BF-1	**1706675-009B**	**Water**	**06/13/2017 13:29**	**GC18**	**140633**

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	06/16/2017 17:31
cis-1,3-Dichloropropene	ND	0.50	1	06/16/2017 17:31
trans-1,3-Dichloropropene	ND	0.50	1	06/16/2017 17:31
Diisopropyl ether (DIPE)	ND	0.50	1	06/16/2017 17:31
Ethylbenzene	ND	0.50	1	06/16/2017 17:31
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	06/16/2017 17:31
Freon 113	ND	0.50	1	06/16/2017 17:31
Hexachlorobutadiene	ND	0.50	1	06/16/2017 17:31
Hexachloroethane	ND	0.50	1	06/16/2017 17:31
2-Hexanone	ND	0.50	1	06/16/2017 17:31
Isopropylbenzene	ND	0.50	1	06/16/2017 17:31
4-Isopropyl toluene	ND	0.50	1	06/16/2017 17:31
Methyl-t-butyl ether (MTBE)	ND	0.50	1	06/16/2017 17:31
Methylene chloride	ND	0.50	1	06/16/2017 17:31
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	06/16/2017 17:31
Naphthalene	ND	0.50	1	06/16/2017 17:31
n-Propyl benzene	ND	0.50	1	06/16/2017 17:31
Styrene	ND	0.50	1	06/16/2017 17:31
1,1,1,2-Tetrachloroethane	ND	0.50	1	06/16/2017 17:31
1,1,2,2-Tetrachloroethane	ND	0.50	1	06/16/2017 17:31
Tetrachloroethene	ND	0.50	1	06/16/2017 17:31
Toluene	ND	0.50	1	06/16/2017 17:31
1,2,3-Trichlorobenzene	ND	0.50	1	06/16/2017 17:31
1,2,4-Trichlorobenzene	ND	0.50	1	06/16/2017 17:31
1,1,1-Trichloroethane	ND	0.50	1	06/16/2017 17:31
1,1,2-Trichloroethane	ND	0.50	1	06/16/2017 17:31
Trichloroethene	ND	0.50	1	06/16/2017 17:31
Trichlorofluoromethane	ND	0.50	1	06/16/2017 17:31
1,2,3-Trichloropropane	ND	0.50	1	06/16/2017 17:31
1,2,4-Trimethylbenzene	ND	0.50	1	06/16/2017 17:31
1,3,5-Trimethylbenzene	ND	0.50	1	06/16/2017 17:31
Vinyl Chloride	ND	0.50	1	06/16/2017 17:31
Xylenes, Total	ND	0.50	1	06/16/2017 17:31

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706675
Date Received:	6/14/17 15:20	**Extraction Method:**	SW5030B
Date Prepared:	6/15/17-6/21/17	**Analytical Method:**	SW8260B
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
BF-1	**1706675-009B**	**Water**	**06/13/2017 13:29**	**GC18**	**140633**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	119	70-130		06/16/2017 17:31
Toluene-d8	101	70-130		06/16/2017 17:31
4-BFB	104	70-130		06/16/2017 17:31

Analyst(s): AK

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706675
Date Received:	6/14/17 15:20	**Extraction Method:**	SW5030B
Date Prepared:	6/15/17-6/21/17	**Analytical Method:**	SW8260B
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
BF-5	**1706675-010B**	**Water**	**06/13/2017 11:28**	**GC18**	**140633**

Analytes	Result	RL	DF	Date Analyzed
Acetone	ND	10	1	06/16/2017 18:12
tert-Amyl methyl ether (TAME)	ND	0.50	1	06/16/2017 18:12
Benzene	ND	0.50	1	06/16/2017 18:12
Bromobenzene	ND	0.50	1	06/16/2017 18:12
Bromochloromethane	ND	0.50	1	06/16/2017 18:12
Bromodichloromethane	ND	0.50	1	06/16/2017 18:12
Bromoform	ND	0.50	1	06/16/2017 18:12
Bromomethane	ND	0.50	1	06/16/2017 18:12
2-Butanone (MEK)	ND	2.0	1	06/16/2017 18:12
t-Butyl alcohol (TBA)	ND	2.0	1	06/16/2017 18:12
n-Butyl benzene	ND	0.50	1	06/16/2017 18:12
sec-Butyl benzene	ND	0.50	1	06/16/2017 18:12
tert-Butyl benzene	ND	0.50	1	06/16/2017 18:12
Carbon Disulfide	ND	0.50	1	06/16/2017 18:12
Carbon Tetrachloride	ND	0.50	1	06/16/2017 18:12
Chlorobenzene	ND	0.50	1	06/16/2017 18:12
Chloroethane	ND	0.50	1	06/16/2017 18:12
Chloroform	ND	0.50	1	06/16/2017 18:12
Chloromethane	ND	0.50	1	06/16/2017 18:12
2-Chlorotoluene	ND	0.50	1	06/16/2017 18:12
4-Chlorotoluene	ND	0.50	1	06/16/2017 18:12
Dibromochloromethane	ND	0.50	1	06/16/2017 18:12
1,2-Dibromo-3-chloropropane	ND	0.20	1	06/16/2017 18:12
1,2-Dibromoethane (EDB)	ND	0.50	1	06/16/2017 18:12
Dibromomethane	ND	0.50	1	06/16/2017 18:12
1,2-Dichlorobenzene	ND	0.50	1	06/16/2017 18:12
1,3-Dichlorobenzene	ND	0.50	1	06/16/2017 18:12
1,4-Dichlorobenzene	ND	0.50	1	06/16/2017 18:12
Dichlorodifluoromethane	ND	0.50	1	06/16/2017 18:12
1,1-Dichloroethane	ND	0.50	1	06/16/2017 18:12
1,2-Dichloroethane (1,2-DCA)	ND	0.50	1	06/16/2017 18:12
1,1-Dichloroethene	ND	0.50	1	06/16/2017 18:12
cis-1,2-Dichloroethene	ND	0.50	1	06/16/2017 18:12
trans-1,2-Dichloroethene	ND	0.50	1	06/16/2017 18:12
1,2-Dichloropropane	ND	0.50	1	06/16/2017 18:12
1,3-Dichloropropane	ND	0.50	1	06/16/2017 18:12
2,2-Dichloropropane	ND	0.50	1	06/16/2017 18:12

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706675
Date Received:	6/14/17 15:20	**Extraction Method:**	SW5030B
Date Prepared:	6/15/17-6/21/17	**Analytical Method:**	SW8260B
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
BF-5	**1706675-010B**	**Water**	**06/13/2017 11:28**	**GC18**	**140633**

Analytes	Result	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	0.50	1	06/16/2017 18:12
cis-1,3-Dichloropropene	ND	0.50	1	06/16/2017 18:12
trans-1,3-Dichloropropene	ND	0.50	1	06/16/2017 18:12
Diisopropyl ether (DIPE)	ND	0.50	1	06/16/2017 18:12
Ethylbenzene	ND	0.50	1	06/16/2017 18:12
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	06/16/2017 18:12
Freon 113	ND	0.50	1	06/16/2017 18:12
Hexachlorobutadiene	ND	0.50	1	06/16/2017 18:12
Hexachloroethane	ND	0.50	1	06/16/2017 18:12
2-Hexanone	ND	0.50	1	06/16/2017 18:12
Isopropylbenzene	ND	0.50	1	06/16/2017 18:12
4-Isopropyl toluene	ND	0.50	1	06/16/2017 18:12
Methyl-t-butyl ether (MTBE)	ND	0.50	1	06/16/2017 18:12
Methylene chloride	ND	0.50	1	06/16/2017 18:12
4-Methyl-2-pentanone (MIBK)	ND	0.50	1	06/16/2017 18:12
Naphthalene	ND	0.50	1	06/16/2017 18:12
n-Propyl benzene	ND	0.50	1	06/16/2017 18:12
Styrene	ND	0.50	1	06/16/2017 18:12
1,1,1,2-Tetrachloroethane	ND	0.50	1	06/16/2017 18:12
1,1,2,2-Tetrachloroethane	ND	0.50	1	06/16/2017 18:12
Tetrachloroethene	ND	0.50	1	06/16/2017 18:12
Toluene	ND	0.50	1	06/16/2017 18:12
1,2,3-Trichlorobenzene	ND	0.50	1	06/16/2017 18:12
1,2,4-Trichlorobenzene	ND	0.50	1	06/16/2017 18:12
1,1,1-Trichloroethane	ND	0.50	1	06/16/2017 18:12
1,1,2-Trichloroethane	ND	0.50	1	06/16/2017 18:12
Trichloroethene	ND	0.50	1	06/16/2017 18:12
Trichlorofluoromethane	ND	0.50	1	06/16/2017 18:12
1,2,3-Trichloropropane	ND	0.50	1	06/16/2017 18:12
1,2,4-Trimethylbenzene	ND	0.50	1	06/16/2017 18:12
1,3,5-Trimethylbenzene	ND	0.50	1	06/16/2017 18:12
Vinyl Chloride	ND	0.50	1	06/16/2017 18:12
Xylenes, Total	ND	0.50	1	06/16/2017 18:12

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706675
Date Received:	6/14/17 15:20	**Extraction Method:**	SW5030B
Date Prepared:	6/15/17-6/21/17	**Analytical Method:**	SW8260B
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
BF-5	**1706675-010B**	**Water**	**06/13/2017 11:28**	**GC18**	**140633**

Analytes	Result	RL	DF	Date Analyzed
Surrogates	REC (%)	Limits		
Dibromofluoromethane	119	70-130		06/16/2017 18:12
Toluene-d8	100	70-130		06/16/2017 18:12
4-BFB	111	70-130		06/16/2017 18:12

Analyst(s): AK

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706675
Date Received:	6/14/17 15:20	**Extraction Method:**	SW5030B
Date Prepared:	6/15/17-6/19/17	**Analytical Method:**	SW8021B/8015Bm
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**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-1	**1706675-001A**	**Water**	**06/13/2017 13:57**	**GC3**	**140583**

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	50	1	06/15/2017 23:28
MTBE	ND	5.0	1	06/15/2017 23:28
Benzene	ND	0.50	1	06/15/2017 23:28
Toluene	ND	0.50	1	06/15/2017 23:28
Ethylbenzene	ND	0.50	1	06/15/2017 23:28
Xylenes	ND	1.5	1	06/15/2017 23:28

Surrogates	REC (%)	Limits	
aaa-TFT	102	89-115	06/15/2017 23:28

Analyst(s): HD

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-2	**1706675-002A**	**Water**	**06/13/2017 12:37**	**GC3**	**140583**

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	50	1	06/16/2017 00:00
MTBE	ND	5.0	1	06/16/2017 00:00
Benzene	ND	0.50	1	06/16/2017 00:00
Toluene	ND	0.50	1	06/16/2017 00:00
Ethylbenzene	ND	0.50	1	06/16/2017 00:00
Xylenes	ND	1.5	1	06/16/2017 00:00

Surrogates	REC (%)	Limits	
aaa-TFT	103	89-115	06/16/2017 00:00

Analyst(s): HD

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NELAP 4033ORELAP

Angela Rydelius, Lab Manager

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706675
Date Received:	6/14/17 15:20	**Extraction Method:**	SW5030B
Date Prepared:	6/15/17-6/19/17	**Analytical Method:**	SW8021B/8015Bm
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**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-3	**1706675-003A**	**Water**	**06/13/2017 12:01**	**GC3**	**140583**

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	**11,000**	2500	50	06/16/2017 16:12
MTBE	ND	250	50	06/16/2017 16:12
Benzene	**2300**	25	50	06/16/2017 16:12
Toluene	ND	25	50	06/16/2017 16:12
Ethylbenzene	**110**	25	50	06/16/2017 16:12
Xylenes	ND	75	50	06/16/2017 16:12

Surrogates	REC (%)	Limits	
aaa-TFT	95	89-115	06/16/2017 16:12

Analyst(s): HD Analytical Comments: d1

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-4	**1706675-004A**	**Water**	**06/13/2017 10:51**	**GC3**	**140583**

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	50	1	06/16/2017 01:33
MTBE	ND	5.0	1	06/16/2017 01:33
Benzene	ND	0.50	1	06/16/2017 01:33
Toluene	ND	0.50	1	06/16/2017 01:33
Ethylbenzene	ND	0.50	1	06/16/2017 01:33
Xylenes	ND	1.5	1	06/16/2017 01:33

Surrogates	REC (%)	Limits	
aaa-TFT	103	89-115	06/16/2017 01:33

Analyst(s): HD

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Angela Rydelius, Lab Manager

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706675
Date Received:	6/14/17 15:20	**Extraction Method:**	SW5030B
Date Prepared:	6/15/17-6/19/17	**Analytical Method:**	SW8021B/8015Bm
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**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-5	**1706675-005A**	**Water**	**06/13/2017 14:40**	**GC3**	**140583**

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	50	1	06/19/2017 22:54
MTBE	ND	5.0	1	06/19/2017 22:54
Benzene	ND	0.50	1	06/19/2017 22:54
Toluene	ND	0.50	1	06/19/2017 22:54
Ethylbenzene	ND	0.50	1	06/19/2017 22:54
Xylenes	ND	1.5	1	06/19/2017 22:54

Surrogates	REC (%)	Limits	
aaa-TFT	96	89-115	06/19/2017 22:54

Analyst(s): HD

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-6	**1706675-006A**	**Water**	**06/13/2017 10:05**	**GC3**	**140583**

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	**330**	50	1	06/19/2017 23:27
MTBE	ND	5.0	1	06/19/2017 23:27
Benzene	**1.4**	0.50	1	06/19/2017 23:27
Toluene	ND	0.50	1	06/19/2017 23:27
Ethylbenzene	**2.3**	0.50	1	06/19/2017 23:27
Xylenes	ND	1.5	1	06/19/2017 23:27

Surrogates	REC (%)	Qualifiers	Limits	
aaa-TFT	117	S	89-115	06/19/2017 23:27

Analyst(s): HD Analytical Comments: d1,c4

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Angela Rydelius, Lab Manager

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706675
Date Received:	6/14/17 15:20	**Extraction Method:**	SW5030B
Date Prepared:	6/15/17-6/19/17	**Analytical Method:**	SW8021B/8015Bm
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**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-7	**1706675-007A**	**Water**	**06/13/2017 16:21**	**GC3**	**140583**

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	**10,000**	2500	50	06/16/2017 17:55
MTBE	ND	250	50	06/16/2017 17:55
Benzene	**1900**	25	50	06/16/2017 17:55
Toluene	**46**	25	50	06/16/2017 17:55
Ethylbenzene	**180**	25	50	06/16/2017 17:55
Xylenes	**85**	75	50	06/16/2017 17:55

Surrogates	REC (%)	Limits	
aaa-TFT	105	89-115	06/16/2017 17:55

Analyst(s): HD Analytical Comments: d1

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
IW-1	**1706675-008A**	**Water**	**06/13/2017 15:37**	**GC3**	**140583**

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	50	1	06/19/2017 19:12
MTBE	ND	5.0	1	06/19/2017 19:12
Benzene	ND	0.50	1	06/19/2017 19:12
Toluene	ND	0.50	1	06/19/2017 19:12
Ethylbenzene	ND	0.50	1	06/19/2017 19:12
Xylenes	ND	1.5	1	06/19/2017 19:12

Surrogates	REC (%)	Limits	
aaa-TFT	101	89-115	06/19/2017 19:12

Analyst(s): HD

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706675
Date Received:	6/14/17 15:20	**Extraction Method:**	SW5030B
Date Prepared:	6/15/17-6/19/17	**Analytical Method:**	SW8021B/8015Bm
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**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
BF-1	**1706675-009A**	**Water**	**06/13/2017 13:29**	**GC7**	**140725**

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	50	1	06/19/2017 21:10
MTBE	ND	5.0	1	06/19/2017 21:10
Benzene	ND	0.50	1	06/19/2017 21:10
Toluene	ND	0.50	1	06/19/2017 21:10
Ethylbenzene	ND	0.50	1	06/19/2017 21:10
Xylenes	ND	1.5	1	06/19/2017 21:10

Surrogates	REC (%)	Limits	
aaa-TFT	95	89-115	06/19/2017 21:10

Analyst(s): HD

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
BF-5	**1706675-010A**	**Water**	**06/13/2017 11:28**	**GC3**	**140583**

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	50	1	06/19/2017 23:59
MTBE	ND	5.0	1	06/19/2017 23:59
Benzene	ND	0.50	1	06/19/2017 23:59
Toluene	ND	0.50	1	06/19/2017 23:59
Ethylbenzene	ND	0.50	1	06/19/2017 23:59
Xylenes	ND	1.5	1	06/19/2017 23:59

Surrogates	REC (%)	Limits	
aaa-TFT	97	89-115	06/19/2017 23:59

Analyst(s): HD

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Quality Control Report

Client:	AEI Consultants	**WorkOrder:**	1706675
Date Prepared:	6/15/17	**BatchID:**	140572
Date Analyzed:	6/15/17	**Extraction Method:**	SW5030B
Instrument:	GC18	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**Sample ID:**	MB/LCS-140572 1706674-001AMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Acetone	ND	168	10	200	-	84	46-155
tert-Amyl methyl ether (TAME)	ND	8.61	0.50	10	-	86	54-140
Benzene	ND	9.91	0.50	10	-	99	47-158
Bromobenzene	ND	9.11	0.50	10	-	91	50-155
Bromochloromethane	ND	9.97	0.50	10	-	100	48-160
Bromodichloromethane	ND	9.17	0.50	10	-	92	60-156
Bromoform	ND	7.87	0.50	10	-	79	43-149
Bromomethane	ND	8.72	0.50	10	-	87	61-159
2-Butanone (MEK)	ND	33.8	2.0	40	-	85	61-124
t-Butyl alcohol (TBA)	ND	29.1	2.0	40	-	73	42-140
n-Butyl benzene	ND	9.46	0.50	10	-	95	74-138
sec-Butyl benzene	ND	9.57	0.50	10	-	96	72-142
tert-Butyl benzene	ND	9.06	0.50	10	-	91	74-140
Carbon Disulfide	ND	9.58	0.50	10	-	96	64-127
Carbon Tetrachloride	ND	10.1	0.50	10	-	101	61-158
Chlorobenzene	ND	9.52	0.50	10	-	95	43-157
Chloroethane	ND	9.16	0.50	10	-	92	50-127
Chloroform	ND	9.94	0.50	10	-	99	56-154
Chloromethane	ND	8.33	0.50	10	-	83	41-132
2-Chlorotoluene	ND	9.16	0.50	10	-	92	50-155
4-Chlorotoluene	ND	9.15	0.50	10	-	92	53-153
Dibromochloromethane	ND	8.57	0.50	10	-	86	49-156
1,2-Dibromo-3-chloropropane	ND	3.01	0.20	4	-	75	46-149
1,2-Dibromoethane (EDB)	ND	9.00	0.50	10	-	90	44-155
Dibromomethane	ND	9.39	0.50	10	-	94	50-157
1,2-Dichlorobenzene	ND	9.45	0.50	10	-	94	48-156
1,3-Dichlorobenzene	ND	9.56	0.50	10	-	96	49-159
1,4-Dichlorobenzene	ND	9.44	0.50	10	-	94	51-151
Dichlorodifluoromethane	ND	8.57	0.50	10	-	86	61-117
1,1-Dichloroethane	ND	9.91	0.50	10	-	99	53-153
1,2-Dichloroethane (1,2-DCA)	ND	9.65	0.50	10	-	97	66-125
1,1-Dichloroethene	ND	9.74	0.50	10	-	97	47-149
cis-1,2-Dichloroethene	ND	10.2	0.50	10	-	102	54-155
trans-1,2-Dichloroethene	ND	10.0	0.50	10	-	100	46-151
1,2-Dichloropropane	ND	9.65	0.50	10	-	97	54-153
1,3-Dichloropropane	ND	8.95	0.50	10	-	89	49-150
2,2-Dichloropropane	ND	9.77	0.50	10	-	98	74-147

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Quality Control Report

Client:	AEI Consultants	**WorkOrder:**	1706675
Date Prepared:	6/15/17	**BatchID:**	140572
Date Analyzed:	6/15/17	**Extraction Method:**	SW5030B
Instrument:	GC18	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**Sample ID:**	MB/LCS-140572 1706674-001AMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
1,1-Dichloropropene	ND	10.0	0.50	10	-	100	54-150
cis-1,3-Dichloropropene	ND	8.90	0.50	10	-	89	55-159
trans-1,3-Dichloropropene	ND	8.69	0.50	10	-	87	74-131
Diisopropyl ether (DIPE)	ND	9.42	0.50	10	-	94	57-136
Ethylbenzene	ND	9.56	0.50	10	-	96	60-152
Ethyl tert-butyl ether (ETBE)	ND	9.14	0.50	10	-	91	55-137
Freon 113	ND	10.4	0.50	10	-	104	47-138
Hexachlorobutadiene	ND	9.84	0.50	10	-	98	66-160
Hexachloroethane	ND	8.30	0.50	10	-	83	75-130
2-Hexanone	ND	7.67	0.50	10	-	77	70-115
Isopropylbenzene	ND	9.33	0.50	10	-	93	59-156
4-Isopropyl toluene	ND	9.31	0.50	10	-	93	75-138
Methyl-t-butyl ether (MTBE)	ND	8.96	0.50	10	-	90	53-139
Methylene chloride	ND	10.0	0.50	10	-	100	66-127
4-Methyl-2-pentanone (MIBK)	ND	7.90	0.50	10	-	79	42-153
Naphthalene	ND	7.82	0.50	10	-	78	66-127
n-Propyl benzene	ND	9.51	0.50	10	-	95	54-155
Styrene	ND	8.87	0.50	10	-	89	51-152
1,1,1,2-Tetrachloroethane	ND	9.27	0.50	10	-	93	58-159
1,1,2,2-Tetrachloroethane	ND	7.93	0.50	10	-	79	51-150
Tetrachloroethene	ND	9.97	0.50	10	-	100	55-145
Toluene	ND	9.14	0.50	10	-	91	52-137
1,2,3-Trichlorobenzene	ND	9.40	0.50	10	-	94	70-136
1,2,4-Trichlorobenzene	ND	9.17	0.50	10	-	92	74-137
1,1,1-Trichloroethane	ND	10.1	0.50	10	-	101	57-156
1,1,2-Trichloroethane	ND	8.80	0.50	10	-	88	51-150
Trichloroethene	ND	10.2	0.50	10	-	102	43-157
Trichlorofluoromethane	ND	10.4	0.50	10	-	104	50-147
1,2,3-Trichloropropane	ND	8.54	0.50	10	-	85	41-152
1,2,4-Trimethylbenzene	ND	9.09	0.50	10	-	91	57-157
1,3,5-Trimethylbenzene	ND	9.12	0.50	10	-	91	56-159
Vinyl Chloride	ND	9.13	0.50	10	-	91	42-137
Xylenes, Total	ND	27.4	0.50	30	-	91	70-130

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Quality Control Report

Client:	AEI Consultants	**WorkOrder:**	1706675
Date Prepared:	6/15/17	**BatchID:**	140572
Date Analyzed:	6/15/17	**Extraction Method:**	SW5030B
Instrument:	GC18	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**Sample ID:**	MB/LCS-140572 1706674-001AMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Surrogate Recovery							
Dibromofluoromethane	28.15	28.2		25	113	113	70-130
Toluene-d8	25.65	25.7		25	103	103	70-130
4-BFB	2.455	2.67		2.5	98	107	70-130

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Quality Control Report

Client:	AEI Consultants	**WorkOrder:**	1706675
Date Prepared:	6/15/17	**BatchID:**	140572
Date Analyzed:	6/15/17	**Extraction Method:**	SW5030B
Instrument:	GC18	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**Sample ID:**	MB/LCS-140572 1706674-001AMS/MSD

QC Summary Report for SW8260B

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Acetone	218	215	200	ND	109	107	66-158	1.69	20
tert-Amyl methyl ether (TAME)	10.6	10.9	10	ND	106	109	69-139	3.31	20
Benzene	10.4	10.4	10	ND	105	104	69-141	0.712	20
Bromobenzene	9.90	9.92	10	ND	99	99	70-127	0	20
Bromochloromethane	11.1	11.0	10	ND	111	110	72-142	0.896	20
Bromodichloromethane	10.4	10.4	10	ND	103	104	75-141	0.181	20
Bromoform	9.58	9.72	10	ND	96	97	72-126	1.44	20
Bromomethane	6.96	7.64	10	ND	70	76	50-160	9.31	20
2-Butanone (MEK)	45.4	44.7	40	ND	113	112	69-154	1.44	20
t-Butyl alcohol (TBA)	42.2	42.3	40	ND	105	106	41-152	0.405	20
n-Butyl benzene	9.51	9.35	10	ND	95	94	70-134	1.65	20
sec-Butyl benzene	9.49	9.61	10	ND	95	96	73-131	1.30	20
tert-Butyl benzene	9.14	9.29	10	ND	91	93	71-125	1.54	20
Carbon Disulfide	9.71	9.60	10	ND	97	96	63-158	1.12	20
Carbon Tetrachloride	10.4	10.3	10	ND	104	103	72-143	0.387	20
Chlorobenzene	10.0	9.89	10	ND	100	99	77-120	1.22	20
Chloroethane	8.49	8.39	10	ND	85	84	54-131	1.13	20
Chloroform	10.8	10.8	10	ND	106	106	75-139	0	20
Chloromethane	6.42	6.44	10	ND	64	64	40-130	0	20
2-Chlorotoluene	9.37	9.58	10	ND	94	96	70-122	2.22	20
4-Chlorotoluene	9.35	9.58	10	ND	93	96	71-123	2.45	20
Dibromochloromethane	9.86	9.91	10	ND	99	99	78-132	0	20
1,2-Dibromo-3-chloropropane	3.59	3.55	4	ND	90	89	59-143	0.951	20
1,2-Dibromoethane (EDB)	10.4	10.4	10	ND	104	104	76-135	0	20
Dibromomethane	11.0	10.9	10	ND	110	109	78-135	0.574	20
1,2-Dichlorobenzene	10.3	10.1	10	ND	103	101	68-133	2.23	20
1,3-Dichlorobenzene	9.94	9.88	10	ND	99	99	78-122	0	20
1,4-Dichlorobenzene	10.0	9.89	10	ND	100	99	80-117	1.53	20
Dichlorodifluoromethane	7.56	7.44	10	ND	76	74	38-125	1.66	20
1,1-Dichloroethane	10.4	10.3	10	ND	104	103	65-152	0.766	20
1,2-Dichloroethane (1,2-DCA)	11.1	11.1	10	ND	111	111	73-139	0	20
1,1-Dichloroethene	9.81	9.69	10	ND	98	97	59-140	1.28	20
cis-1,2-Dichloroethene	10.8	10.6	10	ND	107	106	50-154	1.34	20
trans-1,2-Dichloroethene	10.4	10.3	10	ND	104	103	69-136	0.491	20
1,2-Dichloropropane	10.7	10.6	10	ND	107	106	78-132	0.332	20
1,3-Dichloropropane	10.2	10.0	10	ND	102	100	77-131	1.76	20
2,2-Dichloropropane	10.1	9.91	10	ND	101	99	61-160	2.14	20

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Quality Control Report

Client:	AEI Consultants	**WorkOrder:**	1706675
Date Prepared:	6/15/17	**BatchID:**	140572
Date Analyzed:	6/15/17	**Extraction Method:**	SW5030B
Instrument:	GC18	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**Sample ID:**	MB/LCS-140572 1706674-001AMS/MSD

QC Summary Report for SW8260B

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
1,1-Dichloropropene	10.3	10.2	10	ND	103	102	70-137	1.23	20
cis-1,3-Dichloropropene	9.64	9.58	10	ND	96	96	78-135	0	20
trans-1,3-Dichloropropene	9.72	9.67	10	ND	97	97	78-131	0	20
Diisopropyl ether (DIPE)	10.9	10.9	10	ND	109	109	72-140	0	20
Ethylbenzene	9.77	9.66	10	ND	98	97	73-128	1.10	20
Ethyl tert-butyl ether (ETBE)	10.9	10.9	10	ND	109	109	71-140	0	20
Freon 113	10.6	10.6	10	ND	106	106	60-136	0	20
Hexachlorobutadiene	9.84	9.49	10	ND	98	95	56-132	3.54	20
Hexachloroethane	8.64	8.64	10	ND	86	86	61-129	0	20
2-Hexanone	10.1	10.0	10	ND	101	100	57-149	1.02	20
Isopropylbenzene	9.30	9.22	10	ND	93	92	69-130	0.786	20
4-Isopropyl toluene	9.34	9.33	10	ND	93	93	75-124	0	20
Methyl-t-butyl ether (MTBE)	11.0	11.1	10	ND	110	111	73-139	0.667	20
Methylene chloride	10.9	10.8	10	ND	109	108	74-128	0.556	20
4-Methyl-2-pentanone (MIBK)	10.2	10.0	10	ND	102	100	61-145	1.60	20
Naphthalene	10.8	10.6	10	ND	108	106	54-148	1.24	20
n-Propyl benzene	9.41	9.64	10	ND	94	96	71-121	2.42	20
Styrene	9.57	9.68	10	ND	96	97	56-140	1.04	20
1,1,1,2-Tetrachloroethane	10.1	10.1	10	ND	101	101	74-127	0	20
1,1,2,2-Tetrachloroethane	9.52	9.34	10	ND	95	93	63-142	1.90	20
Tetrachloroethene	9.89	9.80	10	ND	99	98	71-125	0.886	20
Toluene	9.31	9.16	10	ND	93	92	71-128	1.61	20
1,2,3-Trichlorobenzene	13.0	12.8	10	ND	130	128	59-135	2.01	20
1,2,4-Trichlorobenzene	10.8	10.7	10	ND	108	107	60-132	1.44	20
1,1,1-Trichloroethane	10.4	10.4	10	ND	104	103	75-138	1.00	20
1,1,2-Trichloroethane	10.1	10.1	10	ND	101	101	78-129	0	20
Trichloroethene	10.6	10.6	10	ND	106	105	64-132	0.641	20
Trichlorofluoromethane	10.3	10.2	10	ND	103	102	53-159	1.32	20
1,2,3-Trichloropropane	10.2	10.2	10	ND	102	102	68-130	0	20
1,2,4-Trimethylbenzene	9.39	9.35	10	ND	94	94	76-124	0	20
1,3,5-Trimethylbenzene	9.22	9.28	10	ND	92	93	77-124	0.636	20
Vinyl Chloride	7.96	7.85	10	ND	80	79	43-142	1.41	20
Xylenes, Total	28.7	28.9	30	ND	96	96	70-130	0	20

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Quality Control Report

Client:	AEI Consultants	**WorkOrder:**	1706675
Date Prepared:	6/15/17	**BatchID:**	140572
Date Analyzed:	6/15/17	**Extraction Method:**	SW5030B
Instrument:	GC18	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**Sample ID:**	MB/LCS-140572 1706674-001AMS/MSD

QC Summary Report for SW8260B

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Surrogate Recovery									
Dibromofluoromethane	29.5	29.7	25		118	119	73-131	0.767	20
Toluene-d8	25.0	24.7	25		100	99	72-117	1.05	20
4-BFB	2.78	2.83	2.5		111	113	74-116	1.75	20

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Quality Control Report

Client:	AEI Consultants	**WorkOrder:**	1706675
Date Prepared:	6/15/17	**BatchID:**	140575
Date Analyzed:	6/15/17	**Extraction Method:**	SW5030B
Instrument:	GC16	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**Sample ID:**	MB/LCS-140575

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Acetone	ND	202	10	200	-	101	46-155
tert-Amyl methyl ether (TAME)	ND	10.5	0.50	10	-	105	54-140
Benzene	ND	10.6	0.50	10	-	106	47-158
Bromobenzene	ND	7.08	0.50	10	-	71	50-155
Bromochloromethane	ND	10.4	0.50	10	-	104	48-160
Bromodichloromethane	ND	10.2	0.50	10	-	102	60-156
Bromoform	ND	9.25	0.50	10	-	93	43-149
Bromomethane	ND	11.2	0.50	10	-	112	61-159
2-Butanone (MEK)	ND	42.0	2.0	40	-	105	61-124
t-Butyl alcohol (TBA)	ND	36.1	2.0	40	-	90	42-140
n-Butyl benzene	ND	9.54	0.50	10	-	95	74-138
sec-Butyl benzene	ND	8.95	0.50	10	-	90	72-142
tert-Butyl benzene	ND	7.69	0.50	10	-	77	74-140
Carbon Disulfide	ND	9.54	0.50	10	-	95	64-127
Carbon Tetrachloride	ND	10.5	0.50	10	-	105	61-158
Chlorobenzene	ND	9.02	0.50	10	-	90	43-157
Chloroethane	ND	11.5	0.50	10	-	115	50-127
Chloroform	ND	11.2	0.50	10	-	112	56-154
Chloromethane	ND	11.0	0.50	10	-	111	41-132
2-Chlorotoluene	ND	8.20	0.50	10	-	82	50-155
4-Chlorotoluene	ND	7.77	0.50	10	-	78	53-153
Dibromochloromethane	ND	9.44	0.50	10	-	94	49-156
1,2-Dibromo-3-chloropropane	ND	2.82	0.20	4	-	70	46-149
1,2-Dibromoethane (EDB)	ND	9.61	0.50	10	-	96	44-155
Dibromomethane	ND	10.3	0.50	10	-	103	50-157
1,2-Dichlorobenzene	ND	8.71	0.50	10	-	87	48-156
1,3-Dichlorobenzene	ND	9.28	0.50	10	-	93	49-159
1,4-Dichlorobenzene	ND	8.56	0.50	10	-	86	51-151
Dichlorodifluoromethane	ND	7.65	0.50	10	-	77	61-117
1,1-Dichloroethane	ND	10.6	0.50	10	-	106	53-153
1,2-Dichloroethane (1,2-DCA)	ND	11.1	0.50	10	-	111	66-125
1,1-Dichloroethene	ND	9.92	0.50	10	-	99	47-149
cis-1,2-Dichloroethene	ND	10.4	0.50	10	-	104	54-155
trans-1,2-Dichloroethene	ND	10.4	0.50	10	-	104	46-151
1,2-Dichloropropane	ND	10.4	0.50	10	-	104	54-153
1,3-Dichloropropane	ND	10.0	0.50	10	-	100	49-150
2,2-Dichloropropane	ND	10.7	0.50	10	-	107	74-147

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Quality Control Report

Client:	AEI Consultants	**WorkOrder:**	1706675
Date Prepared:	6/15/17	**BatchID:**	140575
Date Analyzed:	6/15/17	**Extraction Method:**	SW5030B
Instrument:	GC16	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**Sample ID:**	MB/LCS-140575

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
1,1-Dichloropropene	ND	10.7	0.50	10	-	107	54-150
cis-1,3-Dichloropropene	ND	9.91	0.50	10	-	99	55-159
trans-1,3-Dichloropropene	ND	10.6	0.50	10	-	106	74-131
Diisopropyl ether (DIPE)	ND	11.0	0.50	10	-	110	57-136
Ethylbenzene	ND	10.6	0.50	10	-	106	60-152
Ethyl tert-butyl ether (ETBE)	ND	11.3	0.50	10	-	113	55-137
Freon 113	ND	10.2	0.50	10	-	102	47-138
Hexachlorobutadiene	ND	8.06	0.50	10	-	81	66-160
Hexachloroethane	ND	8.28	0.50	10	-	83	75-130
2-Hexanone	ND	9.25	0.50	10	-	93	70-115
Isopropylbenzene	ND	9.32	0.50	10	-	93	59-156
4-Isopropyl toluene	ND	8.82	0.50	10	-	88	75-138
Methyl-t-butyl ether (MTBE)	ND	11.0	0.50	10	-	110	53-139
Methylene chloride	ND	9.34	0.50	10	-	93	66-127
4-Methyl-2-pentanone (MIBK)	ND	9.25	0.50	10	-	93	42-153
Naphthalene	ND	7.36	0.50	10	-	74	66-127
n-Propyl benzene	ND	8.33	0.50	10	-	83	54-155
Styrene	ND	9.02	0.50	10	-	90	51-152
1,1,1,2-Tetrachloroethane	ND	9.37	0.50	10	-	94	58-159
1,1,2,2-Tetrachloroethane	ND	8.15	0.50	10	-	82	51-150
Tetrachloroethene	ND	9.06	0.50	10	-	91	55-145
Toluene	ND	9.76	0.50	10	-	98	52-137
1,2,3-Trichlorobenzene	ND	7.98	0.50	10	-	80	70-136
1,2,4-Trichlorobenzene	ND	8.15	0.50	10	-	82	74-137
1,1,1-Trichloroethane	ND	10.5	0.50	10	-	105	57-156
1,1,2-Trichloroethane	ND	9.60	0.50	10	-	96	51-150
Trichloroethene	ND	9.63	0.50	10	-	96	43-157
Trichlorofluoromethane	ND	10.3	0.50	10	-	103	50-147
1,2,3-Trichloropropane	ND	8.43	0.50	10	-	84	41-152
1,2,4-Trimethylbenzene	ND	8.91	0.50	10	-	89	57-157
1,3,5-Trimethylbenzene	ND	8.69	0.50	10	-	87	56-159
Vinyl Chloride	ND	10.9	0.50	10	-	109	42-137
Xylenes, Total	ND	27.4	0.50	30	-	91	70-130

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Quality Control Report

Client:	AEI Consultants	**WorkOrder:**	1706675
Date Prepared:	6/15/17	**BatchID:**	140575
Date Analyzed:	6/15/17	**Extraction Method:**	SW5030B
Instrument:	GC16	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**Sample ID:**	MB/LCS-140575

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Surrogate Recovery							
Dibromofluoromethane	29.33	30.7		25	117	123	70-130
Toluene-d8	28.77	28.6		25	115	114	70-130
4-BFB	2.185	2.19		2.5	87	88	70-130

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Quality Control Report

Client:	AEI Consultants	**WorkOrder:**	1706675
Date Prepared:	6/16/17	**BatchID:**	140633
Date Analyzed:	6/16/17	**Extraction Method:**	SW5030B
Instrument:	GC18	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**Sample ID:**	MB/LCS-140633 1706675-010BMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Acetone	ND	159	10	200	-	80	46-155
tert-Amyl methyl ether (TAME)	ND	9.23	0.50	10	-	92	54-140
Benzene	ND	10.2	0.50	10	-	102	47-158
Bromobenzene	ND	9.75	0.50	10	-	98	50-155
Bromochloromethane	ND	10.5	0.50	10	-	105	48-160
Bromodichloromethane	ND	10.0	0.50	10	-	100	60-156
Bromoform	ND	8.84	0.50	10	-	88	43-149
Bromomethane	ND	9.12	0.50	10	-	91	61-159
2-Butanone (MEK)	ND	33.0	2.0	40	-	83	61-124
t-Butyl alcohol (TBA)	ND	31.0	2.0	40	-	77	42-140
n-Butyl benzene	ND	9.49	0.50	10	-	95	74-138
sec-Butyl benzene	ND	9.84	0.50	10	-	98	72-142
tert-Butyl benzene	ND	9.87	0.50	10	-	99	74-140
Carbon Disulfide	ND	9.80	0.50	10	-	98	64-127
Carbon Tetrachloride	ND	10.9	0.50	10	-	109	61-158
Chlorobenzene	ND	10.2	0.50	10	-	102	43-157
Chloroethane	ND	9.89	0.50	10	-	99	50-127
Chloroform	ND	10.3	0.50	10	-	103	56-154
Chloromethane	ND	8.76	0.50	10	-	88	41-132
2-Chlorotoluene	ND	9.92	0.50	10	-	99	50-155
4-Chlorotoluene	ND	9.72	0.50	10	-	97	53-153
Dibromochloromethane	ND	9.56	0.50	10	-	96	49-156
1,2-Dibromo-3-chloropropane	ND	3.03	0.20	4	-	76	46-149
1,2-Dibromoethane (EDB)	ND	9.16	0.50	10	-	92	44-155
Dibromomethane	ND	9.75	0.50	10	-	97	50-157
1,2-Dichlorobenzene	ND	9.66	0.50	10	-	97	48-156
1,3-Dichlorobenzene	ND	9.87	0.50	10	-	99	49-159
1,4-Dichlorobenzene	ND	9.71	0.50	10	-	97	51-151
Dichlorodifluoromethane	ND	8.44	0.50	10	-	84	61-117
1,1-Dichloroethane	ND	10.5	0.50	10	-	105	53-153
1,2-Dichloroethane (1,2-DCA)	ND	10.2	0.50	10	-	102	66-125
1,1-Dichloroethene	ND	9.97	0.50	10	-	100	47-149
cis-1,2-Dichloroethene	ND	10.3	0.50	10	-	103	54-155
trans-1,2-Dichloroethene	ND	10.3	0.50	10	-	103	46-151
1,2-Dichloropropane	ND	10.4	0.50	10	-	104	54-153
1,3-Dichloropropane	ND	9.35	0.50	10	-	94	49-150
2,2-Dichloropropane	ND	10.6	0.50	10	-	107	74-147

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Quality Control Report

Client:	AEI Consultants	**WorkOrder:**	1706675
Date Prepared:	6/16/17	**BatchID:**	140633
Date Analyzed:	6/16/17	**Extraction Method:**	SW5030B
Instrument:	GC18	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**Sample ID:**	MB/LCS-140633 1706675-010BMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
1,1-Dichloropropene	ND	10.6	0.50	10	-	106	54-150
cis-1,3-Dichloropropene	ND	9.81	0.50	10	-	98	55-159
trans-1,3-Dichloropropene	ND	9.48	0.50	10	-	95	74-131
Diisopropyl ether (DIPE)	ND	9.95	0.50	10	-	99	57-136
Ethylbenzene	ND	9.81	0.50	10	-	98	60-152
Ethyl tert-butyl ether (ETBE)	ND	9.68	0.50	10	-	97	55-137
Freon 113	ND	10.6	0.50	10	-	106	47-138
Hexachlorobutadiene	ND	10.2	0.50	10	-	102	66-160
Hexachloroethane	ND	9.39	0.50	10	-	94	75-130
2-Hexanone	ND	7.65	0.50	10	-	77	70-115
Isopropylbenzene	ND	9.72	0.50	10	-	97	59-156
4-Isopropyl toluene	ND	9.61	0.50	10	-	96	75-138
Methyl-t-butyl ether (MTBE)	ND	9.16	0.50	10	-	92	53-139
Methylene chloride	ND	10.3	0.50	10	-	103	66-127
4-Methyl-2-pentanone (MIBK)	ND	7.94	0.50	10	-	79	42-153
Naphthalene	ND	7.89	0.50	10	-	79	66-127
n-Propyl benzene	ND	10.4	0.50	10	-	104	54-155
Styrene	ND	9.56	0.50	10	-	96	51-152
1,1,1,2-Tetrachloroethane	ND	10.3	0.50	10	-	103	58-159
1,1,2,2-Tetrachloroethane	ND	7.70	0.50	10	-	77	51-150
Tetrachloroethene	ND	10.3	0.50	10	-	103	55-145
Toluene	ND	9.54	0.50	10	-	95	52-137
1,2,3-Trichlorobenzene	ND	10.0	0.50	10	-	100	70-136
1,2,4-Trichlorobenzene	ND	9.70	0.50	10	-	97	74-137
1,1,1-Trichloroethane	ND	10.4	0.50	10	-	104	57-156
1,1,2-Trichloroethane	ND	8.98	0.50	10	-	90	51-150
Trichloroethene	ND	10.8	0.50	10	-	109	43-157
Trichlorofluoromethane	ND	10.6	0.50	10	-	106	50-147
1,2,3-Trichloropropane	ND	8.21	0.50	10	-	82	41-152
1,2,4-Trimethylbenzene	ND	9.52	0.50	10	-	95	57-157
1,3,5-Trimethylbenzene	ND	9.53	0.50	10	-	95	56-159
Vinyl Chloride	ND	10.0	0.50	10	-	101	42-137
Xylenes, Total	ND	29.6	0.50	30	-	99	70-130

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Quality Control Report

Client:	AEI Consultants	**WorkOrder:**	1706675
Date Prepared:	6/16/17	**BatchID:**	140633
Date Analyzed:	6/16/17	**Extraction Method:**	SW5030B
Instrument:	GC18	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**Sample ID:**	MB/LCS-140633 1706675-010BMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Surrogate Recovery							
Dibromofluoromethane	29.15	28.8		25	117	115	70-130
Toluene-d8	25.53	25.8		25	102	103	70-130
4-BFB	2.738	2.89		2.5	110	116	70-130

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Quality Control Report

Client:	AEI Consultants	**WorkOrder:**	1706675
Date Prepared:	6/16/17	**BatchID:**	140633
Date Analyzed:	6/16/17	**Extraction Method:**	SW5030B
Instrument:	GC18	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**Sample ID:**	MB/LCS-140633 1706675-010BMS/MSD

QC Summary Report for SW8260B

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Acetone	201	209	200	ND	99	102	66-158	3.70	20
tert-Amyl methyl ether (TAME)	9.46	10.9	10	ND	95	109	69-139	14.5	20
Benzene	8.80	10.3	10	ND	88	103	69-141	15.7	20
Bromobenzene	8.76	9.97	10	ND	88	100	70-127	13.0	20
Bromochloromethane	9.78	11.0	10	ND	98	110	72-142	11.9	20
Bromodichloromethane	9.04	10.4	10	ND	90	104	75-141	13.6	20
Bromoform	9.49	10.3	10	ND	95	103	72-126	8.28	20
Bromomethane	6.82	8.40	10	ND	68	84	50-160	20.8,F1	20
2-Butanone (MEK)	42.3	44.7	40	ND	106	112	69-154	5.57	20
t-Butyl alcohol (TBA)	38.5	42.4	40	ND	96	106	41-152	9.84	20
n-Butyl benzene	8.07	9.43	10	ND	81	94	70-134	15.6	20
sec-Butyl benzene	8.12	9.54	10	ND	81	95	73-131	16.2	20
tert-Butyl benzene	8.10	9.53	10	ND	81	95	71-125	16.2	20
Carbon Disulfide	8.13	9.65	10	ND	81	96	63-158	17.1	20
Carbon Tetrachloride	8.73	10.5	10	ND	87	105	72-143	18.4	20
Chlorobenzene	9.10	10.4	10	ND	91	104	77-120	13.5	20
Chloroethane	7.61	9.04	10	ND	76	90	54-131	17.2	20
Chloroform	9.09	10.5	10	ND	89	103	75-139	14.3	20
Chloromethane	6.08	7.32	10	ND	61	73	40-130	18.6	20
2-Chlorotoluene	8.48	9.74	10	ND	85	97	70-122	13.8	20
4-Chlorotoluene	8.48	9.76	10	ND	85	98	71-123	14.1	20
Dibromochloromethane	9.41	10.5	10	ND	94	105	78-132	11.1	20
1,2-Dibromo-3-chloropropane	3.62	3.92	4	ND	90	98	59-143	8.01	20
1,2-Dibromoethane (EDB)	9.89	10.8	10	ND	99	108	76-135	8.70	20
Dibromomethane	9.77	10.9	10	ND	98	109	78-135	11.2	20
1,2-Dichlorobenzene	9.00	10.3	10	ND	90	103	68-133	13.5	20
1,3-Dichlorobenzene	8.82	10.1	10	ND	88	101	78-122	13.5	20
1,4-Dichlorobenzene	8.83	10.1	10	ND	88	101	80-117	13.4	20
Dichlorodifluoromethane	6.22	7.35	10	ND	62	73	38-125	16.7	20
1,1-Dichloroethane	9.08	10.6	10	ND	91	106	65-152	15.4	20
1,2-Dichloroethane (1,2-DCA)	10.1	11.3	10	ND	101	113	73-139	11.1	20
1,1-Dichloroethene	8.18	9.78	10	ND	82	98	59-140	17.8	20
cis-1,2-Dichloroethene	9.13	10.6	10	ND	91	106	50-154	14.8	20
trans-1,2-Dichloroethene	8.64	10.2	10	ND	86	102	69-136	16.8	20
1,2-Dichloropropane	9.41	10.8	10	ND	94	108	78-132	14.1	20
1,3-Dichloropropane	9.74	10.8	10	ND	97	108	77-131	10.5	20
2,2-Dichloropropane	8.84	10.3	10	ND	88	103	61-160	15.4	20

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Quality Control Report

Client:	AEI Consultants	**WorkOrder:**	1706675
Date Prepared:	6/16/17	**BatchID:**	140633
Date Analyzed:	6/16/17	**Extraction Method:**	SW5030B
Instrument:	GC18	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**Sample ID:**	MB/LCS-140633 1706675-010BMS/MSD

QC Summary Report for SW8260B

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
1,1-Dichloropropene	8.74	10.4	10	ND	87	104	70-137	17.7	20
cis-1,3-Dichloropropene	9.20	10.4	10	ND	92	104	78-135	12.4	20
trans-1,3-Dichloropropene	9.44	10.5	10	ND	94	105	78-131	10.3	20
Diisopropyl ether (DIPE)	9.56	10.8	10	ND	96	108	72-140	12.4	20
Ethylbenzene	8.49	9.83	10	ND	85	98	73-128	14.6	20
Ethyl tert-butyl ether (ETBE)	9.66	10.8	10	ND	97	108	71-140	11.1	20
Freon 113	8.83	10.6	10	ND	88	106	60-136	17.8	20
Hexachlorobutadiene	8.41	10.2	10	ND	84	102	56-132	19.2	20
Hexachloroethane	7.51	9.06	10	ND	75	91	61-129	18.7	20
2-Hexanone	10.2	10.8	10	ND	102	108	57-149	5.62	20
Isopropylbenzene	7.93	9.22	10	ND	79	92	69-130	15.1	20
4-Isopropyl toluene	8.12	9.50	10	ND	81	95	75-124	15.7	20
Methyl-t-butyl ether (MTBE)	9.84	10.8	10	ND	98	109	73-139	9.76	20
Methylene chloride	9.29	10.7	10	ND	93	107	74-128	14.1	20
4-Methyl-2-pentanone (MIBK)	10.2	10.8	10	ND	102	108	61-145	6.14	20
Naphthalene	9.63	10.5	10	ND	96	105	54-148	8.49	20
n-Propyl benzene	8.34	9.85	10	ND	83	99	71-121	16.6	20
Styrene	8.62	9.80	10	ND	86	98	56-140	12.8	20
1,1,1,2-Tetrachloroethane	9.31	10.6	10	ND	93	106	74-127	13.0	20
1,1,2,2-Tetrachloroethane	8.86	9.70	10	ND	89	97	63-142	9.04	20
Tetrachloroethene	8.72	10.4	10	ND	87	104	71-125	17.8	20
Toluene	8.24	9.64	10	ND	82	96	71-128	15.6	20
1,2,3-Trichlorobenzene	11.1	12.5	10	ND	111	125	59-135	11.3	20
1,2,4-Trichlorobenzene	9.50	11.0	10	ND	95	110	60-132	14.4	20
1,1,1-Trichloroethane	8.64	10.4	10	ND	86	103	75-138	18.0	20
1,1,2-Trichloroethane	9.41	10.4	10	ND	94	104	78-129	10.0	20
Trichloroethene	9.00	10.7	10	ND	90	107	64-132	17.4	20
Trichlorofluoromethane	8.67	10.4	10	ND	87	104	53-159	17.8	20
1,2,3-Trichloropropane	9.66	10.2	10	ND	97	102	68-130	5.70	20
1,2,4-Trimethylbenzene	8.12	9.45	10	ND	81	95	76-124	15.1	20
1,3,5-Trimethylbenzene	8.07	9.32	10	ND	81	93	77-124	14.4	20
Vinyl Chloride	7.28	8.77	10	ND	73	88	43-142	18.6	20
Xylenes, Total	25.6	29.3	30	ND	85	98	70-130	13.8	20

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(Cont.)

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Quality Control Report

Client:	AEI Consultants	**WorkOrder:**	1706675
Date Prepared:	6/16/17	**BatchID:**	140633
Date Analyzed:	6/16/17	**Extraction Method:**	SW5030B
Instrument:	GC18	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**Sample ID:**	MB/LCS-140633 1706675-010BMS/MSD

QC Summary Report for SW8260B

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Surrogate Recovery									
Dibromofluoromethane	28.7	28.8	25		115	115	73-131	0	20
Toluene-d8	25.5	25.5	25		102	102	72-117	0	20
4-BFB	2.82	2.78	2.5		113	111	74-116	1.52	20

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Quality Control Report

Client:	AEI Consultants	**WorkOrder:**	1706675
Date Prepared:	6/15/17	**BatchID:**	140583
Date Analyzed:	6/15/17	**Extraction Method:**	SW5030B
Instrument:	GC3	**Analytical Method:**	SW8021B/8015Bm
Matrix:	Water	**Unit:**	µg/L
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**Sample ID:**	MB/LCS-140583 1706663-010AMS/MSD

QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
TPH(btex)	ND	46.8	40	60	-	78	78-116
MTBE	ND	10.7	5.0	10	-	107	72-122
Benzene	ND	9.16	0.50	10	-	92	81-123
Toluene	ND	9.75	0.50	10	-	97	83-129
Ethylbenzene	ND	10.2	0.50	10	-	102	88-126
Xylenes	ND	32.2	1.5	30	-	107	87-131
Surrogate Recovery							
aaa-TFT	9.968	9.79		10	100	98	89-116

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
TPH(btex)	48.9	49.8	60	ND	81	83	63-133	1.96	20
MTBE	11.3	10.7	10	ND	113	107	69-122	5.90	20
Benzene	9.64	9.14	10	ND	95	90	84-125	5.36	20
Toluene	9.96	9.39	10	ND	100	94	87-131	5.82	20
Ethylbenzene	10.6	10.1	10	ND	106	101	92-126	4.72	20
Xylenes	33.4	31.7	30	ND	111	106	88-132	5.22	20
Surrogate Recovery									
aaa-TFT	9.72	9.49	10		97	95	90-117	2.39	20

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(Cont.)

NELAP 4033ORELAP

QA/QC Officer

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Quality Control Report

Client:	AEI Consultants	**WorkOrder:**	1706675
Date Prepared:	6/19/17	**BatchID:**	140725
Date Analyzed:	6/19/17	**Extraction Method:**	SW5030B
Instrument:	GC7	**Analytical Method:**	SW8021B/8015Bm
Matrix:	Water	**Unit:**	µg/L
Project:	281939; Zimmerman, 3442 Adeline St. Oakland, CA	**Sample ID:**	MB/LCS-140725 1706640-026AMS/MSD

QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
TPH(btex)	ND	50.3	40	60	-	84	78-116
MTBE	ND	11.1	5.0	10	-	111	72-122
Benzene	ND	9.67	0.50	10	-	97	81-123
Toluene	ND	11.2	0.50	10	-	112	83-129
Ethylbenzene	ND	10.8	0.50	10	-	108	88-126
Xylenes	ND	33.3	1.5	30	-	111	87-131
Surrogate Recovery							
aaa-TFT	9.442	9.98		10	94	100	89-116

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
TPH(btex)	53.2	52.7	60	ND	89	88	63-133	1.03	20
MTBE	12.2	11.5	10	ND	122	115	69-122	5.76	20
Benzene	10.7	10.2	10	ND	106	101	84-125	4.96	20
Toluene	12.4	11.8	10	ND	124	118	87-131	5.70	20
Ethylbenzene	11.4	10.8	10	ND	113	108	92-126	5.03	20
Xylenes	31.7	30.4	30	ND	106	101	88-132	4.01	20
Surrogate Recovery									
aaa-TFT	10.8	10.6	10		108	106	90-117	2.68	20

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CHAIN-OF-CUSTODY RECORD

WorkOrder: 1706675 **ClientCode: AEL**

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Jonathan Sanders
AEI Consultants
2500 Camino Diablo, Ste.#200
Walnut Creek, CA 94597
(925) 283-6000 FAX: (925) 944-2895

Email: jsanders@aeiconsultants.com
cc/3rd Party:
PO: 134736
ProjectNo: 281939; Zimmerman; 3442 Adeline St. Oakland, CA

Bill to:
Accounts Payable
AEI Consultants
2500 Camino Diablo, Ste. #200
Walnut Creek, CA 94597
AccountsPayable@AEIConsultants.com

Requested TAT: 5 days;

Date Received: 06/14/2017
Date Logged: 06/14/2017

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
1706675-001	MW-1	Water	6/13/2017 13:57	☐	B	A	A									
1706675-002	MW-2	Water	6/13/2017 12:37	☐	B	A										
1706675-003	MW-3	Water	6/13/2017 12:01	☐	B	A										
1706675-004	MW-4	Water	6/13/2017 10:51	☐	B	A										
1706675-005	MW-5	Water	6/13/2017 14:40	☐	B	A										
1706675-006	MW-6	Water	6/13/2017 10:05	☐	B	A										
1706675-007	MW-7	Water	6/13/2017 16:21	☐	B	A										
1706675-008	IW-1	Water	6/13/2017 15:37	☐	B	A										
1706675-009	BF-1	Water	6/13/2017 13:29	☐	B	A										
1706675-010	BF-5	Water	6/13/2017 11:28	☐	B	A										

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Test Legend:

1	8260B_W	2	G-MBTEX_W	3	PREDF REPORT	4	
5		6		7		8	
9		10		11		12	

Prepared by: Kena Ponce

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.

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WORK ORDER SUMMARY

Client Name: AEI CONSULTANTS
Client Contact: Jonathan Sanders
Contact's Email: jsanders@aeiconsultants.com

Project: 281939; Zimmerman; 3442 Adeline St. Oakland, CA
Comments:

Work Order: 1706675
QC Level: LEVEL 2
Date Logged: 6/14/2017

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ Fax ☑ 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
1706675-001A	MW-1	Water	SW8021B/8015Bm (G/MBTEX)	2	VOA w/ HCl	☐	6/13/2017 13:57	5 days	Trace	☐	
1706675-001B	MW-1	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	6/13/2017 13:57	5 days	Trace	☐	
1706675-002A	MW-2	Water	SW8021B/8015Bm (G/MBTEX)	2	VOA w/ HCl	☐	6/13/2017 12:37	5 days	Trace	☐	
1706675-002B	MW-2	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	6/13/2017 12:37	5 days	Trace	☐	
1706675-003A	MW-3	Water	SW8021B/8015Bm (G/MBTEX)	2	VOA w/ HCl	☐	6/13/2017 12:01	5 days	Trace	☐	
1706675-003B	MW-3	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	6/13/2017 12:01	5 days	Trace	☐	
1706675-004A	MW-4	Water	SW8021B/8015Bm (G/MBTEX)	2	VOA w/ HCl	☐	6/13/2017 10:51	5 days	Trace	☐	
1706675-004B	MW-4	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	6/13/2017 10:51	5 days	Trace	☐	
1706675-005A	MW-5	Water	SW8021B/8015Bm (G/MBTEX)	2	VOA w/ HCl	☐	6/13/2017 14:40	5 days	Trace	☐	
1706675-005B	MW-5	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	6/13/2017 14:40	5 days	Trace	☐	
1706675-006A	MW-6	Water	SW8021B/8015Bm (G/MBTEX)	2	VOA w/ HCl	☐	6/13/2017 10:05	5 days	Trace	☐	
1706675-006B	MW-6	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	6/13/2017 10:05	5 days	Trace	☐	
1706675-007A	MW-7	Water	SW8021B/8015Bm (G/MBTEX)	2	VOA w/ HCl	☐	6/13/2017 16:21	5 days	Trace	☐	
1706675-007B	MW-7	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	6/13/2017 16:21	5 days	Trace	☐	
1706675-008A	IW-1	Water	SW8021B/8015Bm (G/MBTEX)	2	VOA w/ HCl	☐	6/13/2017 15:37	5 days	Trace	☐	
1706675-008B	IW-1	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	6/13/2017 15:37	5 days	Trace	☐	

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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.

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WORK ORDER SUMMARY

Client Name: AEI CONSULTANTS
Client Contact: Jonathan Sanders
Contact's Email: jsanders@aeiconsultants.com

Project: 281939; Zimmerman; 3442 Adeline St. Oakland, CA
Comments:

Work Order: 1706675
QC Level: LEVEL 2
Date Logged: 6/14/2017

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ Fax ☑ 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
1706675-009A	BF-1	Water	SW8021B/8015Bm (G/MBTEX)	2	VOA w/ HCl	☐	6/13/2017 13:29	5 days	Trace	☐	
1706675-009B	BF-1	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	6/13/2017 13:29	5 days	Trace	☐	
1706675-010A	BF-5	Water	SW8021B/8015Bm (G/MBTEX)	2	VOA w/ HCl	☐	6/13/2017 11:28	5 days	Trace	☐	
1706675-010B	BF-5	Water	SW8260B (VOCs)	2	VOA w/ HCl	☐	6/13/2017 11:28	5 days	Trace	☐	

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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.

General COC

MAI Work Order # 1706675

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Telephone: (877) 252-9262 / Fax: (925) 252-9269
www.mccampbell.com main@mccampbell.com

CHAIN OF CUSTODY RECORD

Turn Around Time: 1 Day Rush | 2 Day Rush | 3 Day Rush | STD ● | Quote #
J-Flag / MDL | ESL | Cleanup Approved | Bottle Order #
Delivery Format: PDF | GeoTracker EDF ● | EDD | Write On (DW) | EQuIS

Report To: Jonathan Sanders Bill To: AEI
Company: AEI
Email: jsanders@aeiconsultants.com
Alt Email: nbricker@aeiconsultants.com Tele: 707-484-6223
Project Name: Zimmerman Project #281939
Project Location: 3442 Adeline Street, Oakland, California PO # 134736
Sampler Signature: [signature]

Analysis Requested

SAMPLE ID Location / Field Point	Sampling Date	Sampling Time	#Containers	Matrix	Preservative	BTEX & TPH as Gas (8021/ 8015) MTBE	TPH as Diesel (8015) + Motor Oil Without Silica Gel	TPH as Diesel (8015) + Motor Oil With Silica Gel	Total Oil & Grease (1664 / 9071) Without Silica Gel	Total Petroleum Hydrocarbons - Oil & Grease (1664 / 9071) With Silica Gel	Total Petroleum Hydrocarbons (418.1) With Silica Gel	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ; Aroclors only	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.8 / 6020)*	Metals (200.8 / 6020)	Baylands Requirements	Lab to filter sample for dissolved metals analysis				
MW-1	6/13/17	1357	4	GW	HCl	●								●										
MW-2	6/13/17	1237	4	GW	HCl	●								●										
MW-3	6/13/17	1201	4	GW	HCl	●								●										
MW-4	6/13/17	1051	4	GW	HCl	●								●										
MW-5 1440	6/13/17	1237	4	GW	HCl	●								●										
* MW-6	6/13/17	1005	4	GW	HCl	●								●										
MW-7	6/13/17	1621	4	GW	HCl	●								●										
IW-1	6/13/17	1537	4	GW	HCl	●								●										
BF-1	6/13/17	1324	4	GW	HCl	●								●										
BF-5	6/13/17	1128		GW		●								●										

MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate $250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

* If metals are requested for water samples and the water type (Matrix) is not specified on the chain of custody, MAI will default to metals by E200.8.

Please provide an adequate volume of sample. If the volume is not sufficient for a MS/MSD a LCS/LCSD will be prepared in its place and noted in the report.

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
18 [signature]	6/13/17	1848	[signature]	6/13	1848
[signature]	6/14	1520	[signature]	6/14/17	1520

Comments / Instructions
* Sample was labled MW6 - GW But Time / location / DATE MATCH

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SW=Seawater, S=Soil, SL=Sludge, A=Air, WP=Wipe, O=Other
Preservative Code: 1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=ZnOAc/NaOH 7=None

Temp ~~13~~ °C Initials _____
KP
5.4

Page 1 of 1

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Sample Receipt Checklist

Client Name:	**AEI Consultants**	Date and Time Received	**6/14/2017 15:20**
Project Name:	**281939; Zimmerman; 3442 Adeline St. Oakland, CA**	Date Logged:	**6/14/2017**
		Received by:	Maria Venegas
WorkOrder №:	**1706675** Matrix: Water	Logged by:	Kena Ponce
Carrier:	Client Drop-In		

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☑	No ☐

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	NA ☐
Sample/Temp Blank temperature	Temp: 5.4°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☑	No ☐	NA ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐	
pH acceptable upon receipt (Metal: <2; 522: <4; 218.7: >8)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	
	(Ice Type: WET ICE)		

UCMR3 Samples:

Total Chlorine tested and acceptable upon receipt for EPA 522?	Yes ☐	No ☐	NA ☑
Free Chlorine tested and acceptable upon receipt for EPA 218.7, 300.1, 537, 539?	Yes ☐	No ☐	NA ☑

Comments:

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McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 1706676

Report Created for: AEI Consultants

2500 Camino Diablo, Ste.#200
Walnut Creek, CA 94597

Project Contact: Jonathan Sanders
Project P.O.: 134930
Project Name: 281939; Zimmerman, 3442 Adeline St. Oakland,CA

Project Received: 06/14/2017

Analytical Report reviewed & approved for release on 06/22/2017 by:

Angela Rydelius,
Laboratory 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.

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: AEI Consultants
Project: 281939; Zimmerman, 3442 Adeline St. Oakland,CA
WorkOrder: 1706676

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
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
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
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

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Glossary of Terms & Qualifier Definitions

Client: AEI Consultants
Project: 281939; Zimmerman, 3442 Adeline St. Oakland,CA
WorkOrder: 1706676

Analytical Qualifiers

S	Surrogate spike recovery outside accepted recovery limits
b1	Aqueous sample that contains greater than ~1 vol. % sediment
c4	Surrogate recovery outside of the control limits due to coelution with another peak(s) / cluttered chromatogram.
d1	Weakly modified or unmodified gasoline is significant
e2	Diesel range compounds are significant; no recognizable pattern
e4/e11	Gasoline range compounds are significant.; and/or Pattern resembles stoddard solvent/mineral spirit
e4	Gasoline range compounds are significant.
e7	Oil range compounds are significant
e11	Pattern resembles stoddard solvent/mineral spirit

Quality Control Qualifiers

F2	LCS/LCSD recovery and/or RPD is out of acceptance criteria.

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706676
Date Received:	6/14/17 15:20	**Extraction Method:**	SW5030B
Date Prepared:	6/17/17-6/20/17	**Analytical Method:**	SW8260B
Project:	281939; Zimmerman, 3442 Adeline St. Oakland,CA	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VB-4	**1706676-032B**	**Water**	**06/13/2017 16:56**	**GC18**	**140646**

Analytes	Result	RL	DF	Date Analyzed
tert-Amyl methyl ether (TAME)	ND	0.50	1	06/17/2017 22:08
Benzene	**17**	0.50	1	06/17/2017 22:08
t-Butyl alcohol (TBA)	**11**	2.0	1	06/17/2017 22:08
Diisopropyl ether (DIPE)	ND	0.50	1	06/17/2017 22:08
Ethylbenzene	**4.0**	0.50	1	06/17/2017 22:08
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	06/17/2017 22:08
Methyl-t-butyl ether (MTBE)	ND	0.50	1	06/17/2017 22:08
Toluene	**1.1**	0.50	1	06/17/2017 22:08
Xylenes, Total	**1.7**	0.50	1	06/17/2017 22:08

Surrogates	REC (%)	Limits	
Dibromofluoromethane	114	70-130	06/17/2017 22:08
Toluene-d8	103	70-130	06/17/2017 22:08

Analyst(s): HK Analytical Comments: b1

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VB-5	**1706676-033B**	**Water**	**06/13/2017 16:11**	**GC18**	**140646**

Analytes	Result	RL	DF	Date Analyzed
tert-Amyl methyl ether (TAME)	ND	5.0	10	06/17/2017 22:48
Benzene	**91**	5.0	10	06/17/2017 22:48
t-Butyl alcohol (TBA)	ND	20	10	06/17/2017 22:48
Diisopropyl ether (DIPE)	ND	5.0	10	06/17/2017 22:48
Ethylbenzene	**93**	5.0	10	06/17/2017 22:48
Ethyl tert-butyl ether (ETBE)	ND	5.0	10	06/17/2017 22:48
Methyl-t-butyl ether (MTBE)	ND	5.0	10	06/17/2017 22:48
Toluene	ND	5.0	10	06/17/2017 22:48
Xylenes, Total	**25**	5.0	10	06/17/2017 22:48

Surrogates	REC (%)	Limits	
Dibromofluoromethane	117	70-130	06/17/2017 22:48
Toluene-d8	101	70-130	06/17/2017 22:48

Analyst(s): HK Analytical Comments: b1

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706676
Date Received:	6/14/17 15:20	**Extraction Method:**	SW5030B
Date Prepared:	6/17/17-6/20/17	**Analytical Method:**	SW8260B
Project:	281939; Zimmerman, 3442 Adeline St. Oakland,CA	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VB-17	**1706676-034B**	**Water**	**06/13/2017 13:31**	**GC18**	**140646**

Analytes	Result	RL	DF	Date Analyzed
tert-Amyl methyl ether (TAME)	ND	0.50	1	06/17/2017 23:27
Benzene	**6.0**	0.50	1	06/17/2017 23:27
t-Butyl alcohol (TBA)	ND	2.0	1	06/17/2017 23:27
Diisopropyl ether (DIPE)	ND	0.50	1	06/17/2017 23:27
Ethylbenzene	**18**	0.50	1	06/17/2017 23:27
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	06/17/2017 23:27
Methyl-t-butyl ether (MTBE)	ND	0.50	1	06/17/2017 23:27
Toluene	ND	0.50	1	06/17/2017 23:27
Xylenes, Total	**1.4**	0.50	1	06/17/2017 23:27

Surrogates	REC (%)	Limits	
Dibromofluoromethane	91	70-130	06/17/2017 23:27
Toluene-d8	112	70-130	06/17/2017 23:27

Analyst(s): HK Analytical Comments: b1

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VB-18	**1706676-035B**	**Water**	**06/13/2017 10:26**	**GC18**	**140646**

Analytes	Result	RL	DF	Date Analyzed
tert-Amyl methyl ether (TAME)	ND	0.50	1	06/20/2017 02:56
Benzene	ND	0.50	1	06/20/2017 02:56
t-Butyl alcohol (TBA)	ND	2.0	1	06/20/2017 02:56
Diisopropyl ether (DIPE)	ND	0.50	1	06/20/2017 02:56
Ethylbenzene	**3.0**	0.50	1	06/20/2017 02:56
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	06/20/2017 02:56
Methyl-t-butyl ether (MTBE)	ND	0.50	1	06/20/2017 02:56
Toluene	ND	0.50	1	06/20/2017 02:56
Xylenes, Total	**0.92**	0.50	1	06/20/2017 02:56

Surrogates	REC (%)	Limits	
Dibromofluoromethane	115	70-130	06/20/2017 02:56
Toluene-d8	99	70-130	06/20/2017 02:56

Analyst(s): KF Analytical Comments: b1

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706676
Date Received:	6/14/17 15:20	**Extraction Method:**	SW5030B
Date Prepared:	6/17/17-6/20/17	**Analytical Method:**	SW8260B
Project:	281939; Zimmerman, 3442 Adeline St. Oakland,CA	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VB-19	**1706676-036B**	**Water**	**06/13/2017 10:59**	**GC18**	**140646**

Analytes	Result	RL	DF	Date Analyzed
tert-Amyl methyl ether (TAME)	ND	5.0	10	06/18/2017 00:46
Benzene	**83**	5.0	10	06/18/2017 00:46
t-Butyl alcohol (TBA)	ND	20	10	06/18/2017 00:46
Diisopropyl ether (DIPE)	ND	5.0	10	06/18/2017 00:46
Ethylbenzene	**40**	5.0	10	06/18/2017 00:46
Ethyl tert-butyl ether (ETBE)	ND	5.0	10	06/18/2017 00:46
Methyl-t-butyl ether (MTBE)	ND	5.0	10	06/18/2017 00:46
Toluene	ND	5.0	10	06/18/2017 00:46
Xylenes, Total	ND	5.0	10	06/18/2017 00:46

Surrogates	REC (%)	Limits	
Dibromofluoromethane	109	70-130	06/18/2017 00:46
Toluene-d8	102	70-130	06/18/2017 00:46

Analyst(s): HK Analytical Comments: b1

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VB-20	**1706676-037B**	**Water**	**06/13/2017 09:34**	**GC18**	**140718**

Analytes	Result	RL	DF	Date Analyzed
tert-Amyl methyl ether (TAME)	ND	0.50	1	06/19/2017 12:01
Benzene	**5.7**	0.50	1	06/19/2017 12:01
t-Butyl alcohol (TBA)	**13**	2.0	1	06/19/2017 12:01
Diisopropyl ether (DIPE)	ND	0.50	1	06/19/2017 12:01
Ethylbenzene	**0.72**	0.50	1	06/19/2017 12:01
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	06/19/2017 12:01
Methyl-t-butyl ether (MTBE)	ND	0.50	1	06/19/2017 12:01
Toluene	**5.6**	0.50	1	06/19/2017 12:01
Xylenes, Total	**1.1**	0.50	1	06/19/2017 12:01

Surrogates	REC (%)	Limits	
Dibromofluoromethane	114	70-130	06/19/2017 12:01
Toluene-d8	101	70-130	06/19/2017 12:01

Analyst(s): KF Analytical Comments: b1

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706676
Date Received:	6/14/17 15:20	**Extraction Method:**	SW5030B
Date Prepared:	6/17/17-6/20/17	**Analytical Method:**	SW8260B
Project:	281939; Zimmerman, 3442 Adeline St. Oakland,CA	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VB-21	**1706676-038B**	**Water**	**06/13/2017 13:23**	**GC18**	**140718**

Analytes	Result	RL	DF	Date Analyzed
tert-Amyl methyl ether (TAME)	ND	25	50	06/20/2017 02:16
Benzene	**600**	25	50	06/20/2017 02:16
t-Butyl alcohol (TBA)	ND	100	50	06/20/2017 02:16
Diisopropyl ether (DIPE)	ND	25	50	06/20/2017 02:16
Ethylbenzene	**150**	25	50	06/20/2017 02:16
Ethyl tert-butyl ether (ETBE)	ND	25	50	06/20/2017 02:16
Methyl-t-butyl ether (MTBE)	ND	25	50	06/20/2017 02:16
Toluene	ND	25	50	06/20/2017 02:16
Xylenes, Total	ND	25	50	06/20/2017 02:16

Surrogates	REC (%)	Limits	
Dibromofluoromethane	114	70-130	06/20/2017 02:16
Toluene-d8	99	70-130	06/20/2017 02:16

Analyst(s): KF

Analytical Comments: b1

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706676
Date Received:	6/14/17 15:20	**Extraction Method:**	SW3510C
Date Prepared:	6/15/17	**Analytical Method:**	SW8270C-SIM
Project:	281939; Zimmerman, 3442 Adeline St. Oakland,CA	**Unit:**	µg/L

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VB-4	**1706676-032C**	**Water**	**06/13/2017 16:56**	**GC35**	**140519**

Analytes	Result	RL	DF	Date Analyzed
Naphthalene	**8.4**	0.50	1	06/20/2017 20:41

Surrogates	REC (%)	Limits	
1-Fluoronaphthalene	100	30-130	06/20/2017 20:41

Analyst(s): REB Analytical Comments: b1

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VB-5	**1706676-033C**	**Water**	**06/13/2017 16:11**	**GC35**	**140519**

Analytes	Result	RL	DF	Date Analyzed
Naphthalene	**130**	2.5	5	06/21/2017 17:39

Surrogates	REC (%)	Qualifiers	Limits	
1-Fluoronaphthalene	213	S	30-130	06/21/2017 17:39

Analyst(s): REB Analytical Comments: c4,b1

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VB-17	**1706676-034C**	**Water**	**06/13/2017 13:31**	**GC35**	**140519**

Analytes	Result	RL	DF	Date Analyzed
Naphthalene	**2.6**	0.50	1	06/20/2017 21:32

Surrogates	REC (%)	Limits	
1-Fluoronaphthalene	100	30-130	06/20/2017 21:32

Analyst(s): REB Analytical Comments: b1

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VB-18	**1706676-035C**	**Water**	**06/13/2017 10:26**	**GC35**	**140519**

Analytes	Result	RL	DF	Date Analyzed
Naphthalene	**1.6**	0.50	1	06/20/2017 21:57

Surrogates	REC (%)	Limits	
1-Fluoronaphthalene	99	30-130	06/20/2017 21:57

Analyst(s): REB Analytical Comments: b1

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706676
Date Received:	6/14/17 15:20	**Extraction Method:**	SW3510C
Date Prepared:	6/15/17	**Analytical Method:**	SW8270C-SIM
Project:	281939; Zimmerman, 3442 Adeline St. Oakland,CA	**Unit:**	µg/L

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VB-19	**1706676-036C**	**Water**	**06/13/2017 10:59**	**GC35**	**140519**

Analytes	Result	RL	DF	Date Analyzed
Naphthalene	**54**	1.0	2	06/21/2017 18:05

Surrogates	REC (%)	Qualifiers	Limits	
1-Fluoronaphthalene	144	S	30-130	06/21/2017 18:05

Analyst(s): REB Analytical Comments: c4,b1

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VB-20	**1706676-037C**	**Water**	**06/13/2017 09:34**	**GC35**	**140519**

Analytes	Result	RL	DF	Date Analyzed
Naphthalene	ND	0.50	1	06/20/2017 22:48

Surrogates	REC (%)	Limits	
1-Fluoronaphthalene	99	30-130	06/20/2017 22:48

Analyst(s): REB Analytical Comments: b1

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VB-21	**1706676-038C**	**Water**	**06/13/2017 13:23**	**GC35**	**140519**

Analytes	Result	RL	DF	Date Analyzed
Naphthalene	**620**	25	50	06/21/2017 18:32

Surrogates	REC (%)	Qualifiers	Limits	
1-Fluoronaphthalene	596	S	30-130	06/21/2017 18:32

Analyst(s): REB Analytical Comments: c4,b1

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706676
Date Received:	6/14/17 15:20	**Extraction Method:**	SW5030B
Date Prepared:	6/19/17-6/20/17	**Analytical Method:**	SW8021B/8015Bm
Project:	281939; Zimmerman, 3442 Adeline St. Oakland,CA	**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
VB-4	**1706676-032A**	**Water**	**06/13/2017 16:56**	**GC12**	**140769**

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	**2200**	50	1	06/19/2017 11:03
MTBE	---	5.0	1	06/19/2017 11:03
Benzene	---	0.50	1	06/19/2017 11:03
Toluene	---	0.50	1	06/19/2017 11:03
Ethylbenzene	---	0.50	1	06/19/2017 11:03
Xylenes	---	1.5	1	06/19/2017 11:03

Surrogates	REC (%)	Qualifiers	Limits	
aaa-TFT	266	S	89-115	06/19/2017 11:03

Analyst(s): LT Analytical Comments: d1,c4,b1

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VB-5	**1706676-033A**	**Water**	**06/13/2017 16:11**	**GC12**	**140769**

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	**5000**	250	5	06/19/2017 12:40
MTBE	---	25	5	06/19/2017 12:40
Benzene	---	2.5	5	06/19/2017 12:40
Toluene	---	2.5	5	06/19/2017 12:40
Ethylbenzene	---	2.5	5	06/19/2017 12:40
Xylenes	---	7.5	5	06/19/2017 12:40

Surrogates	REC (%)	Qualifiers	Limits	
aaa-TFT	129	S	89-115	06/19/2017 12:40

Analyst(s): LT Analytical Comments: d1,c4,b1

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706676
Date Received:	6/14/17 15:20	**Extraction Method:**	SW5030B
Date Prepared:	6/19/17-6/20/17	**Analytical Method:**	SW8021B/8015Bm
Project:	281939; Zimmerman, 3442 Adeline St. Oakland,CA	**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
VB-17	**1706676-034A**	**Water**	**06/13/2017 13:31**	**GC12**	**140769**

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	**4100**	500	10	06/20/2017 19:07
MTBE	---	50	10	06/20/2017 19:07
Benzene	---	5.0	10	06/20/2017 19:07
Toluene	---	5.0	10	06/20/2017 19:07
Ethylbenzene	---	5.0	10	06/20/2017 19:07
Xylenes	---	15	10	06/20/2017 19:07

Surrogates	REC (%)	Qualifiers	Limits	
aaa-TFT	131	S	89-115	06/20/2017 19:07

Analyst(s): HD Analytical Comments: d1,c4,b1

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VB-18	**1706676-035A**	**Water**	**06/13/2017 10:26**	**GC12**	**140769**

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	**160**	50	1	06/20/2017 19:38
MTBE	---	5.0	1	06/20/2017 19:38
Benzene	---	0.50	1	06/20/2017 19:38
Toluene	---	0.50	1	06/20/2017 19:38
Ethylbenzene	---	0.50	1	06/20/2017 19:38
Xylenes	---	1.5	1	06/20/2017 19:38

Surrogates	REC (%)	Limits	
aaa-TFT	109	89-115	06/20/2017 19:38

Analyst(s): HD Analytical Comments: d1,b1

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706676
Date Received:	6/14/17 15:20	**Extraction Method:**	SW5030B
Date Prepared:	6/19/17-6/20/17	**Analytical Method:**	SW8021B/8015Bm
Project:	281939; Zimmerman, 3442 Adeline St. Oakland,CA	**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
VB-19	**1706676-036A**	**Water**	**06/13/2017 10:59**	**GC12**	**140769**

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	**9500**	250	5	06/19/2017 14:19
MTBE	---	25	5	06/19/2017 14:19
Benzene	---	2.5	5	06/19/2017 14:19
Toluene	---	2.5	5	06/19/2017 14:19
Ethylbenzene	---	2.5	5	06/19/2017 14:19
Xylenes	---	7.5	5	06/19/2017 14:19

Surrogates	REC (%)	Qualifiers	Limits	
aaa-TFT	177	S	89-115	06/19/2017 14:19

Analyst(s): LT Analytical Comments: d1,c4,b1

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VB-20	**1706676-037A**	**Water**	**06/13/2017 09:34**	**GC12**	**140769**

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	**200**	50	1	06/20/2017 20:08
MTBE	---	5.0	1	06/20/2017 20:08
Benzene	---	0.50	1	06/20/2017 20:08
Toluene	---	0.50	1	06/20/2017 20:08
Ethylbenzene	---	0.50	1	06/20/2017 20:08
Xylenes	---	1.5	1	06/20/2017 20:08

Surrogates	REC (%)	Qualifiers	Limits	
aaa-TFT	127	S	89-115	06/20/2017 20:08

Analyst(s): HD Analytical Comments: d1,c4,b1

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Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706676
Date Received:	6/14/17 15:20	**Extraction Method:**	SW5030B
Date Prepared:	6/19/17-6/20/17	**Analytical Method:**	SW8021B/8015Bm
Project:	281939; Zimmerman, 3442 Adeline St. Oakland,CA	**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
VB-21	**1706676-038A**	**Water**	**06/13/2017 13:23**	**GC12**	**140769**

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	**29,000**	500	10	06/19/2017 15:27
MTBE	**---**	50	10	06/19/2017 15:27
Benzene	**---**	5.0	10	06/19/2017 15:27
Toluene	**---**	5.0	10	06/19/2017 15:27
Ethylbenzene	**---**	5.0	10	06/19/2017 15:27
Xylenes	**---**	15	10	06/19/2017 15:27

Surrogates	REC (%)	Qualifiers	Limits	
aaa-TFT	215	S	89-115	06/19/2017 15:27

Analyst(s): LT

Analytical Comments: d1,c4,b1

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NELAP 4033ORELAP

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706676
Date Received:	6/14/17 15:20	**Extraction Method:**	SW3510C
Date Prepared:	6/14/17	**Analytical Method:**	SW8015B
Project:	281939; Zimmerman, 3442 Adeline St. Oakland,CA	**Unit:**	µg/L

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VB-4	**1706676-032A**	**Water**	**06/13/2017 16:56**	**GC11B**	**140451**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**710**	50	1	06/16/2017 19:50
TPH-Motor Oil (C18-C36)	ND	250	1	06/16/2017 19:50

Surrogates	REC (%)	Limits	
C9	103	66-138	06/16/2017 19:50

Analyst(s): TK Analytical Comments: e4/e11,e2,b1

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VB-5	**1706676-033A**	**Water**	**06/13/2017 16:11**	**GC11B**	**140451**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**4400**	50	1	06/17/2017 03:44
TPH-Motor Oil (C18-C36)	**420**	250	1	06/17/2017 03:44

Surrogates	REC (%)	Limits	
C9	105	66-138	06/17/2017 03:44

Analyst(s): TK Analytical Comments: e11,e7,e2,b1

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VB-17	**1706676-034A**	**Water**	**06/13/2017 13:31**	**GC11B**	**140451**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**1400**	50	1	06/16/2017 21:11
TPH-Motor Oil (C18-C36)	ND	250	1	06/16/2017 21:11

Surrogates	REC (%)	Limits	
C9	119	66-138	06/16/2017 21:11

Analyst(s): TK Analytical Comments: e4,b1

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706676
Date Received:	6/14/17 15:20	**Extraction Method:**	SW3510C
Date Prepared:	6/14/17	**Analytical Method:**	SW8015B
Project:	281939; Zimmerman, 3442 Adeline St. Oakland,CA	**Unit:**	µg/L

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VB-18	**1706676-035A**	**Water**	**06/13/2017 10:26**	**GC11B**	**140451**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**260**	50	1	06/16/2017 22:30
TPH-Motor Oil (C18-C36)	ND	250	1	06/16/2017 22:30

Surrogates	REC (%)	Limits	
C9	105	66-138	06/16/2017 22:30

Analyst(s): TK Analytical Comments: e4,e2,b1

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VB-19	**1706676-036A**	**Water**	**06/13/2017 10:59**	**GC11B**	**140451**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**2200**	50	1	06/16/2017 23:49
TPH-Motor Oil (C18-C36)	ND	250	1	06/16/2017 23:49

Surrogates	REC (%)	Limits	
C9	105	66-138	06/16/2017 23:49

Analyst(s): TK Analytical Comments: e11,b1

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VB-20	**1706676-037A**	**Water**	**06/13/2017 09:34**	**GC11B**	**140451**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**65**	50	1	06/17/2017 01:07
TPH-Motor Oil (C18-C36)	ND	250	1	06/17/2017 01:07

Surrogates	REC (%)	Limits	
C9	104	66-138	06/17/2017 01:07

Analyst(s): TK Analytical Comments: e4,b1

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706676
Date Received:	6/14/17 15:20	**Extraction Method:**	SW3510C
Date Prepared:	6/14/17	**Analytical Method:**	SW8015B
Project:	281939; Zimmerman, 3442 Adeline St. Oakland,CA	**Unit:**	µg/L

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VB-21	**1706676-038A**	**Water**	**06/13/2017 13:23**	**GC11B**	**140451**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**24,000**	50	1	06/17/2017 02:26
TPH-Motor Oil (C18-C36)	ND	250	1	06/17/2017 02:26

Surrogates	REC (%)	Limits	
C26	94	59-139	06/17/2017 02:26

Analyst(s): TK

Analytical Comments: e4,b1

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Quality Control Report

Client:	AEI Consultants	**WorkOrder:**	1706676
Date Prepared:	6/17/17	**BatchID:**	140646
Date Analyzed:	6/17/17	**Extraction Method:**	SW5030B
Instrument:	GC18	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	281939; Zimmerman, 3442 Adeline St. Oakland,CA	**Sample ID:**	MB/LCS/LCSD-140646

QC Summary Report for SW8260B

Analyte	MB Result	RL	SPK Val	MB SS %REC	MB SS Limits
tert-Amyl methyl ether (TAME)	ND	0.50	-	-	-
Benzene	ND	0.50	-	-	-
t-Butyl alcohol (TBA)	ND	2.0	-	-	-
Diisopropyl ether (DIPE)	ND	0.50	-	-	-
Ethylbenzene	ND	0.50	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.50	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.50	-	-	-
Toluene	ND	0.50	-	-	-
Xylenes, Total	ND	0.50	-	-	-
Surrogate Recovery					
Dibromofluoromethane	28.57		25	114	70-130
Toluene-d8	25.47		25	102	70-130

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
tert-Amyl methyl ether (TAME)	8.96	9.79	10	90	98	54-140	8.85	20
Benzene	9.29	9.47	10	93	95	47-158	1.98	20
t-Butyl alcohol (TBA)	33.9	35.2	40	85	88	42-140	3.80	20
Diisopropyl ether (DIPE)	9.62	9.87	10	96	99	57-136	2.65	20
Ethylbenzene	9.02	9.14	10	90	91	60-152	1.35	20
Ethyl tert-butyl ether (ETBE)	9.44	9.80	10	94	98	55-137	3.72	20
Methyl-t-butyl ether (MTBE)	9.25	9.71	10	92	97	53-139	4.94	20
Toluene	8.65	8.82	10	87	88	52-137	1.90	20
Surrogate Recovery								
Dibromofluoromethane	28.6	28.8	25	115	115	70-130	0	20
Toluene-d8	25.4	25.5	25	102	102	70-130	0	20

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QA/QC Officer

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Quality Control Report

Client:	AEI Consultants	**WorkOrder:**	1706676
Date Prepared:	6/19/17	**BatchID:**	140718
Date Analyzed:	6/19/17	**Extraction Method:**	SW5030B
Instrument:	GC18	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	281939; Zimmerman, 3442 Adeline St. Oakland,CA	**Sample ID:**	MB/LCS/LCSD-140718

QC Summary Report for SW8260B

Analyte	MB Result	RL	SPK Val	MB SS %REC	MB SS Limits
tert-Amyl methyl ether (TAME)	ND	0.50	-	-	-
Benzene	ND	0.50	-	-	-
t-Butyl alcohol (TBA)	ND	2.0	-	-	-
Diisopropyl ether (DIPE)	ND	0.50	-	-	-
Ethylbenzene	ND	0.50	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.50	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.50	-	-	-
Toluene	ND	0.50	-	-	-
Xylenes, Total	ND	0.50	-	-	-
Surrogate Recovery					
Dibromofluoromethane	28.16		25	113	70-130
Toluene-d8	25.55		25	102	70-130

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
tert-Amyl methyl ether (TAME)	10.5	10.9	10	105	109	54-140	4.02	20
Benzene	10.5	10.7	10	105	107	47-158	1.38	20
t-Butyl alcohol (TBA)	43.6	43.0	40	109	108	42-140	1.37	20
Diisopropyl ether (DIPE)	11.0	11.1	10	110	111	57-136	0.995	20
Ethylbenzene	9.54	9.83	10	95	98	60-152	2.98	20
Ethyl tert-butyl ether (ETBE)	10.9	10.9	10	109	109	55-137	0	20
Methyl-t-butyl ether (MTBE)	10.9	10.9	10	109	109	53-139	0	20
Toluene	9.39	9.65	10	94	97	52-137	2.74	20
Surrogate Recovery								
Dibromofluoromethane	29.2	29.2	25	117	117	70-130	0	20
Toluene-d8	24.8	24.9	25	99	100	70-130	0.691	20

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Quality Control Report

Client:	AEI Consultants	**WorkOrder:**	1706676
Date Prepared:	6/15/17	**BatchID:**	140519
Date Analyzed:	6/20/17 - 6/21/17	**Extraction Method:**	SW3510C
Instrument:	GC35	**Analytical Method:**	SW8270C-SIM
Matrix:	Water	**Unit:**	µg/L
Project:	281939; Zimmerman, 3442 Adeline St. Oakland,CA	**Sample ID:**	MB/LCS/LCSD-140519

QC Summary Report for SW8270C

Analyte	MB Result	RL	SPK Val	MB SS %REC	MB SS Limits
Acenaphthene	ND	0.50	-	-	-
Acenaphthylene	ND	0.50	-	-	-
Anthracene	ND	0.50	-	-	-
Benzo (a) anthracene	ND	0.50	-	-	-
Benzo (a) pyrene	ND	0.50	-	-	-
Benzo (b) fluoranthene	ND	0.50	-	-	-
Benzo (g,h,i) perylene	ND	0.50	-	-	-
Benzo (k) fluoranthene	ND	0.50	-	-	-
Chrysene	ND	0.50	-	-	-
Dibenzo (a,h) anthracene	ND	0.50	-	-	-
Fluoranthene	ND	0.50	-	-	-
Fluorene	ND	0.50	-	-	-
Indeno (1,2,3-cd) pyrene	ND	0.50	-	-	-
1-Methylnaphthalene	ND	0.50	-	-	-
2-Methylnaphthalene	ND	0.50	-	-	-
Naphthalene	ND	0.50	-	-	-
Phenanthrene	ND	0.50	-	-	-
Pyrene	ND	0.50	-	-	-
Surrogate Recovery					
1-Fluoronaphthalene	19.65		25	79	30-130
2-Fluorobiphenyl	20.08		25	80	30-130

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Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Benzo (a) pyrene	11.9	11.9	10	119	119	12-152	0	25
Chrysene	12.5	12.5	10	125, F2	125, F2	28-116	0	25
1-Methylnaphthalene	13.1	13.2	10	131, F2	132, F2	48-125	5.25	25
2-Methylnaphthalene	12.8	12.6	10	128, F2	125, F2	41-124	6.43	25
Phenanthrene	12.3	12.3	10	123	123	36-123	0	25
Pyrene	13.2	12.9	10	132, F2	129, F2	29-118	5.45	25
Surrogate Recovery								
1-Fluoronaphthalene	25.7	25.7	25	103	103	45-129	0	25
2-Fluorobiphenyl	26.1	25.3	25	104	101	47-125	2.45	25

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Quality Control Report

Client:	AEI Consultants	**WorkOrder:**	1706676
Date Prepared:	6/19/17	**BatchID:**	140769
Date Analyzed:	6/19/17	**Extraction Method:**	SW5030B
Instrument:	GC12	**Analytical Method:**	SW8021B/8015Bm
Matrix:	Water	**Unit:**	µg/L
Project:	281939; Zimmerman, 3442 Adeline St. Oakland,CA	**Sample ID:**	MB/LCS-140769 1706676-033AMS/MSD

QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
TPH(btex)	ND	58.2	40	60	-	97	78-116
MTBE	ND	10.8	5.0	10	-	108	72-122
Benzene	ND	10.4	0.50	10	-	103	81-123
Toluene	ND	10.2	0.50	10	-	102	83-129
Ethylbenzene	ND	9.59	0.50	10	-	96	88-126
Xylenes	ND	27.8	1.5	30	-	93	87-131
Surrogate Recovery							
aaa-TFT	10.62	10.7		10	106	107	89-116

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
TPH(btex)	NR	NR		950	NR	NR	-	NR	-
MTBE	NR	NR		ND<25	NR	NR	-	NR	-
Benzene	NR	NR		100	NR	NR	-	NR	-
Toluene	NR	NR		6.5	NR	NR	-	NR	-
Ethylbenzene	NR	NR		99	NR	NR	-	NR	-
Xylenes	NR	NR		25	NR	NR	-	NR	-
Surrogate Recovery									
aaa-TFT	NR	NR			NR	NR	-	NR	-

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Quality Control Report

Client:	AEI Consultants	**WorkOrder:**	1706676
Date Prepared:	6/14/17	**BatchID:**	140451
Date Analyzed:	6/14/17	**Extraction Method:**	SW3510C
Instrument:	GC39A	**Analytical Method:**	SW8015B
Matrix:	Water	**Unit:**	µg/L
Project:	281939; Zimmerman, 3442 Adeline St. Oakland,CA	**Sample ID:**	MB/LCS/LCSD-140451

QC Report for SW8015B w/out SG Clean-Up

Analyte	MB Result	RL	SPK Val	MB SS %REC	MB SS Limits
TPH-Diesel (C10-C23)	ND	50	-	-	-
TPH-Motor Oil (C18-C36)	ND	250	-	-	-
Surrogate Recovery					
C9	561.4		625	90	79-111

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	1170	1190	1000	117	119	88-134	1.94	30
Surrogate Recovery								
C9	557	560	625	89	90	79-111	0.521	30

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QA/QC Officer

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CHAIN-OF-CUSTODY RECORD

WorkOrder: 1706676 **ClientCode: AEL**

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Jonathan Sanders
AEI Consultants
2500 Camino Diablo, Ste.#200
Walnut Creek, CA 94597
(925) 321-3561 FAX: (925) 283-6121

Email: jsanders@aeiconsultants.com
cc/3rd Party: nbricker@aeiconsultants.com;
PO: 134930
ProjectNo: 281939; Zimmerman, 3442 Adeline St. Oakland,CA

Bill to:
Accounts Payable
AEI Consultants
2500 Camino Diablo, Ste. #200
Walnut Creek, CA 94597
AccountsPayable@AEIConsultants.com

Requested TAT: 5 days;

Date Received: 06/14/2017
Date Logged: 06/14/2017

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
1706676-032	VB-4	Water	6/13/2017 16:56	☐	B	C	A	A	A							
1706676-033	VB-5	Water	6/13/2017 16:11	☐	B	C	A		A							
1706676-034	VB-17	Water	6/13/2017 13:31	☐	B	C	A		A							
1706676-035	VB-18	Water	6/13/2017 10:26	☐	B	C	A		A							
1706676-036	VB-19	Water	6/13/2017 10:59	☐	B	C	A		A							
1706676-037	VB-20	Water	6/13/2017 09:34	☐	B	C	A		A							
1706676-038	VB-21	Water	6/13/2017 13:23	☐	B	C	A		A							

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Test Legend:

1	8260B_5OXYBTEX_W	2	8270_PNA_W	3	G-MBTEX_W	4	PREDF REPORT
5	TPH(DMO)_W	6		7		8	
9		10		11		12	

Prepared by: Kena Ponce

The following SampIDs: 032A, 033A, 034A, 035A, 036A, 037A, 038A 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.

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WORK ORDER SUMMARY

Client Name: AEI CONSULTANTS
Client Contact: Jonathan Sanders
Contact's Email: jsanders@aeiconsultants.com

Project: 281939; Zimmerman; 3442Adeline St. Oakland,CA
Comments:

Work Order: 1706676
QC Level: LEVEL 2
Date Logged: 6/14/2017

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ 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
1706676-001A	VB-4-4	Soil		1	Acetate Liner	☐	6/13/2017 16:43			☑	
1706676-002A	VB-4-7	Soil		1	Acetate Liner	☐	6/13/2017 16:49			☑	
1706676-003A	VB-4-10	Soil		1	Acetate Liner	☐	6/13/2017 16:56			☑	
1706676-004A	VB-5-4	Soil		1	Acetate Liner	☐	6/13/2017 15:51			☑	
1706676-005A	VB-5-7	Soil		1	Acetate Liner	☐	6/13/2017 15:58			☑	
1706676-006A	VB-5-10	Soil		1	Acetate Liner	☐	6/13/2017 16:11			☑	
1706676-007A	VB-17-5	Soil		1	Acetate Liner	☐	6/13/2017 12:52			☑	
1706676-008A	VB-17-8	Soil		1	Acetate Liner	☐	6/13/2017 12:55			☑	
1706676-009A	VB-17-11	Soil		1	Acetate Liner	☐	6/13/2017 13:15			☑	
1706676-010A	VB-17-14	Soil		1	Acetate Liner	☐	6/13/2017 13:31			☑	
1706676-011A	VB-18-5	Soil		1	Acetate Liner	☐	6/13/2017 9:49			☑	
1706676-012A	VB-18-9	Soil		1	Acetate Liner	☐	6/13/2017 9:59			☑	
1706676-013A	VB-18-12.5	Soil		1	Acetate Liner	☐	6/13/2017 10:11			☑	
1706676-014A	VB-18-15	Soil		1	Acetate Liner	☐	6/13/2017 10:26			☑	
1706676-015A	VB-19-4	Soil		1	Acetate Liner	☐	6/13/2017 10:35			☑	
1706676-016A	VB-19-7	Soil		1	Acetate Liner	☐	6/13/2017 10:39			☑	

DRAFT

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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"When Quality Counts"

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name: AEI CONSULTANTS
Client Contact: Jonathan Sanders
Contact's Email: jsanders@aeiconsultants.com

Project: 281939; Zimmerman; 3442Adeline St. Oakland,CA
Comments:

Work Order: 1706676
QC Level: LEVEL 2
Date Logged: 6/14/2017

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ 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
1706676-017A	VB-19-10	Soil		1	Acetate Liner	☐	6/13/2017 10:45			☑	
1706676-018A	VB-19-13	Soil		1	Acetate Liner	☐	6/13/2017 10:50			☑	
1706676-019A	VB-19-16	Soil		1	Acetate Liner	☐	6/13/2017 10:59			☑	
1706676-020A	VB-20-4	Soil		1	Acetate Liner	☐	6/13/2017 9:12			☑	
1706676-021A	VB-20-8	Soil		1	Acetate Liner	☐	6/13/2017 9:17			☑	
1706676-022A	VB-20-12	Soil		1	Acetate Liner	☐	6/13/2017 9:25			☑	
1706676-023A	VB-20-15	Soil		1	Acetate Liner	☐	6/13/2017 9:34			☑	
1706676-024A	VB-21-4	Soil		1	Acetate Liner	☐	6/13/2017 12:11			☑	
1706676-025A	VB-21-7	Soil		1	Acetate Liner	☐	6/13/2017 12:14			☑	
1706676-026A	VB-21-10	Soil		1	Acetate Liner	☐	6/13/2017 13:03			☑	
1706676-027A	VB-21-13	Soil		1	Acetate Liner	☐	6/13/2017 13:11			☑	
1706676-028A	VB-21-16	Soil		1	Acetate Liner	☐	6/13/2017 13:23			☑	
1706676-029A	VB-22-2	Soil		1	Acetate Liner	☐	6/13/2017 8:18			☑	
1706676-030A	VB-22-6	Soil		1	Acetate Liner	☐	6/13/2017 8:19			☑	
1706676-031A	VB-22-9	Soil		1	Acetate Liner	☐	6/13/2017 8:34			☑	
1706676-032A	VB-4	Water	Multi-Range TPH(g,d,mo) by EPA 8015Bm	2	2 VOAs w/HCL + 2-aVOAs (multi-range)	☐	6/13/2017 16:56	5 days	2%+	☐	

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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WORK ORDER SUMMARY

Client Name: AEI CONSULTANTS
Client Contact: Jonathan Sanders
Contact's Email: jsanders@aeiconsultants.com

Project: 281939; Zimmerman; 3442Adeline St. Oakland,CA
Comments:

Work Order: 1706676
QC Level: LEVEL 2
Date Logged: 6/14/2017

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ 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
1706676-032B	VB-4	Water	SW8260B (5 OXYS & BTEX)	2	VOA w/ HCl	☐	6/13/2017 16:56	5 days	2%+	☐	
1706676-032C	VB-4	Water	SW8270C (PAHs/PNAs) <1-Methylnaphthalene, 2-Methylnaphthalene, Acenaphthene, Acenaphthylene, Anthracene, Benzo (a) anthracene, Benzo (a) pyrene, Benzo (b) fluoranthene, Benzo (g,h,i) perylene, Benzo (k) fluoranthene, Chrysene, Dibenzo (a,h) anthracene, Fluoranthene, Fluorene, Indeno (1,2,3-cd) pyrene, Naphthalene, Phenanthrene, Pyrene>	1	1LA Narrow Mouth	☐	6/13/2017 16:56	5 days	2%+	☐	
1706676-033A	VB-5	Water	Multi-Range TPH(g,d,mo) by EPA 8015Bm	2	2 VOAs w/HCL + 2-aVOAs (multi-range)	☐	6/13/2017 16:11	5 days	5%+	☐	
1706676-033B	VB-5	Water	SW8260B (5 OXYS & BTEX)	2	VOA w/ HCl	☐	6/13/2017 16:11	5 days	5%+	☐	
1706676-033C	VB-5	Water	SW8270C (PAHs/PNAs) <1-Methylnaphthalene, 2-Methylnaphthalene, Acenaphthene, Acenaphthylene, Anthracene, Benzo (a) anthracene, Benzo (a) pyrene, Benzo (b) fluoranthene, Benzo (g,h,i) perylene, Benzo (k) fluoranthene, Chrysene, Dibenzo (a,h) anthracene, Fluoranthene, Fluorene, Indeno (1,2,3-cd) pyrene, Naphthalene, Phenanthrene, Pyrene>	1	1LA Narrow Mouth	☐	6/13/2017 16:11	5 days	5%+	☐	

DRAFT

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WORK ORDER SUMMARY

Client Name: AEI CONSULTANTS
Client Contact: Jonathan Sanders
Contact's Email: jsanders@aeiconsultants.com

Project: 281939; Zimmerman; 3442Adeline St. Oakland,CA
Comments:

Work Order: 1706676
QC Level: LEVEL 2
Date Logged: 6/14/2017

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ 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
1706676-034A	VB-17	Water	Multi-Range TPH(g,d,mo) by EPA 8015Bm	2	2 VOAs w/HCL + 2-aVOAs (multi-range)	☐	6/13/2017 13:31	5 days	2%+	☐	
1706676-034B	VB-17	Water	SW8260B (5 OXYS & BTEX)	2	VOA w/ HCl	☐	6/13/2017 13:31	5 days	2%+	☐	
1706676-034C	VB-17	Water	SW8270C (PAHs/PNAs) <1-Methylnaphthalene, 2-Methylnaphthalene, Acenaphthene, Acenaphthylene, Anthracene, Benzo (a) anthracene, Benzo (a) pyrene, Benzo (b) fluoranthene, Benzo (g,h,i) perylene, Benzo (k) fluoranthene, Chrysene, Dibenzo (a,h) anthracene, Fluoranthene, Fluorene, Indeno (1,2,3-cd) pyrene, Naphthalene, Phenanthrene, Pyrene>	1	1LA Narrow Mouth	☐	6/13/2017 13:31	5 days	2%+	☐	
1706676-035A	VB-18	Water	Multi-Range TPH(g,d,mo) by EPA 8015Bm	2	2 VOAs w/HCL + 2-aVOAs (multi-range)	☐	6/13/2017 10:26	5 days	1%+	☐	
1706676-035B	VB-18	Water	SW8260B (5 OXYS & BTEX)	2	VOA w/ HCl	☐	6/13/2017 10:26	5 days	1%+	☐	

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Date Logged: 6/14/2017

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ 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
1706676-035C	VB-18	Water	SW8270C (PAHs/PNAs) <1-Methylnaphthalene, 2-Methylnaphthalene, Acenaphthene, Acenaphthylene, Anthracene, Benzo (a) anthracene, Benzo (a) pyrene, Benzo (b) fluoranthene, Benzo (g,h,i) perylene, Benzo (k) fluoranthene, Chrysene, Dibenzo (a,h) anthracene, Fluoranthene, Fluorene, Indeno (1,2,3-cd) pyrene, Naphthalene, Phenanthrene, Pyrene>	1	1LA Narrow Mouth	☐	6/13/2017 10:26	5 days	1%+	☐	
1706676-036A	VB-19	Water	Multi-Range TPH(g,d,mo) by EPA 8015Bm	2	2 VOAs w/HCL + 2-aVOAs (multi-range)	☐	6/13/2017 10:59	5 days	1%+	☐	
1706676-036B	VB-19	Water	SW8260B (5 OXYS & BTEX)	2	VOA w/ HCl	☐	6/13/2017 10:59	5 days	1%+	☐	
1706676-036C	VB-19	Water	SW8270C (PAHs/PNAs) <1-Methylnaphthalene, 2-Methylnaphthalene, Acenaphthene, Acenaphthylene, Anthracene, Benzo (a) anthracene, Benzo (a) pyrene, Benzo (b) fluoranthene, Benzo (g,h,i) perylene, Benzo (k) fluoranthene, Chrysene, Dibenzo (a,h) anthracene, Fluoranthene, Fluorene, Indeno (1,2,3-cd) pyrene, Naphthalene, Phenanthrene, Pyrene>	1	1LA Narrow Mouth	☐	6/13/2017 10:59	5 days	1%+	☐	
1706676-037A	VB-20	Water	Multi-Range TPH(g,d,mo) by EPA 8015Bm	2	2 VOAs w/HCL + 2-aVOAs (multi-range)	☐	6/13/2017 9:34	5 days	1%+	☐	

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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WORK ORDER SUMMARY

Client Name: AEI CONSULTANTS
Client Contact: Jonathan Sanders
Contact's Email: jsanders@aeiconsultants.com

Project: 281939; Zimmerman; 3442Adeline St. Oakland,CA
Comments:

Work Order: 1706676
QC Level: LEVEL 2
Date Logged: 6/14/2017

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ 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
1706676-037B	VB-20	Water	SW8260B (5 OXYS & BTEX)	2	VOA w/ HCl	☐	6/13/2017 9:34	5 days	1%+	☐	
1706676-037C	VB-20	Water	SW8270C (PAHs/PNAs) <1-Methylnaphthalene, 2-Methylnaphthalene, Acenaphthene, Acenaphthylene, Anthracene, Benzo (a) anthracene, Benzo (a) pyrene, Benzo (b) fluoranthene, Benzo (g,h,i) perylene, Benzo (k) fluoranthene, Chrysene, Dibenzo (a,h) anthracene, Fluoranthene, Fluorene, Indeno (1,2,3-cd) pyrene, Naphthalene, Phenanthrene, Pyrene>	1	1LA Narrow Mouth	☐	6/13/2017 9:34	5 days	1%+	☐	
1706676-038A	VB-21	Water	Multi-Range TPH(g,d,mo) by EPA 8015Bm	2	2 VOAs w/HCL + 2-aVOAs (multi-range)	☐	6/13/2017 13:23	5 days	1%+	☐	
1706676-038B	VB-21	Water	SW8260B (5 OXYS & BTEX)	2	VOA w/ HCl	☐	6/13/2017 13:23	5 days	1%+	☐	
1706676-038C	VB-21	Water	SW8270C (PAHs/PNAs) <1-Methylnaphthalene, 2-Methylnaphthalene, Acenaphthene, Acenaphthylene, Anthracene, Benzo (a) anthracene, Benzo (a) pyrene, Benzo (b) fluoranthene, Benzo (g,h,i) perylene, Benzo (k) fluoranthene, Chrysene, Dibenzo (a,h) anthracene, Fluoranthene, Fluorene, Indeno (1,2,3-cd) pyrene, Naphthalene, Phenanthrene, Pyrene>	1	1LA Narrow Mouth	☐	6/13/2017 13:23	5 days	1%+	☐	

DRAFT

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WORK ORDER SUMMARY

Client Name: AEI CONSULTANTS
Client Contact: Jonathan Sanders
Contact's Email: jsanders@aeiconsultants.com

Project: 281939; Zimmerman; 3442Adeline St. Oakland,CA
Comments:

Work Order: 1706676
QC Level: LEVEL 2
Date Logged: 6/14/2017

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ 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
1706676-039A	VB-22	Water		2	2 VOAs w/HCL + 2-aVOAs (multi-range)	☐	6/13/2017 8:34		1%+	☑	
1706676-039B	VB-22	Water		2	VOA w/ HCl	☐	6/13/2017 8:34		1%+	☑	
1706676-039C	VB-22	Water		1	1LA Narrow Mouth	☐	6/13/2017 8:34		1%+	☑	

DRAFT

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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General COC

MAI Work Order # 1706676

McCAMPBELL ANALYTICAL, INC.

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Telephone: (877) 252-9262 / Fax: (925) 252-9269
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CHAIN OF CUSTODY RECORD

Turn Around Time:	1 Day Rush		2 Day Rush		3 Day Rush		STD		Quote #				
J-Flag / MDL		ESL		Cleanup Approved				Bottle Order #					
Delivery Format:	PDF		GeoTracker EDF		EDD		Write On (DW)		EQuIS				

Report To: Jonathan Sanders Bill To: AEI
Company: AEI
Email: jsanders@aeiconsultants.com
Alt Email: nbricker@aeiconsultants.com Tele: 707-484-6223
Project Name: Zimmerman Project #281939
Project Location: 3442 Adeline St, Oakland, CA PO # 134930
Sampler Signature:

Analysis Requested

SAMPLE ID Location / Field Point	Sampling Date	Sampling Time	#Containers	Matrix	Preservative	BTEX & TPH as Gas (8021/ 8015) MTBE	TPH as Diesel (8015) + Motor Oil Without Silica Gel	TPH as Diesel (8015) + Motor Oil With Silica Gel	Total Oil & Grease (1664 / 9071) Without Silica Gel	Total Petroleum Hydrocarbons - Oil & Grease (1664 / 9071) With Silica Gel	Total Petroleum Hydrocarbons (418.1) With Silica Gel	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ; Aroclors only	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.8 / 6020)*	Metals (200.8 / 6020)	Baylands Requirements	Lab to filter sample for dissolved metals analysis	HOLD			
VB-4-4	6/13/17	1643	1	S	1																●			
VB-4-7	"	1649	1	S	1																●			
VB-4-10	"	1656	1	S	1																●			
VB-5-4	"	1551	1	S	1																●			
VB-5-7	"	1558	1	S	1																●			
VB-5-10	"	1611	1	S	1																●			
VB-17-5	"	1252	1	S	1																●			
VB-17-8	"	1255	1	S	1																●			
VB-17-11	"	1315	1	S	1																●			
VB-17-14	"	1331	1	S	1																●			

MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate $250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

* If metals are requested for water samples and the water type (Matrix) is not specified on the chain of custody, MAI will default to metals by E200.8.

Please provide an adequate volume of sample. If the volume is not sufficient for a MS/MSD a LCS/LCSD will be prepared in its place and noted in the report.

Comments / Instructions

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
	6/14	1520		6/14/17	1520

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SW=Seawater, S=Soil, SL=Sludge, A=Air, WP=Wipe, O=Other

Preservative Code: 1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=ZnOAc/NaOH 7=None

Temp 7.9 °C Initials

DRAFT

MAI Work Order # _____

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www.mccampbell.com main@mccampbell.com

CHAIN OF CUSTODY RECORD

Turn Around Time: 1 Day Rush | 2 Day Rush | 3 Day Rush | STD | Quote #
J-Flag / MDL | ESL | Cleanup Approved | Bottle Order #
Delivery Format: PDF | GeoTracker EDF | EDD | Write On (DW) | EQuIS

Report To: SEE PAGE 1 Bill To: AEI
Company:
Email:
Alt Email: Tele:
Project Name: Project #281939
Project Location: PO # 134930
Sampler Signature:

Analysis Requested

SAMPLE ID Location / Field Point	Sampling Date	Sampling Time	#Containers	Matrix	Preservative	BTEX & TPH as Gas (8021/ 8015) MTBE	TPH as Diesel (8015) + Motor Oil Without Silica Gel	TPH as Diesel (8015) + Motor Oil With Silica Gel	Total Oil & Grease (1664 / 9071) Without Silica Gel	Total Petroleum Hydrocarbons - Oil & Grease (1664 / 9071) With Silica Gel	Total Petroleum Hydrocarbons (418.1) With Silica Gel	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ; Aroclors only	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.8 / 6020)*	Metals (200.8 / 6020)	Baylands Requirements	Lab to filter sample for dissolved metals analysis	HOLD			
VB-18--5	6/13/17	0949	1	S	1																●			
VB-18-9	"	0959	1	S	1																●			
VB-18-12.5	"	1011	1	S	1																●			
VB-18-15	"	1026	1	S	1																●			
VB-19-4	"	1035	1	S	1																●			
VB-19-7	"	1039	1	S	1																●			
VB-19-10	"	1045	1	S	1																●			
VB-19-13	"	1050	1	S	1																●			
VB-19-16	"	1059	1	S	1																●			
VB-20-4	"	0912	1	S	1																●			

MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate $250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

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Comments / Instructions

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
	6/14	1520		6/14/17	1520

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SW=Seawater, S=Soil, SL=Sludge, A=Air, WP=Wipe, O=Other

Preservative Code: 1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=ZnOAc/NaOH 7=None

Temp _____ °C Initials _____

DRAFT

MAI Work Order # _____

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CHAIN OF CUSTODY RECORD

Turn Around Time:	1 Day Rush		2 Day Rush		3 Day Rush		STD		Quote #				
J-Flag / MDL		ESL		Cleanup Approved					Bottle Order #				
Delivery Format:	PDF		GeoTracker EDF		EDD		Write On (DW)		EQuIS				

Report To: SEE PAGE 1 Bill To: AEI

Company:

Email:

Alt Email: Tele:

Project Name: Project #281939

Project Location: PO # 134930

Sampler Signature:

Analysis Requested

SAMPLE ID Location / Field Point	Sampling Date	Sampling Time	#Containers	Matrix	Preservative	BTEX & TPH as Gas (8021/ 8015) MTBE	TPH as Diesel (8015) + Motor Oil Without Silica Gel	TPH as Diesel (8015) + Motor Oil With Silica Gel	Total Oil & Grease (1664 / 9071) Without Silica Gel	Total Petroleum Hydrocarbons - Oil & Grease (1664 / 9071) With Silica Gel	Total Petroleum Hydrocarbons (418.1) With Silica Gel	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ; Aroclors only	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.8 / 6020)*	Metals (200.8 / 6020)	Baylands Requirements	Lab to filter sample for dissolved metals analysis	HOLD			
VB-20-8	6/13/17	0917	1	S	1																●			
VB-20-12	"	0925	1	S	1																●			
VB-20-15	"	0934	1	S	1																●			
VB-21-4	"	1211	1	S	1																●			
VB-21-7	"	1214	1	S	1																●			
VB-21-10	"	1303	1	S	1																●			
VB-21-13	"	1311	1	S	1																●			
VB-21-16	"	1323	1	S	1																●			
VB-22-2	"	0818	1	S	1																●			
VB-22-6	"	0819	1	S	1																●			

DRAFT

MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate $250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

* If metals are requested for water samples and the water type (Matrix) is not specified on the chain of custody, MAI will default to metals by E200.8.

Please provide an adequate volume of sample. If the volume is not sufficient for a MS/MSD a LCS/LCSD will be prepared in its place and noted in the report.

Comments / Instructions

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
	6/14	1520		6/14/17	1520

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SW=Seawater, S=Soil, SL=Sludge, A=Air, WP=Wipe, O=Other

Preservative Code: 1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=ZnOAc/NaOH 7=None

Temp _____ °C Initials _____

General COC

MAI Work Order # _____

6

McCAMPBELL ANALYTICAL, INC.

1534 Willow Pass Rd. Pittsburg, Ca. 94565-1701
Telephone: (877) 252-9262 / Fax: (925) 252-9269
www.mccampbell.com main@mccampbell.com

CHAIN OF CUSTODY RECORD

Turn Around Time:	1 Day Rush		2 Day Rush		3 Day Rush		STD		Quote #		
J-Flag / MDL		ESL		Cleanup Approved				Bottle Order #			
Delivery Format:	PDF		GeoTracker EDF		EDD		Write On (DW)		EQuIS		

Report To: SEE PAGE 1 Bill To: AEI

Company:

Email:

Alt Email: Tele:

Project Name: Project #281939

Project Location: PO # 134930

Sampler Signature: [signature]

Analysis Requested

SAMPLE ID Location / Field Point	Sampling Date	Sampling Time	#Containers	Matrix	Preservative	BTEX & TPH as Gas (8021/ 8015) MTBE	TPH as Diesel (8015) + Motor Oil Without Silica Gel	TPH as Diesel (8015) + Motor Oil With Silica Gel	Total Oil & Grease (1664 / 9071) Without Silica Gel	Total Petroleum Hydrocarbons - Oil & Grease (1664 / 9071) With Silica Gel	Total Petroleum Hydrocarbons (418.1) With Silica Gel	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ; Aroclors only	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.8 / 6020)*	Metals (200.8 / 6020)	Baylands Requirements	Lab to filter sample for dissolved metals analysis	HOLD			
VB-22-9	6-13-17	0834	1	S	1																●			

DRAFT

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Please provide an adequate volume of sample. If the volume is not sufficient for a MS/MSD a LCS/LCSD will be prepared in its place and noted in the report.

Comments / Instructions

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
[signature]	6/14	1520	[signature]	6/14/17	1520

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SW=Seawater, S=Soil, SL=Sludge, A=Air, WP=Wipe, O=Other

Preservative Code: 1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=ZnOAc/NaOH 7=None

Temp _____ °C Initials _____

General COC

MAI Work Order # _____

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CHAIN OF CUSTODY RECORD

Turn Around Time: 1 Day Rush		2 Day Rush		3 Day Rush		STD	●	Quote #	
J-Flag / MDL		ESL		Cleanup Approved				Bottle Order #	
Delivery Format:	PDF		GeoTracker EDF	●	EDD		Write On (DW)		EQuIS

Report To: SEE PAGE 1 Bill To: AEI

Company:

Email:

Alt Email: Tele:

Project Name: Project #281939

Project Location: PO # 134930

Sampler Signature: [signature]

Analysis Requested

SAMPLE ID Location / Field Point	Sampling Date	Sampling Time	#Containers	Matrix	Preservative	BTEX & TPH as Gas (8021/ 8015) MTBE	TPH as Diesel (8015) + Motor Oil Without Silica Gel	TPH as Diesel (8015) + Motor Oil With Silica Gel	Total Oil & Grease (1664 / 9071) Without Silica Gel	Total Petroleum Hydrocarbons - Oil & Grease (1664 / 9071) With Silica Gel	Total Petroleum Hydrocarbons (418.1) With Silica Gel	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ; Aroclors only	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.8 / 6020)*	Metals (200.8 / 6020)	Baylands Requirements	Lab to filter sample for dissolved metals analysis	HOLD	TPH Multi-Range 8015M	BTEX and fuel oxygenates 8260B	Napthalene 8270 SIM
VB-4	6/13/17	1656	7	GW	1,2																	●	●	●
VB-5	"	1611	7	GW	"																	●	●	●
VB-17	"	1331	7	GW	"																	●	●	●
VB-18*	"	1026	7	GW	"																	●	●	●
VB-19	"	1059	7	GW	"																	●	●	●
VB-20	"	0934	7	GW	"																	●	●	●
VB-21	"	1323	7	GW	"																	●	●	●
VB-22	"	0834	7	GW	"																●			

MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate $250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

* If metals are requested for water samples and the water type (Matrix) is not specified on the chain of custody, MAI will default to metals by E200.8.

Please provide an adequate volume of sample. If the volume is not sufficient for a MS/MSD a LCS/LCSD will be prepared in its place and noted in the report.

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
[signature]	6/14	1520	[signature]	6/14/17	1520

Comments / Instructions
*Not enough material to completely fill 1L bottle.

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SW=Seawater, S=Soil, SL=Sludge, A=Air, WP=Wipe, O=Other

Preservative Code: 1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=ZnOAc/NaOH 7=None

Temp _____ °C Initials _____

Page 5 of 5

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Sample Receipt Checklist

Client Name:	**AEI Consultants**	Date and Time Received	**6/14/2017 15:20**
Project Name:	**281939; Zimmerman; 3442Adeline St. Oakland,CA**	Date Logged:	**6/14/2017**
		Received by:	Maria Venegas
WorkOrder №:	**1706676** Matrix: Soil/Water	Logged by:	Kena Ponce
Carrier:	Client Drop-In		

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Sample IDs noted by Client on COC?	Yes ☑	No ☐	
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐	
Sampler's name noted on COC?	Yes ☑	No ☐	

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	NA ☐
Sample/Temp Blank temperature	Temp: 7.9°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☑	No ☐	NA ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐	
pH acceptable upon receipt (Metal: <2; 522: <4; 218.7: >8)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	
	(Ice Type: WET ICE)		

UCMR3 Samples:

Total Chlorine tested and acceptable upon receipt for EPA 522?	Yes ☐	No ☐	NA ☑
Free Chlorine tested and acceptable upon receipt for EPA 218.7, 300.1, 537, 539?	Yes ☐	No ☐	NA ☑

Comments:

DRAFT

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 1706676 A

Report Created for: AEI Consultants

2500 Camino Diablo, Ste.#200
Walnut Creek, CA 94597

Project Contact: Jonathan Sanders
Project P.O.: 134930
Project Name: 281939; Zimmerman, 3442 Adeline St. Oakland,CA

Project Received: 06/14/2017

Analytical Report reviewed & approved for release on 06/28/2017 by:

Angela Rydelius,
Laboratory 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.

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Glossary of Terms & Qualifier Definitions

Client: AEI Consultants
Project: 281939; Zimmerman, 3442 Adeline St. Oakland,CA
WorkOrder: 1706676

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
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
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
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

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Glossary of Terms & Qualifier Definitions

Client: AEI Consultants
Project: 281939; Zimmerman, 3442 Adeline St. Oakland,CA
WorkOrder: 1706676

Analytical Qualifiers

H	Samples were analyzed out of holding time
S	Surrogate spike recovery outside accepted recovery limits
c4	Surrogate recovery outside of the control limits due to coelution with another peak(s) / cluttered chromatogram.
d7	Strongly aged gasoline or diesel range compounds are significant in the TPH(g) chromatogram
d9	No recognizable pattern
e4	Gasoline range compounds are significant.

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 is out of acceptance criteria.

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706676
Date Received:	6/14/17 15:20	**Extraction Method:**	SW5030B
Date Prepared:	6/21/17	**Analytical Method:**	SW8260B
Project:	281939; Zimmerman, 3442 Adeline St. Oakland,CA	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VB-21-10	**1706676-026A**	**Soil**	**06/13/2017 13:03**	**GC18**	**140735**

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Acetone	ND	H	1.0	10	06/28/2017 17:57
tert-Amyl methyl ether (TAME)	ND	H	0.050	10	06/28/2017 17:57
Benzene	ND	H	0.050	10	06/28/2017 17:57
Bromobenzene	ND	H	0.050	10	06/28/2017 17:57
Bromochloromethane	ND	H	0.050	10	06/28/2017 17:57
Bromodichloromethane	ND	H	0.050	10	06/28/2017 17:57
Bromoform	ND	H	0.050	10	06/28/2017 17:57
Bromomethane	ND	H	0.050	10	06/28/2017 17:57
2-Butanone (MEK)	ND	H	0.20	10	06/28/2017 17:57
t-Butyl alcohol (TBA)	ND	H	0.50	10	06/28/2017 17:57
n-Butyl benzene	**0.31**	H	0.050	10	06/28/2017 17:57
sec-Butyl benzene	**0.082**	H	0.050	10	06/28/2017 17:57
tert-Butyl benzene	ND	H	0.050	10	06/28/2017 17:57
Carbon Disulfide	ND	H	0.050	10	06/28/2017 17:57
Carbon Tetrachloride	ND	H	0.050	10	06/28/2017 17:57
Chlorobenzene	ND	H	0.050	10	06/28/2017 17:57
Chloroethane	ND	H	0.050	10	06/28/2017 17:57
Chloroform	ND	H	0.050	10	06/28/2017 17:57
Chloromethane	ND	H	0.050	10	06/28/2017 17:57
2-Chlorotoluene	ND	H	0.050	10	06/28/2017 17:57
4-Chlorotoluene	ND	H	0.050	10	06/28/2017 17:57
Dibromochloromethane	ND	H	0.050	10	06/28/2017 17:57
1,2-Dibromo-3-chloropropane	ND	H	0.040	10	06/28/2017 17:57
1,2-Dibromoethane (EDB)	ND	H	0.040	10	06/28/2017 17:57
Dibromomethane	ND	H	0.050	10	06/28/2017 17:57
1,2-Dichlorobenzene	ND	H	0.050	10	06/28/2017 17:57
1,3-Dichlorobenzene	ND	H	0.050	10	06/28/2017 17:57
1,4-Dichlorobenzene	ND	H	0.050	10	06/28/2017 17:57
Dichlorodifluoromethane	ND	H	0.050	10	06/28/2017 17:57
1,1-Dichloroethane	ND	H	0.050	10	06/28/2017 17:57
1,2-Dichloroethane (1,2-DCA)	ND	H	0.040	10	06/28/2017 17:57
1,1-Dichloroethene	ND	H	0.050	10	06/28/2017 17:57
cis-1,2-Dichloroethene	ND	H	0.050	10	06/28/2017 17:57
trans-1,2-Dichloroethene	ND	H	0.050	10	06/28/2017 17:57
1,2-Dichloropropane	ND	H	0.050	10	06/28/2017 17:57
1,3-Dichloropropane	ND	H	0.050	10	06/28/2017 17:57
2,2-Dichloropropane	ND	H	0.050	10	06/28/2017 17:57

(Cont.)

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706676
Date Received:	6/14/17 15:20	**Extraction Method:**	SW5030B
Date Prepared:	6/21/17	**Analytical Method:**	SW8260B
Project:	281939; Zimmerman, 3442 Adeline St. Oakland,CA	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VB-21-10	**1706676-026A**	**Soil**	**06/13/2017 13:03**	**GC18**	**140735**

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	H	0.050	10	06/28/2017 17:57
cis-1,3-Dichloropropene	ND	H	0.050	10	06/28/2017 17:57
trans-1,3-Dichloropropene	ND	H	0.050	10	06/28/2017 17:57
Diisopropyl ether (DIPE)	ND	H	0.050	10	06/28/2017 17:57
Ethylbenzene	ND	H	0.050	10	06/28/2017 17:57
Ethyl tert-butyl ether (ETBE)	ND	H	0.050	10	06/28/2017 17:57
Freon 113	ND	H	0.050	10	06/28/2017 17:57
Hexachlorobutadiene	ND	H	0.050	10	06/28/2017 17:57
Hexachloroethane	ND	H	0.050	10	06/28/2017 17:57
2-Hexanone	ND	H	0.050	10	06/28/2017 17:57
Isopropylbenzene	**0.12**	H	0.050	10	06/28/2017 17:57
4-Isopropyl toluene	ND	H	0.050	10	06/28/2017 17:57
Methyl-t-butyl ether (MTBE)	ND	H	0.050	10	06/28/2017 17:57
Methylene chloride	ND	H	0.050	10	06/28/2017 17:57
4-Methyl-2-pentanone (MIBK)	ND	H	0.050	10	06/28/2017 17:57
Naphthalene	**0.31**	H	0.050	10	06/28/2017 17:57
n-Propyl benzene	**0.50**	H	0.050	10	06/28/2017 17:57
Styrene	ND	H	0.050	10	06/28/2017 17:57
1,1,1,2-Tetrachloroethane	ND	H	0.050	10	06/28/2017 17:57
1,1,2,2-Tetrachloroethane	ND	H	0.050	10	06/28/2017 17:57
Tetrachloroethene	ND	H	0.050	10	06/28/2017 17:57
Toluene	ND	H	0.050	10	06/28/2017 17:57
1,2,3-Trichlorobenzene	ND	H	0.050	10	06/28/2017 17:57
1,2,4-Trichlorobenzene	ND	H	0.050	10	06/28/2017 17:57
1,1,1-Trichloroethane	ND	H	0.050	10	06/28/2017 17:57
1,1,2-Trichloroethane	ND	H	0.050	10	06/28/2017 17:57
Trichloroethene	ND	H	0.050	10	06/28/2017 17:57
Trichlorofluoromethane	ND	H	0.050	10	06/28/2017 17:57
1,2,3-Trichloropropane	ND	H	0.050	10	06/28/2017 17:57
1,2,4-Trimethylbenzene	ND	H	0.050	10	06/28/2017 17:57
1,3,5-Trimethylbenzene	ND	H	0.050	10	06/28/2017 17:57
Vinyl Chloride	ND	H	0.050	10	06/28/2017 17:57
Xylenes, Total	ND	H	0.050	10	06/28/2017 17:57

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(Cont.)

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706676
Date Received:	6/14/17 15:20	**Extraction Method:**	SW5030B
Date Prepared:	6/21/17	**Analytical Method:**	SW8260B
Project:	281939; Zimmerman, 3442 Adeline St. Oakland,CA	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VB-21-10	**1706676-026A**	**Soil**	**06/13/2017 13:03**	**GC18**	**140735**

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Qualifiers**	**Limits**		
Dibromofluoromethane	114	H	70-130		06/28/2017 17:57
Toluene-d8	102	H	70-130		06/28/2017 17:57
4-BFB	113	H	70-130		06/28/2017 17:57
Benzene-d6	92	H	60-140		06/28/2017 17:57
Ethylbenzene-d10	87	H	60-140		06/28/2017 17:57
1,2-DCB-d4	93	H	60-140		06/28/2017 17:57

Analyst(s): JEM

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(Cont.)

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706676
Date Received:	6/14/17 15:20	**Extraction Method:**	SW5030B
Date Prepared:	6/21/17	**Analytical Method:**	SW8260B
Project:	281939; Zimmerman, 3442 Adeline St. Oakland,CA	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VB-21-13	**1706676-027A**	**Soil**	**06/13/2017 13:11**	**GC10**	**140735**

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Acetone	ND	H	0.40	4	06/28/2017 18:04
tert-Amyl methyl ether (TAME)	ND	H	0.020	4	06/28/2017 18:04
Benzene	ND	H	0.020	4	06/28/2017 18:04
Bromobenzene	ND	H	0.020	4	06/28/2017 18:04
Bromochloromethane	ND	H	0.020	4	06/28/2017 18:04
Bromodichloromethane	ND	H	0.020	4	06/28/2017 18:04
Bromoform	ND	H	0.020	4	06/28/2017 18:04
Bromomethane	ND	H	0.020	4	06/28/2017 18:04
2-Butanone (MEK)	ND	H	0.080	4	06/28/2017 18:04
t-Butyl alcohol (TBA)	ND	H	0.20	4	06/28/2017 18:04
n-Butyl benzene	**0.086**	H	0.020	4	06/28/2017 18:04
sec-Butyl benzene	**0.027**	H	0.020	4	06/28/2017 18:04
tert-Butyl benzene	ND	H	0.020	4	06/28/2017 18:04
Carbon Disulfide	ND	H	0.020	4	06/28/2017 18:04
Carbon Tetrachloride	ND	H	0.020	4	06/28/2017 18:04
Chlorobenzene	ND	H	0.020	4	06/28/2017 18:04
Chloroethane	ND	H	0.020	4	06/28/2017 18:04
Chloroform	ND	H	0.020	4	06/28/2017 18:04
Chloromethane	ND	H	0.020	4	06/28/2017 18:04
2-Chlorotoluene	ND	H	0.020	4	06/28/2017 18:04
4-Chlorotoluene	ND	H	0.020	4	06/28/2017 18:04
Dibromochloromethane	ND	H	0.020	4	06/28/2017 18:04
1,2-Dibromo-3-chloropropane	ND	H	0.016	4	06/28/2017 18:04
1,2-Dibromoethane (EDB)	ND	H	0.016	4	06/28/2017 18:04
Dibromomethane	ND	H	0.020	4	06/28/2017 18:04
1,2-Dichlorobenzene	ND	H	0.020	4	06/28/2017 18:04
1,3-Dichlorobenzene	ND	H	0.020	4	06/28/2017 18:04
1,4-Dichlorobenzene	ND	H	0.020	4	06/28/2017 18:04
Dichlorodifluoromethane	ND	H	0.020	4	06/28/2017 18:04
1,1-Dichloroethane	ND	H	0.020	4	06/28/2017 18:04
1,2-Dichloroethane (1,2-DCA)	ND	H	0.016	4	06/28/2017 18:04
1,1-Dichloroethene	ND	H	0.020	4	06/28/2017 18:04
cis-1,2-Dichloroethene	ND	H	0.020	4	06/28/2017 18:04
trans-1,2-Dichloroethene	ND	H	0.020	4	06/28/2017 18:04
1,2-Dichloropropane	ND	H	0.020	4	06/28/2017 18:04
1,3-Dichloropropane	ND	H	0.020	4	06/28/2017 18:04
2,2-Dichloropropane	ND	H	0.020	4	06/28/2017 18:04

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706676
Date Received:	6/14/17 15:20	**Extraction Method:**	SW5030B
Date Prepared:	6/21/17	**Analytical Method:**	SW8260B
Project:	281939; Zimmerman, 3442 Adeline St. Oakland,CA	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VB-21-13	**1706676-027A**	**Soil**	**06/13/2017 13:11**	**GC10**	**140735**

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
1,1-Dichloropropene	ND	H	0.020	4	06/28/2017 18:04
cis-1,3-Dichloropropene	ND	H	0.020	4	06/28/2017 18:04
trans-1,3-Dichloropropene	ND	H	0.020	4	06/28/2017 18:04
Diisopropyl ether (DIPE)	ND	H	0.020	4	06/28/2017 18:04
Ethylbenzene	ND	H	0.020	4	06/28/2017 18:04
Ethyl tert-butyl ether (ETBE)	ND	H	0.020	4	06/28/2017 18:04
Freon 113	ND	H	0.020	4	06/28/2017 18:04
Hexachlorobutadiene	ND	H	0.020	4	06/28/2017 18:04
Hexachloroethane	ND	H	0.020	4	06/28/2017 18:04
2-Hexanone	ND	H	0.020	4	06/28/2017 18:04
Isopropylbenzene	ND	H	0.020	4	06/28/2017 18:04
4-Isopropyl toluene	ND	H	0.020	4	06/28/2017 18:04
Methyl-t-butyl ether (MTBE)	ND	H	0.020	4	06/28/2017 18:04
Methylene chloride	ND	H	0.020	4	06/28/2017 18:04
4-Methyl-2-pentanone (MIBK)	ND	H	0.020	4	06/28/2017 18:04
Naphthalene	ND	H	0.020	4	06/28/2017 18:04
n-Propyl benzene	**0.12**	H	0.020	4	06/28/2017 18:04
Styrene	ND	H	0.020	4	06/28/2017 18:04
1,1,1,2-Tetrachloroethane	ND	H	0.020	4	06/28/2017 18:04
1,1,2,2-Tetrachloroethane	ND	H	0.020	4	06/28/2017 18:04
Tetrachloroethene	ND	H	0.020	4	06/28/2017 18:04
Toluene	ND	H	0.020	4	06/28/2017 18:04
1,2,3-Trichlorobenzene	ND	H	0.020	4	06/28/2017 18:04
1,2,4-Trichlorobenzene	ND	H	0.020	4	06/28/2017 18:04
1,1,1-Trichloroethane	ND	H	0.020	4	06/28/2017 18:04
1,1,2-Trichloroethane	ND	H	0.020	4	06/28/2017 18:04
Trichloroethene	ND	H	0.020	4	06/28/2017 18:04
Trichlorofluoromethane	ND	H	0.020	4	06/28/2017 18:04
1,2,3-Trichloropropane	ND	H	0.020	4	06/28/2017 18:04
1,2,4-Trimethylbenzene	ND	H	0.020	4	06/28/2017 18:04
1,3,5-Trimethylbenzene	ND	H	0.020	4	06/28/2017 18:04
Vinyl Chloride	ND	H	0.020	4	06/28/2017 18:04
Xylenes, Total	ND	H	0.020	4	06/28/2017 18:04

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706676
Date Received:	6/14/17 15:20	**Extraction Method:**	SW5030B
Date Prepared:	6/21/17	**Analytical Method:**	SW8260B
Project:	281939; Zimmerman, 3442 Adeline St. Oakland,CA	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VB-21-13	**1706676-027A**	**Soil**	**06/13/2017 13:11**	**GC10**	**140735**

Analytes	Result	Qualifiers	RL	DF	Date Analyzed
Surrogates	**REC (%)**	**Qualifiers**	**Limits**		
Dibromofluoromethane	120	H	70-130		06/28/2017 18:04
Toluene-d8	121	H	70-130		06/28/2017 18:04
4-BFB	126	H	70-130		06/28/2017 18:04
Benzene-d6	89	H	60-140		06/28/2017 18:04
Ethylbenzene-d10	86	H	60-140		06/28/2017 18:04
1,2-DCB-d4	87	H	60-140		06/28/2017 18:04

Analyst(s): JEM

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706676
Date Received:	6/14/17 15:20	**Extraction Method:**	SW5030B
Date Prepared:	6/21/17	**Analytical Method:**	SW8021B/8015Bm
Project:	281939; Zimmerman, 3442 Adeline St. Oakland,CA	**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
VB-21-10	**1706676-026A**	**Soil**	**06/13/2017 13:03**	**GC19**	**140788**

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	**140**	10	10	06/24/2017 19:40
MTBE	---	0.50	10	06/24/2017 19:40
Benzene	---	0.050	10	06/24/2017 19:40
Toluene	---	0.050	10	06/24/2017 19:40
Ethylbenzene	---	0.050	10	06/24/2017 19:40
Xylenes	---	0.15	10	06/24/2017 19:40

Surrogates	REC (%)	Qualifiers	Limits	
2-Fluorotoluene	178	S	62-126	06/24/2017 19:40

Analyst(s): HD Analytical Comments: d7,d9,c4

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VB-21-13	**1706676-027A**	**Soil**	**06/13/2017 13:11**	**GC19**	**140788**

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	**23**	1.0	1	06/24/2017 05:58
MTBE	---	0.050	1	06/24/2017 05:58
Benzene	---	0.0050	1	06/24/2017 05:58
Toluene	---	0.0050	1	06/24/2017 05:58
Ethylbenzene	---	0.0050	1	06/24/2017 05:58
Xylenes	---	0.015	1	06/24/2017 05:58

Surrogates	REC (%)	Limits	
2-Fluorotoluene	108	62-126	06/24/2017 05:58

Analyst(s): HD Analytical Comments: d7,d9

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1706676
Date Received:	6/14/17 15:20	**Extraction Method:**	SW3550B/3630C
Date Prepared:	6/21/17	**Analytical Method:**	SW8015B
Project:	281939; Zimmerman, 3442 Adeline St. Oakland,CA	**Unit:**	mg/Kg

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VB-21-10	**1706676-026A**	**Soil**	**06/13/2017 13:03**	**GC6A**	**140804**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**6.6**	1.0	1	06/21/2017 20:49
TPH-Motor Oil (C18-C36)	ND	5.0	1	06/21/2017 20:49

Surrogates	REC (%)	Limits	
C9	87	78-109	06/21/2017 20:49

Analyst(s): TK Analytical Comments: e4

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
VB-21-13	**1706676-027A**	**Soil**	**06/13/2017 13:11**	**GC6A**	**140804**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**1.1**	1.0	1	06/21/2017 23:26
TPH-Motor Oil (C18-C36)	ND	5.0	1	06/21/2017 23:26

Surrogates	REC (%)	Limits	
C9	87	78-109	06/21/2017 23:26

Analyst(s): TK Analytical Comments: e4

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Quality Control Report

Client:	AEI Consultants	**WorkOrder:**	1706676
Date Prepared:	6/20/17	**BatchID:**	140735
Date Analyzed:	6/20/17 - 6/21/17	**Extraction Method:**	SW5030B
Instrument:	GC10, GC18, GC28	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	281939; Zimmerman, 3442 Adeline St. Oakland,CA	**Sample ID:**	MB/LCS-140735 1706977-001AMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Acetone	ND	0.936	0.10	1	-	94	72-156
tert-Amyl methyl ether (TAME)	ND	0.0368	0.0050	0.050	-	74	53-116
Benzene	ND	0.0429	0.0050	0.050	-	86	63-137
Bromobenzene	ND	0.0440	0.0050	0.050	-	88	68-126
Bromochloromethane	ND	0.0476	0.0050	0.050	-	95	72-126
Bromodichloromethane	ND	0.0386	0.0050	0.050	-	77	61-127
Bromoform	ND	0.0304	0.0050	0.050	-	61	49-100
Bromomethane	ND	0.0683	0.0050	0.050	-	137	40-161
2-Butanone (MEK)	ND	0.153	0.020	0.20	-	76	43-157
t-Butyl alcohol (TBA)	ND	0.150	0.050	0.20	-	75	41-135
n-Butyl benzene	ND	0.0660	0.0050	0.050	-	132	102-160
sec-Butyl benzene	ND	0.0663	0.0050	0.050	-	133	74-168
tert-Butyl benzene	ND	0.0560	0.0050	0.050	-	112	88-157
Carbon Disulfide	ND	0.0533	0.0050	0.050	-	107	42-151
Carbon Tetrachloride	ND	0.0487	0.0050	0.050	-	97	49-149
Chlorobenzene	ND	0.0432	0.0050	0.050	-	86	77-121
Chloroethane	ND	0.0482	0.0050	0.050	-	96	41-134
Chloroform	ND	0.0454	0.0050	0.050	-	91	69-133
Chloromethane	ND	0.0416	0.0050	0.050	-	83	31-119
2-Chlorotoluene	ND	0.0514	0.0050	0.050	-	103	79-139
4-Chlorotoluene	ND	0.0484	0.0050	0.050	-	97	77-138
Dibromochloromethane	ND	0.0355	0.0050	0.050	-	71	58-121
1,2-Dibromo-3-chloropropane	ND	0.0125	0.0040	0.020	-	63	39-115
1,2-Dibromoethane (EDB)	ND	0.0401	0.0040	0.050	-	80	67-119
Dibromomethane	ND	0.0404	0.0050	0.050	-	81	66-117
1,2-Dichlorobenzene	ND	0.0403	0.0050	0.050	-	81	59-109
1,3-Dichlorobenzene	ND	0.0452	0.0050	0.050	-	90	75-130
1,4-Dichlorobenzene	ND	0.0444	0.0050	0.050	-	89	71-122
Dichlorodifluoromethane	ND	0.0196	0.0050	0.050	-	39, F2	43-68
1,1-Dichloroethane	ND	0.0449	0.0050	0.050	-	90	62-139
1,2-Dichloroethane (1,2-DCA)	ND	0.0433	0.0040	0.050	-	87	58-135
1,1-Dichloroethene	ND	0.0479	0.0050	0.050	-	96	42-145
cis-1,2-Dichloroethene	ND	0.0439	0.0050	0.050	-	88	67-129
trans-1,2-Dichloroethene	ND	0.0443	0.0050	0.050	-	89	54-139
1,2-Dichloropropane	ND	0.0410	0.0050	0.050	-	82	68-125
1,3-Dichloropropane	ND	0.0391	0.0050	0.050	-	78	65-125
2,2-Dichloropropane	ND	0.0488	0.0050	0.050	-	98	45-151

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Quality Control Report

Client:	AEI Consultants	**WorkOrder:**	1706676
Date Prepared:	6/20/17	**BatchID:**	140735
Date Analyzed:	6/20/17 - 6/21/17	**Extraction Method:**	SW5030B
Instrument:	GC10, GC18, GC28	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	281939; Zimmerman, 3442 Adeline St. Oakland,CA	**Sample ID:**	MB/LCS-140735 1706977-001AMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
1,1-Dichloropropene	ND	0.0449	0.0050	0.050	-	90	64-138
cis-1,3-Dichloropropene	ND	0.0386	0.0050	0.050	-	77	62-134
trans-1,3-Dichloropropene	ND	0.0369	0.0050	0.050	-	74	59-128
Diisopropyl ether (DIPE)	ND	0.0402	0.0050	0.050	-	80	52-129
Ethylbenzene	ND	0.0455	0.0050	0.050	-	91	74-142
Ethyl tert-butyl ether (ETBE)	ND	0.0401	0.0050	0.050	-	80	53-125
Freon 113	ND	0.0439	0.0050	0.050	-	88	51-126
Hexachlorobutadiene	ND	0.0591	0.0050	0.050	-	118	70-158
Hexachloroethane	ND	0.0446	0.0050	0.050	-	89	80-160
2-Hexanone	ND	0.0294	0.0050	0.050	-	59	41-116
Isopropylbenzene	ND	0.0571	0.0050	0.050	-	114	77-146
4-Isopropyl toluene	ND	0.0592	0.0050	0.050	-	118	96-159
Methyl-t-butyl ether (MTBE)	ND	0.0404	0.0050	0.050	-	81	58-122
Methylene chloride	ND	0.0465	0.0050	0.050	-	93	58-135
4-Methyl-2-pentanone (MIBK)	ND	0.0290	0.0050	0.050	-	58	40-112
Naphthalene	ND	0.0191	0.0050	0.050	-	38	23-73
n-Propyl benzene	ND	0.0571	0.0050	0.050	-	114	82-160
Styrene	ND	0.0429	0.0050	0.050	-	86	68-124
1,1,1,2-Tetrachloroethane	ND	0.0457	0.0050	0.050	-	91	70-128
1,1,2,2-Tetrachloroethane	ND	0.0341	0.0050	0.050	-	68	57-111
Tetrachloroethene	ND	0.0503	0.0050	0.050	-	101	73-145
Toluene	ND	0.0424	0.0050	0.050	-	85	76-130
1,2,3-Trichlorobenzene	ND	0.0270	0.0050	0.050	-	54	43-72
1,2,4-Trichlorobenzene	ND	0.0348	0.0050	0.050	-	70	47-95
1,1,1-Trichloroethane	ND	0.0486	0.0050	0.050	-	97	60-141
1,1,2-Trichloroethane	ND	0.0380	0.0050	0.050	-	76	62-118
Trichloroethene	ND	0.0462	0.0050	0.050	-	92	72-132
Trichlorofluoromethane	ND	0.0455	0.0050	0.050	-	91	43-135
1,2,3-Trichloropropane	ND	0.0392	0.0050	0.050	-	78	57-122
1,2,4-Trimethylbenzene	ND	0.0506	0.0050	0.050	-	101	81-152
1,3,5-Trimethylbenzene	ND	0.0537	0.0050	0.050	-	107	78-160
Vinyl Chloride	ND	0.0442	0.0050	0.050	-	88	42-131
Xylenes, Total	ND	0.134	0.0050	0.15	-	89	70-130

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Quality Control Report

Client:	AEI Consultants	**WorkOrder:**	1706676
Date Prepared:	6/20/17	**BatchID:**	140735
Date Analyzed:	6/20/17 - 6/21/17	**Extraction Method:**	SW5030B
Instrument:	GC10, GC18, GC28	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	281939; Zimmerman, 3442 Adeline St. Oakland,CA	**Sample ID:**	MB/LCS-140735 1706977-001AMS/MSD

QC Summary Report for SW8260B

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
Surrogate Recovery							
Dibromofluoromethane	0.1384	0.133		0.12	111	106	70-130
Toluene-d8	0.1405	0.144		0.12	112	115	70-130
4-BFB	0.0142	0.0117		0.012	114	93	70-130
Benzene-d6	0.08958	0.0875		0.10	90	88	60-140
Ethylbenzene-d10	0.1024	0.108		0.10	102	108	60-140
1,2-DCB-d4	0.07231	0.0826		0.10	72	83	60-140

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Quality Control Report

Client:	AEI Consultants	**WorkOrder:**	1706676
Date Prepared:	6/20/17	**BatchID:**	140735
Date Analyzed:	6/20/17 - 6/21/17	**Extraction Method:**	SW5030B
Instrument:	GC10, GC18, GC28	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	281939; Zimmerman, 3442 Adeline St. Oakland,CA	**Sample ID:**	MB/LCS-140735 1706977-001AMS/MSD

QC Summary Report for SW8260B

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Acetone	1.01	0.966	1	ND	101	97	72-156	4.16	20
tert-Amyl methyl ether (TAME)	0.0388	0.0358	0.050	ND	78	72	53-116	7.90	20
Benzene	0.0445	0.0434	0.050	ND	85	83	63-137	2.30	20
Bromobenzene	0.0381	0.0359	0.050	ND	76	72	68-126	5.80	20
Bromochloromethane	0.0406	0.0385	0.050	ND	81	77	72-126	5.24	20
Bromodichloromethane	0.0397	0.0382	0.050	ND	79	76	61-127	3.94	20
Bromoform	0.0303	0.0282	0.050	ND	61	56	49-100	7.31	20
Bromomethane	0.0526	0.0477	0.050	ND	105	95	40-161	9.85	20
2-Butanone (MEK)	0.181	0.179	0.20	ND	85	84	43-157	0.948	20
t-Butyl alcohol (TBA)	0.151	0.151	0.20	ND	76	76	41-135	0	20
n-Butyl benzene	0.0646	0.0592	0.050	0.007021	115	104	102-160	8.72	20
sec-Butyl benzene	0.0586	0.0551	0.050	ND	117	110	74-168	6.09	20
tert-Butyl benzene	0.0558	0.0459	0.050	ND	103	83,F1	88-157	19.4	20
Carbon Disulfide	0.0409	0.0394	0.050	ND	82	79	42-151	3.68	20
Carbon Tetrachloride	0.0416	0.0399	0.050	ND	83	80	49-149	4.04	20
Chlorobenzene	0.0399	0.0386	0.050	ND	80	77	77-121	3.37	20
Chloroethane	0.0513	0.0475	0.050	ND	103	95	41-134	7.74	20
Chloroform	0.0446	0.0431	0.050	ND	85	82	69-133	3.38	20
Chloromethane	0.0504	0.0463	0.050	ND	101	93	31-119	8.44	20
2-Chlorotoluene	0.0456	0.0435	0.050	ND	91	87	79-139	4.56	20
4-Chlorotoluene	0.0417	0.0405	0.050	ND	83	81	77-138	3.00	20
Dibromochloromethane	0.0347	0.0329	0.050	ND	69	66	58-121	5.47	20
1,2-Dibromo-3-chloropropane	0.0126	0.0127	0.020	ND	44	44	39-115	0	20
1,2-Dibromoethane (EDB)	0.0383	0.0371	0.050	ND	77	74	67-119	3.01	20
Dibromomethane	0.0398	0.0387	0.050	ND	80	77	66-117	2.84	20
1,2-Dichlorobenzene	0.0354	0.0346	0.050	ND	71	69	59-109	2.15	20
1,3-Dichlorobenzene	0.0416	0.0403	0.050	ND	83	81	75-130	3.26	20
1,4-Dichlorobenzene	0.0399	0.0389	0.050	ND	80	78	71-122	2.62	20
Dichlorodifluoromethane	0.0204	0.0190	0.050	ND	41,F1	38,F1	43-68	7.48	20
1,1-Dichloroethane	0.0438	0.0424	0.050	ND	88	85	62-139	3.14	20
1,2-Dichloroethane (1,2-DCA)	0.0424	0.0414	0.050	ND	85	83	58-135	2.60	20
1,1-Dichloroethene	0.0394	0.0382	0.050	ND	79	76	42-145	3.14	20
cis-1,2-Dichloroethene	0.0414	0.0396	0.050	ND	83	79	67-129	4.46	20
trans-1,2-Dichloroethene	0.0416	0.0401	0.050	ND	83	80	54-139	3.53	20
1,2-Dichloropropane	0.0427	0.0416	0.050	ND	85	83	68-125	2.67	20
1,3-Dichloropropane	0.0405	0.0393	0.050	ND	81	79	65-125	3.06	20
2,2-Dichloropropane	0.0425	0.0409	0.050	ND	85	82	45-151	3.99	20

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(Cont.)

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Quality Control Report

Client:	AEI Consultants	**WorkOrder:**	1706676
Date Prepared:	6/20/17	**BatchID:**	140735
Date Analyzed:	6/20/17 - 6/21/17	**Extraction Method:**	SW5030B
Instrument:	GC10, GC18, GC28	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	281939; Zimmerman, 3442 Adeline St. Oakland,CA	**Sample ID:**	MB/LCS-140735 1706977-001AMS/MSD

QC Summary Report for SW8260B

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
1,1-Dichloropropene	0.0430	0.0433	0.050	ND	86	87	64-138	0.575	20
cis-1,3-Dichloropropene	0.0411	0.0394	0.050	ND	82	79	62-134	4.20	20
trans-1,3-Dichloropropene	0.0432	0.0413	0.050	ND	86	83	59-128	4.37	20
Diisopropyl ether (DIPE)	0.0423	0.0409	0.050	ND	85	82	52-129	3.20	20
Ethylbenzene	0.0572	0.0582	0.050	0.01423	86	88	74-142	1.81	20
Ethyl tert-butyl ether (ETBE)	0.0410	0.0398	0.050	ND	82	80	53-125	2.84	20
Freon 113	0.0344	0.0326	0.050	ND	69	65	51-126	5.57	20
Hexachlorobutadiene	0.0469	0.0446	0.050	ND	94	89	70-158	5.14	20
Hexachloroethane	0.0545	0.0576	0.050	ND	100	107	80-160	5.59	20
2-Hexanone	0.0315	0.0310	0.050	ND	63	62	41-116	1.83	20
Isopropylbenzene	0.0473	0.0474	0.050	ND	95	95	77-146	0	20
4-Isopropyl toluene	0.0484	0.0456	0.050	ND	97	91,F1	96-159	5.96	20
Methyl-t-butyl ether (MTBE)	0.0400	0.0394	0.050	ND	80	79	58-122	1.53	20
Methylene chloride	0.0444	0.0427	0.050	ND	89	85	58-135	3.85	20
4-Methyl-2-pentanone (MIBK)	0.0453	0.0436	0.050	ND	91	87	40-112	3.89	20
Naphthalene	0.0264	0.0267	0.050	0.005125	42	43	23-73	1.11	20
n-Propyl benzene	0.0608	0.0580	0.050	0.008030	106	100	82-160	4.70	20
Styrene	0.0384	0.0385	0.050	ND	77	77	68-124	0	20
1,1,1,2-Tetrachloroethane	0.0392	0.0373	0.050	ND	78	75	70-128	5.00	20
1,1,2,2-Tetrachloroethane	0.0413	0.0381	0.050	ND	77	71	57-111	8.06	20
Tetrachloroethene	0.0411	0.0388	0.050	ND	82	78	73-145	5.63	20
Toluene	0.0488	0.0493	0.050	0.009502	79	80	76-130	0.944	20
1,2,3-Trichlorobenzene	0.0252	0.0249	0.050	ND	50	50	43-72	0	20
1,2,4-Trichlorobenzene	0.0302	0.0299	0.050	ND	60	60	47-95	0	20
1,1,1-Trichloroethane	0.0421	0.0406	0.050	ND	84	81	60-141	3.59	20
1,1,2-Trichloroethane	0.0394	0.0380	0.050	ND	79	76	62-118	3.67	20
Trichloroethene	0.0403	0.0384	0.050	ND	81	77	72-132	4.97	20
Trichlorofluoromethane	0.0370	0.0360	0.050	ND	74	72	43-135	2.63	20
1,2,3-Trichloropropane	0.0442	0.0410	0.050	ND	88	82	57-122	7.52	20
1,2,4-Trimethylbenzene	0.0859	0.0845	0.050	0.03740	97	94	81-152	1.69	20
1,3,5-Trimethylbenzene	0.0652	0.0615	0.050	0.01443	102	94	78-160	5.87	20
Vinyl Chloride	0.0520	0.0477	0.050	ND	104	95	42-131	8.73	20
Xylenes, Total	0.160	0.167	0.15	0.03902	81	85	70-130	4.15	20

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Quality Control Report

Client:	AEI Consultants	**WorkOrder:**	1706676
Date Prepared:	6/20/17	**BatchID:**	140735
Date Analyzed:	6/20/17 - 6/21/17	**Extraction Method:**	SW5030B
Instrument:	GC10, GC18, GC28	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	281939; Zimmerman, 3442 Adeline St. Oakland,CA	**Sample ID:**	MB/LCS-140735 1706977-001AMS/MSD

QC Summary Report for SW8260B

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Surrogate Recovery									
Dibromofluoromethane	0.146	0.149	0.12		117	119	70-130	1.44	20
Toluene-d8	0.156	0.154	0.12		125	123	70-130	1.29	20
4-BFB	0.0138	0.0131	0.012		111	105	70-130	5.57	20
Benzene-d6	0.0896	0.0867	0.10		90	87	60-140	3.25	20
Ethylbenzene-d10	0.0990	0.0960	0.10		99	96	60-140	3.05	20
1,2-DCB-d4	0.0742	0.0722	0.10		74	72	60-140	2.67	20

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Quality Control Report

Client:	AEI Consultants	**WorkOrder:**	1706676
Date Prepared:	6/20/17	**BatchID:**	140788
Date Analyzed:	6/22/17 - 6/24/17	**Extraction Method:**	SW5030B
Instrument:	GC19	**Analytical Method:**	SW8021B/8015Bm
Matrix:	Soil	**Unit:**	mg/Kg
Project:	281939; Zimmerman, 3442 Adeline St. Oakland,CA	**Sample ID:**	MB/LCS-140788 1706979-001AMS/MSD

QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
TPH(btex)	ND	0.593	0.40	0.60	-	99	82-118
MTBE	ND	0.100	0.050	0.10	-	100	61-119
Benzene	ND	0.106	0.0050	0.10	-	106	77-128
Toluene	ND	0.109	0.0050	0.10	-	109	74-132
Ethylbenzene	ND	0.107	0.0050	0.10	-	107	84-127
Xylenes	ND	0.308	0.015	0.30	-	103	86-129
Surrogate Recovery							
2-Fluorotoluene	0.09308	0.0956		0.10	93	96	75-134

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
TPH(btex)	0.455	0.404	0.60	ND	76	67	58-129	11.9	20
MTBE	0.0660	ND	0.10	ND	66	49	47-118	30.3,F1	20
Benzene	0.0722	0.0670	0.10	ND	72	67	55-129	7.42	20
Toluene	0.0852	0.0846	0.10	ND	84	83	56-130	0.725	20
Ethylbenzene	0.0887	0.0902	0.10	ND	89	90	63-129	1.73	20
Xylenes	0.263	0.262	0.30	ND	87	86	64-131	0.330	20
Surrogate Recovery									
2-Fluorotoluene	0.0776	0.0790	0.10		78	79	62-126	1.71	20

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Quality Control Report

Client:	AEI Consultants	**WorkOrder:**	1706676
Date Prepared:	6/21/17	**BatchID:**	140804
Date Analyzed:	6/21/17	**Extraction Method:**	SW3550B/3630C
Instrument:	GC6A	**Analytical Method:**	SW8015B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	281939; Zimmerman, 3442 Adeline St. Oakland,CA	**Sample ID:**	MB/LCS-140804 1706676-026AMS/MSD

QC Report for SW8015B w/ Silica Gel Clean-Up

Analyte	MB Result	LCS Result	RL	SPK Val	MB SS %REC	LCS %REC	LCS Limits
TPH-Diesel (C10-C23)	ND	42.9	1.0	40	-	107	79-133
TPH-Motor Oil (C18-C36)	ND	-	5.0	-	-	-	-
Surrogate Recovery							
C9	22.2	22.5		25	89	90	77-109

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	44.4	45.4	40	6.564	95	97	59-150	2.26	30
Surrogate Recovery									
C9	21.5	21.4	25		86	86	78-109	0	30

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NELAP 4033ORELAP

QA/QC Officer

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1706676 A **ClientCode: AEL**

☐ WaterTrax ☐ WriteOn ☑ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
Jonathan Sanders
AEI Consultants
2500 Camino Diablo, Ste.#200
Walnut Creek, CA 94597
(925) 321-3561 FAX: (925) 283-6121

Email: jsanders@aeiconsultants.com
cc/3rd Party: nbricker@aeiconsultants.com;
PO: 134930
ProjectNo: 281939; Zimmerman, 3442 Adeline St. Oakland,CA

Bill to:
Accounts Payable
AEI Consultants
2500 Camino Diablo, Ste. #200
Walnut Creek, CA 94597
AccountsPayable@AEIConsultants.com

Requested TAT: 5 days;

Date Received: 06/14/2017
Date Logged: 06/14/2017
Date Add-On: 06/21/2017

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
1706676-026	VB-21-10	Soil	6/13/2017 13:03	☐	A	A	A									
1706676-027	VB-21-13	Soil	6/13/2017 13:11	☐	A	A	A									

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Test Legend:

1	8260B_S	2	G-MBTEX_S	3	TPH(DMO)WSG_S	4	
5		6		7		8	
9		10		11		12	

Prepared by: Kena Ponce

Add-On Prepared By: Jena Alfaro

Comments: 026 and 027 taken off hold for 8260, GDMO 6/21/17 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.

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WORK ORDER SUMMARY

Client Name: AEI CONSULTANTS
Client Contact: Jonathan Sanders
Contact's Email jsanders@aeiconsultants.com

Project: 281939; Zimmerman, 3442 Adeline St. Oakland,CA
Comments: 026 and 027 taken off hold for 8260, GDMO 6/21/17 STAT

Work Order: 1706676
QC Level: LEVEL 2
Date Logged: 6/14/2017
Date Add-On: 6/21/2017

Lab ID	Client ID	Matrix	Test Name	Containers /Composites	Bottle & Preservative	Collection Date & Time	TAT	Sediment Content	Hold	SubOut
1706676-026A	VB-21-10	Soil	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	1	Acetate Liner	6/13/2017 13:03	5 days		☐	
			SW8260B (VOCs)				5 days		☐	
1706676-027A	VB-21-13	Soil	Multi-Range TPH(g,d,mo) w/ S.G. Clean-Up	1	Acetate Liner	6/13/2017 13:11	5 days		☐	
			SW8260B (VOCs)				5 days		☐	

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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.

General COC

MAI Work Order # _____

McCAMPBELL ANALYTICAL, INC.

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CHAIN OF CUSTODY RECORD

Turn Around Time: 1 Day Rush | 2 Day Rush | 3 Day Rush | STD | Quote #
J-Flag / MDL | ESL | Cleanup Approved | Bottle Order #
Delivery Format: PDF | GeoTracker EDF | EDD | Write On (DW) | EQuIS

Report To: SEE PAGE 1 Bill To: AEI
Company:
Email:
Alt Email: Tele:
Project Name: Project #281939
Project Location: PO # 134930
Sampler Signature:

Analysis Requested

SAMPLE ID Location / Field Point	Sampling Date	Sampling Time	#Containers	Matrix	Preservative	BTEX & TPH as Gas (8021/ 8015) MTBE	TPH as Diesel (8015) + Motor Oil Without Silica Gel	TPH as Diesel (8015) + Motor Oil With Silica Gel + Gas	Total Oil & Grease (1664 / 9071) Without Silica Gel	Total Petroleum Hydrocarbons - Oil & Grease (1664 / 9071) With Silica Gel	Total Petroleum Hydrocarbons (418.1) With Silica Gel	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ; Aroclors only	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.8 / 6020)*	Metals (200.8 / 6020)	Baylands Requirements	Lab to filter sample for dissolved metals analysis	HOLD
VB-20-8	6/13/17	0917	1	S	1																●
VB-20-12	"	0925	1	S	1																●
VB-20-15	"	0934	1	S	1																●
VB-21-4	"	1211	1	S	1																●
VB-21-7	"	1214	1	S	1																●
VB-21-10	"	1303	1	S	1			X						X							●
VB-21-13	"	1311	1	S	1			X						X							●
VB-21-16	"	1323	1	S	1																●
VB-22-2	"	0818	1	S	1																●
VB-22-6	"	0819	1	S	1																●

MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate $250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

* If metals are requested for water samples and the water type (Matrix) is not specified on the chain of custody, MAI will default to metals by E200.8.

Please provide an adequate volume of sample. If the volume is not sufficient for a MS/MSD a LCS/LCSD will be prepared in its place and noted in the report.

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
	6/14	1520		6/14/17	1520

Comments / Instructions

added 6/21/17 STAT

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SW=Seawater, S=Soil, SL=Sludge, A=Air, WP=Wipe, O=Other

Preservative Code: 1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=ZnOAc/NaOH 7=None

Temp _____ °C Initials _____

DRAFT

ANALYTICAL REPORT

June 23, 2017

AEI Consultants - CA

Sample Delivery Group:	L917000
Samples Received:	06/19/2017
Project Number:	281939
Description:	Zimmerman
Site:	3442 ADELINE STREET
Report To:	Jonathan Sanders 2500 Camino Diablo Walnut Creek, CA 94597

DRAFT

Entire Report Reviewed By: Brian Ford

Brian Ford
Technical Service Representative

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

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8 Al
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VB-7 L917000-01 Air

Collected by: Nathan Bricker | Collected date/time: 06/15/17 12:18 | Received date/time: 06/19/17 09:40

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC) by Method ASTM 1946	WG991081	5	06/21/17 13:41	06/21/17 13:41	AMC
Volatile Organic Compounds (MS) by Method TO-15	WG990972	2	06/20/17 18:19	06/20/17 18:19	MJ
Organic Compounds (GC) by Method D1946	WG990784	1	06/20/17 09:50	06/20/17 09:50	AMC

VB-22 L917000-02 Air

Collected by: Nathan Bricker | Collected date/time: 06/15/17 13:08 | Received date/time: 06/19/17 09:40

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC) by Method ASTM 1946	WG991081	5	06/21/17 14:08	06/21/17 14:08	AMC
Volatile Organic Compounds (MS) by Method TO-15	WG990972	2	06/20/17 19:02	06/20/17 19:02	MJ
Organic Compounds (GC) by Method D1946	WG990784	1	06/20/17 10:03	06/20/17 10:03	AMC

VB-9 L917000-03 Air

Collected by: Nathan Bricker | Collected date/time: 06/15/17 13:53 | Received date/time: 06/19/17 09:40

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC) by Method ASTM 1946	WG991081	1	06/21/17 10:35	06/21/17 10:35	AMC
Volatile Organic Compounds (MS) by Method TO-15	WG991407	800	06/21/17 22:03	06/21/17 22:03	DWR
Volatile Organic Compounds (MS) by Method TO-15	WG991947	4000	06/22/17 21:57	06/22/17 21:57	DWR
Organic Compounds (GC) by Method D1946	WG990784	1	06/20/17 10:16	06/20/17 10:16	AMC

VB-21 L917000-04 Air

Collected by: Nathan Bricker | Collected date/time: 06/15/17 15:08 | Received date/time: 06/19/17 09:40

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC) by Method ASTM 1946	WG991081	1	06/21/17 10:48	06/21/17 10:48	AMC
Volatile Organic Compounds (MS) by Method TO-15	WG990972	2	06/20/17 19:45	06/20/17 19:45	MJ
Volatile Organic Compounds (MS) by Method TO-15	WG991947	20	06/22/17 22:36	06/22/17 22:36	DWR
Organic Compounds (GC) by Method D1946	WG990784	1	06/20/17 11:59	06/20/17 11:59	AMC

VB-10 L917000-05 Air

Collected by: Nathan Bricker | Collected date/time: 06/15/17 15:53 | Received date/time: 06/19/17 09:40

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC) by Method ASTM 1946	WG991081	1	06/21/17 11:20	06/21/17 11:20	AMC
Volatile Organic Compounds (MS) by Method TO-15	WG990972	2	06/20/17 20:33	06/20/17 20:33	MJ
Organic Compounds (GC) by Method D1946	WG990784	1	06/20/17 11:01	06/20/17 11:01	AMC

VB-20 L917000-06 Air

Collected by: Nathan Bricker | Collected date/time: 06/15/17 16:25 | Received date/time: 06/19/17 09:40

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC) by Method ASTM 1946	WG991081	1	06/21/17 12:14	06/21/17 12:14	AMC
Volatile Organic Compounds (MS) by Method TO-15	WG990972	2	06/20/17 21:17	06/20/17 21:17	MJ
Organic Compounds (GC) by Method D1946	WG990784	1	06/20/17 11:17	06/20/17 11:17	AMC

DRAFT

VB-12 L917000-07 Air

Collected by: Nathan Bricker
Collected date/time: 06/15/17 13:57
Received date/time: 06/19/17 09:40

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC) by Method ASTM 1946	WG991081	1	06/21/17 12:29	06/21/17 12:29	AMC
Volatile Organic Compounds (MS) by Method TO-15	WG991407	29.25	06/21/17 22:51	06/21/17 22:51	DWR
Volatile Organic Compounds (MS) by Method TO-15	WG991947	2340	06/22/17 23:15	06/22/17 23:15	DWR
Organic Compounds (GC) by Method D1946	WG990784	1	06/20/17 11:32	06/20/17 11:32	AMC

VB-18 L917000-08 Air

Collected by: Nathan Bricker
Collected date/time: 06/15/17 16:05
Received date/time: 06/19/17 09:40

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC) by Method ASTM 1946	WG991081	1	06/21/17 12:42	06/21/17 12:42	AMC
Volatile Organic Compounds (MS) by Method TO-15	WG990972	2	06/20/17 22:02	06/20/17 22:02	MJ
Organic Compounds (GC) by Method D1946	WG990784	1	06/20/17 11:45	06/20/17 11:45	AMC

VB-17 L917000-10 Air

Collected by: Nathan Bricker
Collected date/time: 06/15/17 15:27
Received date/time: 06/19/17 09:40

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC) by Method ASTM 1946	WG991081	1	06/21/17 12:54	06/21/17 12:54	AMC
Volatile Organic Compounds (MS) by Method TO-15	WG991407	2	06/21/17 23:41	06/21/17 23:41	DWR
Volatile Organic Compounds (MS) by Method TO-15	WG991947	16	06/22/17 23:54	06/22/17 23:54	DWR
Organic Compounds (GC) by Method D1946	WG990784	1	06/20/17 12:13	06/20/17 12:13	AMC

DRAFT

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. All MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Brian Ford

Brian Ford
Technical Service Representative

Project Narrative

L917000-07 (VB-12) TO-15, Helium: Sample was accidentally exposed to ambient air in the lab. Results may be biased low due to loss of VOCs. Results may be biased high due to contamination. Oxygen, carbon dioxide, and methane results were unaffected.
L917000-09 (VB-14) cannot be analyzed due to insufficient sample volume.

DRAFT

Volatile Organic Compounds (GC) by Method ASTM 1946

Analyte	CAS #	Mol. Wt.	RDL ppb	Result ppb	Qualifier	Dilution	Batch
Helium	7440-59-7		500000	3050000		5	WG991081

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
TPH (GC/MS) Low Fraction	8006-61-9	101	100	413	500	2060		2	WG990972
Benzene	71-43-2	78.10	0.400	1.28	1.09	3.47		2	WG990972
Ethylbenzene	100-41-4	106	0.400	1.73	ND	ND		2	WG990972
MTBE	1634-04-4	88.10	0.400	1.44	ND	ND		2	WG990972
Toluene	108-88-3	92.10	0.400	1.51	ND	ND		2	WG990972
m&p-Xylene	1330-20-7	106	0.800	3.47	ND	ND		2	WG990972
o-Xylene	95-47-6	106	0.400	1.73	ND	ND		2	WG990972
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*103*				WG990972

Organic Compounds (GC) by Method D1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Oxygen	7782-44-7	32	2.00	10.9		1	WG990784
Carbon Dioxide	124-38-9	44.01	0.500	2.39		1	WG990784
Methane	74-82-8	16	0.400	ND		1	WG990784

DRAFT

Volatile Organic Compounds (GC) by Method ASTM 1946

Analyte	CAS #	Mol. Wt.	RDL ppb	Result ppb	Qualifier	Dilution	Batch
Helium	7440-59-7		500000	1500000		5	WG991081

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
TPH (GC/MS) Low Fraction	8006-61-9	101	100	413	1590	6580		2	WG990972
Benzene	71-43-2	78.10	0.400	1.28	8.35	26.7		2	WG990972
Ethylbenzene	100-41-4	106	0.400	1.73	0.445	1.93		2	WG990972
MTBE	1634-04-4	88.10	0.400	1.44	ND	ND		2	WG990972
Toluene	108-88-3	92.10	0.400	1.51	1.97	7.43		2	WG990972
m&p-Xylene	1330-20-7	106	0.800	3.47	ND	ND		2	WG990972
o-Xylene	95-47-6	106	0.400	1.73	ND	ND		2	WG990972
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*100*				WG990972

Organic Compounds (GC) by Method D1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Oxygen	7782-44-7	32	2.00	7.13		1	WG990784
Carbon Dioxide	124-38-9	44.01	0.500	1.76		1	WG990784
Methane	74-82-8	16	0.400	ND		1	WG990784

DRAFT

Volatile Organic Compounds (GC) by Method ASTM 1946

Analyte	CAS #	Mol. Wt.	RDL ppb	Result ppb	Qualifier	Dilution	Batch
Helium	7440-59-7		100000	ND		1	WG991081

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
TPH (GC/MS) Low Fraction	8006-61-9	101	200000	826000	1910000	7910000		4000	WG991947
Benzene	71-43-2	78.10	36.8	118	ND	ND		800	WG991407
Ethylbenzene	100-41-4	106	40.5	175	88.7	385	Z1	800	WG991407
MTBE	1634-04-4	88.10	40.4	146	47.0	169	Z1	800	WG991407
Toluene	108-88-3	92.10	39.9	150	225	847		800	WG991407
m&p-Xylene	1330-20-7	106	75.7	328	171	741	Z1	800	WG991407
o-Xylene	95-47-6	106	50.6	220	68.6	297	Z1	800	WG991407
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*107*				WG991407
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*98.9*				WG991947

Sample Narrative:

TO-15 L917000-03 WG991407: Non-target compounds too high to run at a lower dilution. Reporting to the MDL.

Organic Compounds (GC) by Method D1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Oxygen	7782-44-7	32	2.00	3.18		1	WG990784
Carbon Dioxide	124-38-9	44.01	0.500	4.76		1	WG990784
Methane	74-82-8	16	0.400	ND		1	WG990784

DRAFT

Volatile Organic Compounds (GC) by Method ASTM 1946

Analyte	CAS #	Mol. Wt.	RDL ppb	Result ppb	Qualifier	Dilution	Batch
Helium	7440-59-7		100000	683000		1	WG991081

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
TPH (GC/MS) Low Fraction	8006-61-9	101	100	413	2320	9590		2	WG990972
Benzene	71-43-2	78.10	0.400	1.28	25.6	81.7		2	WG990972
Ethylbenzene	100-41-4	106	0.400	1.73	13.1	56.7		2	WG990972
MTBE	1634-04-4	88.10	0.400	1.44	ND	ND		2	WG990972
Toluene	108-88-3	92.10	4.00	15.1	171	644		20	WG991947
m&p-Xylene	1330-20-7	106	0.800	3.47	49.5	215		2	WG990972
o-Xylene	95-47-6	106	0.400	1.73	13.3	57.6		2	WG990972
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*101*				WG991947
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*106*				WG990972

Organic Compounds (GC) by Method D1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Oxygen	7782-44-7	32	2.00	14.7		1	WG990784
Carbon Dioxide	124-38-9	44.01	0.500	ND		1	WG990784
Methane	74-82-8	16	0.400	ND		1	WG990784

DRAFT

Volatile Organic Compounds (GC) by Method ASTM 1946

Analyte	CAS #	Mol. Wt.	RDL ppb	Result ppb	Qualifier	Dilution	Batch
Helium	7440-59-7		100000	1860000		1	WG991081

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
TPH (GC/MS) Low Fraction	8006-61-9	101	100	413	1190	4920		2	WG990972
Benzene	71-43-2	78.10	0.400	1.28	ND	ND		2	WG990972
Ethylbenzene	100-41-4	106	0.400	1.73	0.774	3.35		2	WG990972
MTBE	1634-04-4	88.10	0.400	1.44	ND	ND		2	WG990972
Toluene	108-88-3	92.10	0.400	1.51	3.26	12.3		2	WG990972
m&p-Xylene	1330-20-7	106	0.800	3.47	2.24	9.73		2	WG990972
o-Xylene	95-47-6	106	0.400	1.73	1.15	4.96		2	WG990972
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*99.3*				WG990972

Organic Compounds (GC) by Method D1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Oxygen	7782-44-7	32	2.00	13.5		1	WG990784
Carbon Dioxide	124-38-9	44.01	0.500	2.37		1	WG990784
Methane	74-82-8	16	0.400	ND		1	WG990784

DRAFT

Volatile Organic Compounds (GC) by Method ASTM 1946

Analyte	CAS #	Mol. Wt.	RDL ppb	Result ppb	Qualifier	Dilution	Batch
Helium	7440-59-7		100000	1510000		1	WG991081

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
TPH (GC/MS) Low Fraction	8006-61-9	101	100	413	819	3380		2	WG990972
Benzene	71-43-2	78.10	0.400	1.28	2.46	7.86		2	WG990972
Ethylbenzene	100-41-4	106	0.400	1.73	1.44	6.23		2	WG990972
MTBE	1634-04-4	88.10	0.400	1.44	ND	ND		2	WG990972
Toluene	108-88-3	92.10	0.400	1.51	13.5	50.8		2	WG990972
m&p-Xylene	1330-20-7	106	0.800	3.47	6.93	30.1		2	WG990972
o-Xylene	95-47-6	106	0.400	1.73	1.89	8.18		2	WG990972
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*99.4*				WG990972

Organic Compounds (GC) by Method D1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Oxygen	7782-44-7	32	2.00	11.7		1	WG990784
Carbon Dioxide	124-38-9	44.01	0.500	3.58		1	WG990784
Methane	74-82-8	16	0.400	ND		1	WG990784

DRAFT

Volatile Organic Compounds (GC) by Method ASTM 1946

Analyte	CAS #	Mol. Wt.	RDL ppb	Result ppb	Qualifier	Dilution	Batch
Helium	7440-59-7		100000	ND		1	WG991081

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
TPH (GC/MS) Low Fraction	8006-61-9	101	117000	483000	421000	1740000		2340	WG991947
Benzene	71-43-2	78.10	5.85	18.7	401	1280		29.25	WG991407
Ethylbenzene	100-41-4	106	5.85	25.4	71.8	311		29.25	WG991407
MTBE	1634-04-4	88.10	5.85	21.1	ND	ND		29.25	WG991407
Toluene	108-88-3	92.10	5.85	22.0	61.3	231		29.25	WG991407
m&p-Xylene	1330-20-7	106	11.7	50.7	225	974		29.25	WG991407
o-Xylene	95-47-6	106	5.85	25.4	72.4	314		29.25	WG991407
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*98.8*				WG991947
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*127*				WG991407

Organic Compounds (GC) by Method D1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Oxygen	7782-44-7	32	2.00	2.85		1	WG990784
Carbon Dioxide	124-38-9	44.01	0.500	9.72	E	1	WG990784
Methane	74-82-8	16	0.400	ND		1	WG990784

Sample Narrative:

D1946 L917000-07 WG990784: No sample remains for further analysis.

DRAFT

Volatile Organic Compounds (GC) by Method ASTM 1946

Analyte	CAS #	Mol. Wt.	RDL ppb	Result ppb	Qualifier	Dilution	Batch
Helium	7440-59-7		100000	2430000		1	WG991081

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
TPH (GC/MS) Low Fraction	8006-61-9	101	100	413	367	1510		2	WG990972
Benzene	71-43-2	78.10	0.400	1.28	0.609	1.94		2	WG990972
Ethylbenzene	100-41-4	106	0.400	1.73	ND	ND		2	WG990972
MTBE	1634-04-4	88.10	0.400	1.44	ND	ND		2	WG990972
Toluene	108-88-3	92.10	0.400	1.51	2.28	8.60		2	WG990972
m&p-Xylene	1330-20-7	106	0.800	3.47	1.06	4.58		2	WG990972
o-Xylene	95-47-6	106	0.400	1.73	0.472	2.05		2	WG990972
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*102*				WG990972

Organic Compounds (GC) by Method D1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Oxygen	7782-44-7	32	2.00	4.71		1	WG990784
Carbon Dioxide	124-38-9	44.01	0.500	4.36		1	WG990784
Methane	74-82-8	16	0.400	ND		1	WG990784

DRAFT

Volatile Organic Compounds (GC) by Method ASTM 1946

Analyte	CAS #	Mol. Wt.	RDL ppb	Result ppb	Qualifier	Dilution	Batch
Helium	7440-59-7		100000	2090000		1	WG991081

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
TPH (GC/MS) Low Fraction	8006-61-9	101	800	3300	5490	22700		16	WG991947
Benzene	71-43-2	78.10	0.400	1.28	8.52	27.2		2	WG991407
Ethylbenzene	100-41-4	106	0.400	1.73	3.15	13.6		2	WG991407
MTBE	1634-04-4	88.10	0.400	1.44	ND	ND		2	WG991407
Toluene	108-88-3	92.10	0.400	1.51	14.7	55.3		2	WG991407
m&p-Xylene	1330-20-7	106	0.800	3.47	8.94	38.8		2	WG991407
o-Xylene	95-47-6	106	0.400	1.73	3.20	13.9		2	WG991407
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*102*				WG991947
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*116*				WG991407

Organic Compounds (GC) by Method D1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Oxygen	7782-44-7	32	2.00	8.82		1	WG990784
Carbon Dioxide	124-38-9	44.01	0.500	3.14		1	WG990784
Methane	74-82-8	16	0.400	ND		1	WG990784

DRAFT

Method Blank (MB)

(MB) R3227496-3 06/21/17 08:53

Analyte	MB Result ppb	MB Qualifier	MB MDL ppb	MB RDL ppb
Helium	U		30000	100000

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3227496-1 06/21/17 08:02 • (LCSD) R3227496-2 06/21/17 08:20

Analyte	Spike Amount ppb	LCS Result ppb	LCSD Result ppb	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Helium	500000	447000	479000	89.4	95.9	70.0-130			7.00	25

DRAFT

Method Blank (MB)

(MB) R3227072-3 06/20/17 10:27

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Benzene	U		0.0460	0.200
Ethylbenzene	U		0.0506	0.200
MTBE	U		0.0505	0.200
Toluene	U		0.0499	0.200
m&p-Xylene	U		0.0946	0.400
o-Xylene	U		0.0633	0.200
TPH (GC/MS) Low Fraction	U		6.91	50.0
(S) 1,4-Bromofluorobenzene	*96.7*			*60.0-140*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3227072-1 06/20/17 08:58 • (LCSD) R3227072-2 06/20/17 09:41

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
MTBE	3.75	4.00	3.98	107	106	70.0-130			0.580	25
Benzene	3.75	4.11	4.09	110	109	70.0-130			0.390	25
Toluene	3.75	4.08	4.14	109	110	70.0-130			1.43	25
Ethylbenzene	3.75	4.19	4.13	112	110	70.0-130			1.43	25
m&p-Xylene	7.50	8.36	8.38	112	112	70.0-130			0.210	25
o-Xylene	3.75	4.13	4.11	110	110	70.0-130			0.590	25
TPH (GC/MS) Low Fraction	176	192	191	109	109	70.0-130			0.280	25
(S) 1,4-Bromofluorobenzene				*98.8*	*99.0*	*60.0-140*				

DRAFT

Method Blank (MB)

(MB) R3227491-2 06/21/17 10:50

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Benzene	U		0.0460	0.200
Ethylbenzene	U		0.0506	0.200
MTBE	U		0.0505	0.200
Toluene	U		0.0499	0.200
m&p-Xylene	U		0.0946	0.400
o-Xylene	U		0.0633	0.200
(S) 1,4-Bromofluorobenzene	*91.4*			*60.0-140*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3227491-1 06/21/17 09:08 • (LCSD) R3227491-3 06/21/17 10:00

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
MTBE	3.75	4.21	4.33	112	115	70.0-130			2.81	25
Benzene	3.75	4.14	4.11	110	110	70.0-130			0.770	25
Toluene	3.75	4.03	3.97	108	106	70.0-130			1.62	25
Ethylbenzene	3.75	4.07	4.04	109	108	70.0-130			0.860	25
m&p-Xylene	7.50	7.86	7.79	105	104	70.0-130			0.940	25
o-Xylene	3.75	3.94	3.87	105	103	70.0-130			1.75	25
(S) 1,4-Bromofluorobenzene				*97.7*	*93.9*	*60.0-140*				

DRAFT

Method Blank (MB)

(MB) R3228144-3 06/22/17 12:05

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Toluene	U		0.0499	0.200
TPH (GC/MS) Low Fraction	U		6.91	50.0
(S) 1,4-Bromofluorobenzene	*95.9*			*60.0-140*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3228144-1 06/22/17 10:42 • (LCSD) R3228144-2 06/22/17 11:23

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Toluene	3.75	3.80	3.80	101	101	70.0-130			0.220	25
TPH (GC/MS) Low Fraction	176	179	182	102	103	70.0-130			1.40	25
(S) 1,4-Bromofluorobenzene				*98.4*	*101*	*60.0-140*				

DRAFT

Method Blank (MB)

(MB) R3227121-3 06/20/17 08:56

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Oxygen	U		0.225	2.00
Carbon Dioxide	U		0.121	0.500
Methane	U		0.0584	0.400

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3227121-1 06/20/17 08:20 • (LCSD) R3227121-2 06/20/17 08:39

Analyte	Spike Amount %	LCS Result %	LCSD Result %	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Oxygen	3.50	3.43	3.52	98.1	101	70.0-130			2.51	20
Carbon Dioxide	3.50	3.22	3.15	92.1	90.1	70.0-130			2.15	20
Methane	2.80	2.51	2.54	89.7	90.7	70.0-130			1.09	20

DRAFT

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Abbreviations and Definitions

SDG	Sample Delivery Group.
MDL	Method Detection Limit.
RDL	Reported Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
U	Not detected at the Reporting Limit (or MDL where applicable).
RPD	Relative Percent Difference.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
Rec.	Recovery.

Qualifier	Description
E	The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL).
Z1	The identification of the analyte is acceptable; the reported value is an estimate.

DRAFT

ACCREDITATIONS & LOCATIONS

ONE LAB. NATIONWIDE.

ESC Lab Sciences is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our "one location" design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be **YOUR LAB OF CHOICE.**

***** Not all certifications held by the laboratory are applicable to the results reported in the attached report.

State Accreditations

Alabama	40660	Nevada	TN-03-2002-34
Alaska	UST-080	New Hampshire	2975
Arizona	AZ0612	New Jersey–NELAP	TN002
Arkansas	88-0469	New Mexico	TN00003
California	01157CA	New York	11742
Colorado	TN00003	North Carolina	Env375
Conneticut	PH-0197	North Carolina [1]	DW21704
Florida	E87487	North Carolina [2]	41
Georgia	NELAP	North Dakota	R-140
Georgia [1]	923	Ohio–VAP	CL0069
Idaho	TN00003	Oklahoma	9915
Illinois	200008	Oregon	TN200002
Indiana	C-TN-01	Pennsylvania	68-02979
Iowa	364	Rhode Island	221
Kansas	E-10277	South Carolina	84004
Kentucky [1]	90010	South Dakota	n/a
Kentucky [2]	16	Tennessee [1 4]	2006
Louisiana	AI30792	Texas	T 104704245-07-TX
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	6157585858
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	109
Minnesota	047-999-395	Washington	C1915
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA
Nebraska	NE-OS-15-05		

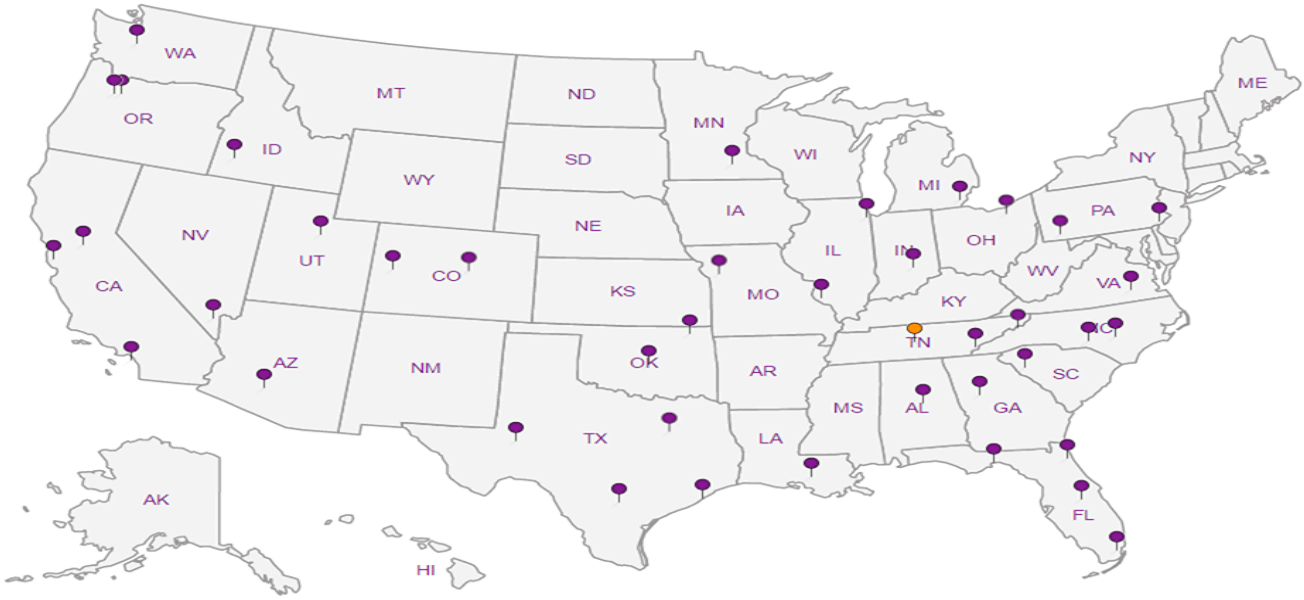
Third Party & Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	S-67674
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [n/a] Accreditation not applicable

Our Locations

ESC Lab Sciences has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. **ESC Lab Sciences performs all testing at our central laboratory.**



DRAFT

AEI Consultants - CA

2500 Camino Diablo
Walnut Creek, CA 94597

Billing Information:
Accounts Payable- Jeremy Smith
2500 Camino Diablo
Walnut Creek, CA 94597

Pres Chk

Report to: Jonathan Sanders

Email To: jsanders@aeiconsultants.com; nbricker@aeiconsultants.com;

Project Description: Zimmerman

City/State Collected:

Phone: 925-746-6028
Fax:

Client Project # 281939

Lab Project # AEICONWCCA-281939

Collected by (print): Nathan Bricker

Site/Facility ID # 3442 ADELINE STREET

P.O. # 133225

Collected by (signature):

Immediately Packed on Ice N X Y ___

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed: Standard TAT

Analysis / Container / Preservative

Chain of Custody Page ___ of ___

ESC LABS
VOUR LAB OF CHOICE
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# 1917000

M109

Acctnum: AEICONWCCA
Template: T124790
Prelogin: P606231
TSR: 110 - Brian Ford
PB:
Shipped Via:

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	BTEXM,GRO Summa	Helium Summa	O2,CO2,CH4 Summa	Remarks	Sample # (lab only)
~~VB-6~~ VB-7	Grab	Air	5.0	6/15/17	1218	1	X	X	X		-01
~~VB-8~~ VB-22		Air			1308						02
~~VB~~ VB-9		Air			1353						03
VB-21		Air			1508						04
VB-10		Air			1553						05
VB-20		Air			1625						06
VB-12		Air			1357						07
VB-18		Air			1405						08
VB-14		Air			1448						09
VB-17		Air			1527						10

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks: (16)1Liter summas, (16) cali manifolds, (16)3ft sections of tubing with fittings on one end, (16)3ft sections of tubing with fittings on both ends, (4)6Liter summas

pH _____ Temp _____
Flow _____ Other _____

Samples returned via: __ UPS __ FedEx __ Courier __ _____

Tracking # TRK# 7283 8328 0076-0102-0098-0087

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Trip Blank Received: Yes / No HCL / MeoH TBR
	6/15/17	1300		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received: Amb 10 summas
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 6-19-17 Time: 9:40

If preservation required by Login: Date/Time

Hold:

Conditions: NCF / OK

ANALYTICAL REPORT

June 28, 2017

AEI Consultants - CA

Sample Delivery Group:	L917485
Samples Received:	06/21/2017
Project Number:	281939
Description:	Zimmerman
Site:	3442 ADELINE STREET
Report To:	Jonathan Sanders 2500 Camino Diablo Walnut Creek, CA 94597

DRAFT

Entire Report Reviewed By:

Jason Romer
Technical Service Representative

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

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DRAFT

VB-16 L917485-01 Air

Collected by: Nathan Bricker | Collected date/time: 06/19/17 11:52 | Received date/time: 06/21/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC) by Method ASTM 1946	WG991769	1	06/22/17 10:16	06/22/17 10:16	AMC
Volatile Organic Compounds (MS) by Method TO-15	WG991950	2	06/23/17 01:18	06/23/17 01:18	DWR
Organic Compounds (GC) by Method D1946	WG992738	1	06/25/17 10:41	06/25/17 10:41	AMC

VB-19 L917485-02 Air

Collected by: Nathan Bricker | Collected date/time: 06/19/17 12:37 | Received date/time: 06/21/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC) by Method ASTM 1946	WG991769	1	06/22/17 10:34	06/22/17 10:34	AMC
Volatile Organic Compounds (MS) by Method TO-15	WG991950	2	06/23/17 02:02	06/23/17 02:02	DWR
Organic Compounds (GC) by Method D1946	WG992738	1	06/25/17 10:55	06/25/17 10:55	AMC

VB-05 L917485-03 Air

Collected by: Nathan Bricker | Collected date/time: 06/19/17 13:36 | Received date/time: 06/21/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC) by Method ASTM 1946	WG991769	1	06/22/17 10:47	06/22/17 10:47	AMC
Volatile Organic Compounds (MS) by Method TO-15	WG991950	2	06/23/17 02:47	06/23/17 02:47	DWR
Organic Compounds (GC) by Method D1946	WG992738	1	06/25/17 11:14	06/25/17 11:14	AMC

DRAFT

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. All MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Jason Romer
Technical Service Representative

DRAFT

Volatile Organic Compounds (GC) by Method ASTM 1946

Analyte	CAS #	Mol. Wt.	RDL ppb	Result ppb	Qualifier	Dilution	Batch
Helium	7440-59-7		100000	ND		1	WG991769

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
TPH (GC/MS) Low Fraction	8006-61-9	101	100	413	564	2330		2	WG991950
Benzene	71-43-2	78.10	0.400	1.28	0.515	1.64		2	WG991950
Ethylbenzene	100-41-4	106	0.400	1.73	ND	ND		2	WG991950
MTBE	1634-04-4	88.10	0.400	1.44	ND	ND		2	WG991950
Toluene	108-88-3	92.10	0.400	1.51	1.30	4.91		2	WG991950
m&p-Xylene	1330-20-7	106	0.800	3.47	1.15	4.98		2	WG991950
o-Xylene	95-47-6	106	0.400	1.73	0.648	2.81		2	WG991950
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*96.1*				WG991950

Organic Compounds (GC) by Method D1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Oxygen	7782-44-7	32	2.00	14.1		1	WG992738
Carbon Dioxide	124-38-9	44.01	0.500	ND		1	WG992738
Methane	74-82-8	16	0.400	ND		1	WG992738

DRAFT

Volatile Organic Compounds (GC) by Method ASTM 1946

Analyte	CAS #	Mol. Wt.	RDL ppb	Result ppb	Qualifier	Dilution	Batch
Helium	7440-59-7		100000	ND		1	WG991769

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
TPH (GC/MS) Low Fraction	8006-61-9	101	100	413	585	2420		2	WG991950
Benzene	71-43-2	78.10	0.400	1.28	0.778	2.49		2	WG991950
Ethylbenzene	100-41-4	106	0.400	1.73	1.34	5.82		2	WG991950
MTBE	1634-04-4	88.10	0.400	1.44	ND	ND		2	WG991950
Toluene	108-88-3	92.10	0.400	1.51	7.82	29.4		2	WG991950
m&p-Xylene	1330-20-7	106	0.800	3.47	8.51	36.9		2	WG991950
o-Xylene	95-47-6	106	0.400	1.73	2.69	11.7		2	WG991950
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*97.8*				WG991950

Organic Compounds (GC) by Method D1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Oxygen	7782-44-7	32	2.00	13.6		1	WG992738
Carbon Dioxide	124-38-9	44.01	0.500	1.04		1	WG992738
Methane	74-82-8	16	0.400	ND		1	WG992738

DRAFT

Volatile Organic Compounds (GC) by Method ASTM 1946

Analyte	CAS #	Mol. Wt.	RDL ppb	Result ppb	Qualifier	Dilution	Batch
Helium	7440-59-7		100000	ND		1	WG991769

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
TPH (GC/MS) Low Fraction	8006-61-9	101	100	413	3950	16300		2	WG991950
Benzene	71-43-2	78.10	0.400	1.28	3.01	9.61		2	WG991950
Ethylbenzene	100-41-4	106	0.400	1.73	5.43	23.6		2	WG991950
MTBE	1634-04-4	88.10	0.400	1.44	ND	ND		2	WG991950
Toluene	108-88-3	92.10	0.400	1.51	6.85	25.8		2	WG991950
m&p-Xylene	1330-20-7	106	0.800	3.47	19.2	83.2		2	WG991950
o-Xylene	95-47-6	106	0.400	1.73	9.51	41.2		2	WG991950
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*106*				WG991950

Organic Compounds (GC) by Method D1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Oxygen	7782-44-7	32	2.00	10.7		1	WG992738
Carbon Dioxide	124-38-9	44.01	0.500	2.87		1	WG992738
Methane	74-82-8	16	0.400	ND		1	WG992738

DRAFT

Method Blank (MB)

(MB) R3227939-3 06/22/17 09:32

Analyte	MB Result ppb	MB Qualifier	MB MDL ppb	MB RDL ppb
Helium	U		30000	100000

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3227939-1 06/22/17 08:35 • (LCSD) R3227939-2 06/22/17 09:19

Analyte	Spike Amount ppb	LCS Result ppb	LCSD Result ppb	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Helium	500000	508000	460000	102	92.0	70.0-130			9.92	25

DRAFT

Method Blank (MB)

(MB) R3228182-3 06/22/17 10:58

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Benzene	U		0.0460	0.200
Ethylbenzene	U		0.0506	0.200
MTBE	U		0.0505	0.200
Toluene	U		0.0499	0.200
m&p-Xylene	U		0.0946	0.400
o-Xylene	U		0.0633	0.200
TPH (GC/MS) Low Fraction	U		6.91	50.0
(S) 1,4-Bromofluorobenzene	*96.8*			*60.0-140*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3228182-1 06/22/17 09:28 • (LCSD) R3228182-2 06/22/17 10:12

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
MTBE	3.75	4.07	4.21	109	112	70.0-130			3.37	25
Benzene	3.75	4.27	4.28	114	114	70.0-130			0.200	25
Toluene	3.75	4.25	4.34	113	116	70.0-130			2.27	25
Ethylbenzene	3.75	4.35	4.32	116	115	70.0-130			0.830	25
m&p-Xylene	7.50	8.82	8.67	118	116	70.0-130			1.71	25
o-Xylene	3.75	4.31	4.22	115	112	70.0-130			2.09	25
TPH (GC/MS) Low Fraction	176	204	202	116	115	70.0-130			0.710	25
(S) 1,4-Bromofluorobenzene				*101*	*97.8*	*60.0-140*				

DRAFT

Method Blank (MB)

(MB) R3228524-3 06/25/17 10:28

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Oxygen	U		0.225	2.00
Carbon Dioxide	U		0.121	0.500
Methane	U		0.0584	0.400

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3228524-1 06/25/17 09:24 • (LCSD) R3228524-2 06/25/17 09:59

Analyte	Spike Amount %	LCS Result %	LCSD Result %	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Oxygen	3.50	3.42	3.57	97.6	102	70.0-130			4.29	20
Carbon Dioxide	3.50	3.08	3.31	88.1	94.5	70.0-130			7.03	20
Methane	2.80	2.43	2.55	86.9	91.2	70.0-130			4.75	20

DRAFT

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Abbreviations and Definitions

SDG	Sample Delivery Group.
MDL	Method Detection Limit.
RDL	Reported Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
U	Not detected at the Reporting Limit (or MDL where applicable).
RPD	Relative Percent Difference.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
Rec.	Recovery.

Qualifier	Description
	The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

DRAFT

ACCREDITATIONS & LOCATIONS

ONE LAB. NATIONWIDE.

ESC Lab Sciences is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our "one location" design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be **YOUR LAB OF CHOICE.**

***** Not all certifications held by the laboratory are applicable to the results reported in the attached report.

State Accreditations

Alabama	40660	Nevada	TN-03-2002-34
Alaska	UST-080	New Hampshire	2975
Arizona	AZ0612	New Jersey–NELAP	TN002
Arkansas	88-0469	New Mexico	TN00003
California	01157CA	New York	11742
Colorado	TN00003	North Carolina	Env375
Conneticut	PH-0197	North Carolina [1]	DW21704
Florida	E87487	North Carolina [2]	41
Georgia	NELAP	North Dakota	R-140
Georgia [1]	923	Ohio–VAP	CL0069
Idaho	TN00003	Oklahoma	9915
Illinois	200008	Oregon	TN200002
Indiana	C-TN-01	Pennsylvania	68-02979
Iowa	364	Rhode Island	221
Kansas	E-10277	South Carolina	84004
Kentucky [1]	90010	South Dakota	n/a
Kentucky [2]	16	Tennessee [1 4]	2006
Louisiana	AI30792	Texas	T 104704245-07-TX
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	6157585858
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	109
Minnesota	047-999-395	Washington	C1915
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA
Nebraska	NE-OS-15-05		

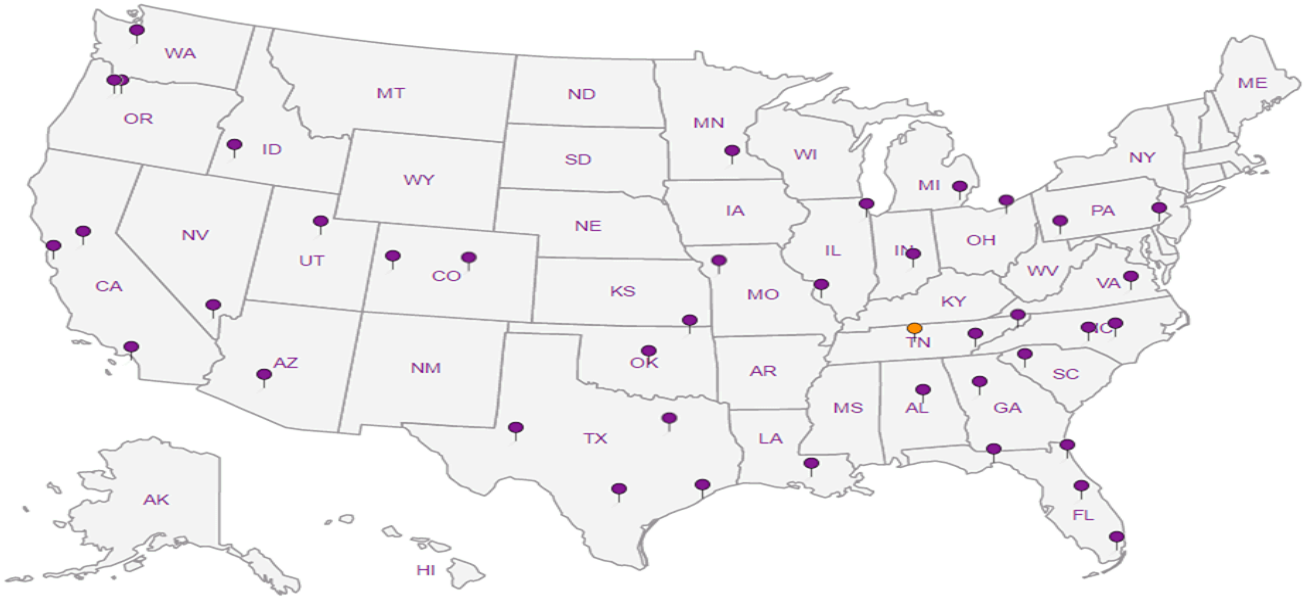
Third Party & Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	S-67674
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [n/a] Accreditation not applicable

Our Locations

ESC Lab Sciences has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. **ESC Lab Sciences performs all testing at our central laboratory.**



DRAFT

AEI Consultants - CA

2500 Camino Diablo
Walnut Creek, CA 94597

Billing Information:
Accounts Payable- Jeremy Smith
2500 Camino Diablo
Walnut Creek, CA 94597

Pres Chk

Report to: Jonathan Sanders

Email To: jsanders@aeiconsultants.com; nbricker@aeiconsultants.com;

Project Description: Zimmerman

City/State Collected: Oakland, CA

Phone: 925-746-6028
Fax:

Client Project # 281939

Lab Project # AEICONWCCA-281939

Collected by (print): Nathan Bricker

Site/Facility ID # 3442 ADELINE STREET

P.O. # 133225

Collected by (signature):

Immediately Packed on Ice N X Y ___

Rush? (Lab MUST Be Notified)
___ Same Day ___ Five Day
___ Next Day ___ 5 Day (Rad Only)
___ Two Day ___ 10 Day (Rad Only)
___ Three Day

Quote #

Date Results Needed: Standard TAT

Analysis / Container / Preservative

Sample ID	Comp/Grab	Matrix *	Depth	Date	Time	No. of Cntrs	BTEXM,GRO Summa	Helium Summa	O2,CO2,CH4 Summa	Remarks	Sample # (lab only)
VB-16	Grab	Air	5.0	6/19/17	1152	1	X	X	X		01
VB-19	↓	Air	↓	↓	1237	↓	X	X	X		02
VB-05	↓	Air	↓	↓	1336	↓	X	X	X		03
		Air									
		Air									
		Air									

Chain of Custody Page 1 of 1

ESC LAB SCIENCES
YOUR LAB OF CHOICE
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# 917485

Table M127

Acctnum: AEICONWCCA

Template: T124790

Prelogin: P606231

TSR: 110 - Brian Ford

PB:

Shipped Via:

* Matrix:
SS - Soil AIR - Air F - Filter
GW - Groundwater B - Bioassay
WW - WasteWater
DW - Drinking Water
OT - Other_____

Remarks: (16)1Liter summas, (16) cali manifolds, (16)3ft sections of tubing with fittings on one end, (16)3ft sections of tubing with fittings on both ends, (4)6Liter summas

pH _____ Temp _____
Flow _____ Other _____

Samples returned via:
__ UPS __ FedEx __ Courier __ _____

Tracking #

Sample Receipt Checklist
COC Seal Present/Intact: NP Y N
COC Signed/Accurate: Y N
Bottles arrive intact: Y N
Correct bottles used: Y N
Sufficient volume sent: Y N
If Applicable
VOA Zero Headspace: Y N
Preservation Correct/Checked: Y N

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
	6/19/17	1745	
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)

Trip Blank Received: Yes / No
HCL / MeoH
TBR

Temp: Amb °C Bottles Received: 3 samples 1 unused

If preservation required by Login: Date/Time

Hold:

Date: 6/21/17 Time: 0845

Condition: NCF / OK

DRAFT

ANALYTICAL REPORT

July 03, 2017

AEI Consultants - CA

Sample Delivery Group:	L918483
Samples Received:	06/24/2017
Project Number:	281939
Description:	Zimmerman
Site:	3442 ADELINE STREET
Report To:	Jonathan Sanders 2500 Camino Diablo Walnut Creek, CA 94597

DRAFT

Entire Report Reviewed By: Brian Ford

Brian Ford
Technical Service Representative

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

TABLE OF CONTENTS

Cp: Cover Page	1
Tc: Table of Contents	2
Ss: Sample Summary	3
Cn: Case Narrative	4
Sr: Sample Results	5
VB-4 L918483-01	5
Qc: Quality Control Summary	6
Volatile Organic Compounds (MS) by Method TO-15	6
Organic Compounds (GC) by Method D1946	8
Gl: Glossary of Terms	9
Al: Accreditations & Locations	10
Sc: Chain of Custody	11

DRAFT

VB-4 L918483-01 Air

Collected by	Collected date/time	Received date/time
Nathan Bricker	06/22/17 14:33	06/24/17 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (MS) by Method TO-15	WG992927	80	06/26/17 14:28	06/26/17 14:28	GLN
Volatile Organic Compounds (MS) by Method TO-15	WG993324	2000	06/27/17 23:21	06/27/17 23:21	GLN
Organic Compounds (GC) by Method D1946	WG992738	1	06/25/17 11:29	06/25/17 11:29	AMC

DRAFT

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times. All MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Brian Ford

Brian Ford
Technical Service Representative

DRAFT

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
Benzene	71-43-2	78.10	16.0	51.1	ND	ND		80	WG992927
Ethylbenzene	100-41-4	106	16.0	69.4	ND	ND		80	WG992927
Toluene	108-88-3	92.10	16.0	60.3	ND	ND		80	WG992927
m&p-Xylene	1330-20-7	106	32.0	139	ND	ND		80	WG992927
o-Xylene	95-47-6	106	16.0	69.4	ND	ND		80	WG992927
TPH (GC/MS) Low Fraction	8006-61-9	101	100000	413000	4300000	17700000		2000	WG993324
1,1-Difluoroethane	75-37-6	66.05	16.0	43.2	ND	ND		80	WG992927
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*93.8*				WG993324
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*100*				WG992927

Sample Narrative:

TO-15 L918483-01 WG992927: Cannot be evaluated at a lower dilution due to non-target matrix interference.

Organic Compounds (GC) by Method D1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Oxygen	7782-44-7	32	2.00	5.24		1	WG992738
Carbon Dioxide	124-38-9	44.01	0.500	4.22		1	WG992738
Methane	74-82-8	16	0.400	2.37		1	WG992738

DRAFT

Method Blank (MB)

(MB) R3228935-3 06/26/17 10:45

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Benzene	U		0.0460	0.200
Ethylbenzene	U		0.0506	0.200
Toluene	U		0.0499	0.200
m&p-Xylene	U		0.0946	0.400
o-Xylene	U		0.0633	0.200
1,1-Difluoroethane	U		0.0256	0.200
(S) 1,4-Bromofluorobenzene	*86.0*			*60.0-140*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3228935-1 06/26/17 09:07 • (LCSD) R3228935-2 06/26/17 09:55

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Benzene	3.75	3.95	4.01	105	107	70.0-130			1.74	25
Toluene	3.75	4.02	4.08	107	109	70.0-130			1.30	25
Ethylbenzene	3.75	3.97	4.00	106	107	70.0-130			0.710	25
m&p-Xylene	7.50	7.62	7.61	102	102	70.0-130			0.0600	25
o-Xylene	3.75	3.81	3.87	102	103	70.0-130			1.45	25
1,1-Difluoroethane	3.75	3.50	3.47	93.5	92.6	70.0-130			0.930	25
(S) 1,4-Bromofluorobenzene				*93.2*	*90.4*	*60.0-140*				

DRAFT

Method Blank (MB)

(MB) R3229348-3 06/27/17 09:50

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
TPH (GC/MS) Low Fraction	U		6.91	50.0
(S) 1,4-Bromofluorobenzene	*97.1*			*60.0-140*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3229348-1 06/27/17 10:32 • (LCSD) R3229348-2 06/27/17 11:14

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/MS) Low Fraction	176	187	189	106	107	70.0-130			0.920	25
(S) 1,4-Bromofluorobenzene				*100*	*101*	*60.0-140*				

DRAFT

Method Blank (MB)

(MB) R3228524-3 06/25/17 10:28

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Oxygen	U		0.225	2.00
Carbon Dioxide	U		0.121	0.500
Methane	U		0.0584	0.400

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3228524-1 06/25/17 09:24 • (LCSD) R3228524-2 06/25/17 09:59

Analyte	Spike Amount %	LCS Result %	LCSD Result %	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Oxygen	3.50	3.42	3.57	97.6	102	70.0-130			4.29	20
Carbon Dioxide	3.50	3.08	3.31	88.1	94.5	70.0-130			7.03	20
Methane	2.80	2.43	2.55	86.9	91.2	70.0-130			4.75	20

DRAFT

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Abbreviations and Definitions

SDG	Sample Delivery Group.
MDL	Method Detection Limit.
RDL	Reported Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
U	Not detected at the Reporting Limit (or MDL where applicable).
RPD	Relative Percent Difference.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
Rec.	Recovery.

Qualifier	Description
	The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

DRAFT

ACCREDITATIONS & LOCATIONS

ONE LAB. NATIONWIDE.

ESC Lab Sciences is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our "one location" design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be **YOUR LAB OF CHOICE.**

***** Not all certifications held by the laboratory are applicable to the results reported in the attached report.

State Accreditations

Alabama	40660	Nevada	TN-03-2002-34
Alaska	UST-080	New Hampshire	2975
Arizona	AZ0612	New Jersey–NELAP	TN002
Arkansas	88-0469	New Mexico	TN00003
California	01157CA	New York	11742
Colorado	TN00003	North Carolina	Env375
Conneticut	PH-0197	North Carolina [1]	DW21704
Florida	E87487	North Carolina [2]	41
Georgia	NELAP	North Dakota	R-140
Georgia [1]	923	Ohio–VAP	CL0069
Idaho	TN00003	Oklahoma	9915
Illinois	200008	Oregon	TN200002
Indiana	C-TN-01	Pennsylvania	68-02979
Iowa	364	Rhode Island	221
Kansas	E-10277	South Carolina	84004
Kentucky [1]	90010	South Dakota	n/a
Kentucky [2]	16	Tennessee [1 4]	2006
Louisiana	AI30792	Texas	T 104704245-07-TX
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	6157585858
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	109
Minnesota	047-999-395	Washington	C1915
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA
Nebraska	NE-OS-15-05		

Third Party & Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	S-67674
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold [n/a] Accreditation not applicable

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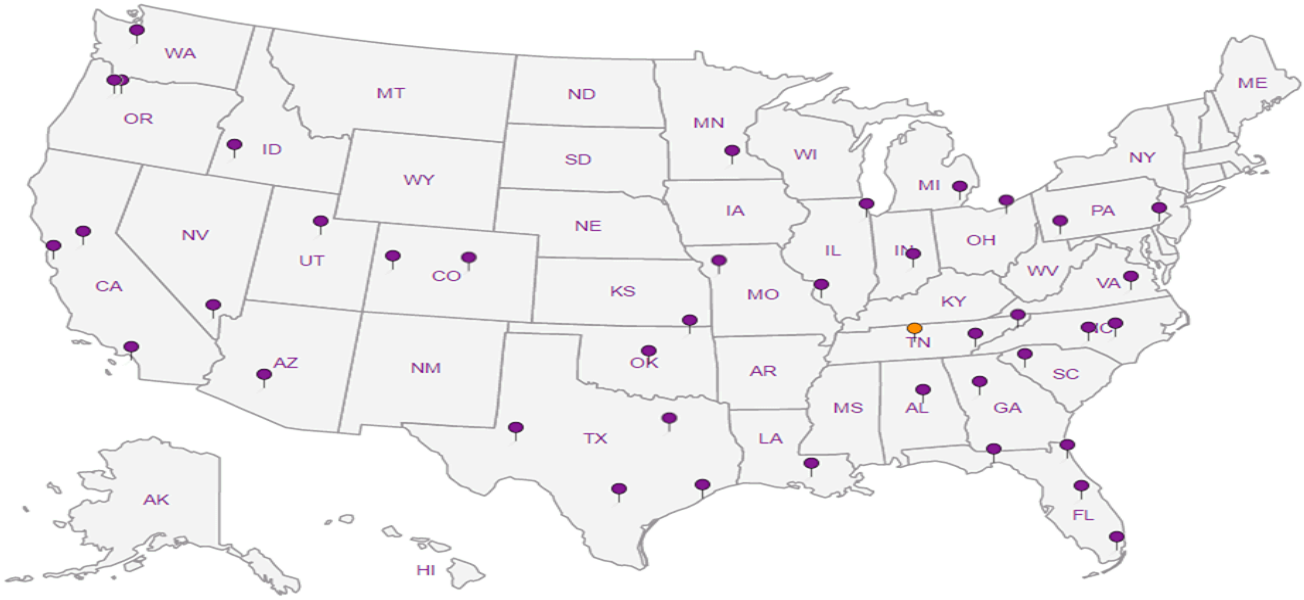


DRAFT

Company Name/Address:
AEI CONSULTANTS - CA
2500 CAMINO DIABLO
WALNUT CREEK, CA 94597

Billing Information:
ACCOUNTS PAYABLE - JEREMY SMITH
2500 CAMINO DIABLO
WALNUT CREEK, CA 94597

Report to: JONATHAN SANDERS

Email To: jsanders@aeiconsultants.com/nbricker@aeiconsult

Project Description: ZIMMERMAN

City/State Collected: OAKLAND, CA

Phone: 925-746-6028
Fax:

Client Project # 281939

Lab Project # AEICONWCCA-281939

Collected by (print): NATHAN BRICKER

Site/Facility ID # 3442 ADELINE STREET

P.O. # 133225

Collected by (signature):

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day 100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed: STANDARD TAT

Email? ___No ✓Yes
FAX? ___No ___Yes

Canister Pressure/Vacuum

Analysis

Chain of Custody Page ___ of ___

ESC LAB SCIENCES
YOUR LAB OF CHOICE
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# 918483
M162

Acctnum:
Template:
Prelogin:
TSR:
PB:
Shipped Via:

Sample ID	Sample Description	Can #	Date	Time	Initial	Final	BTEX, GRO SUMMA	O2, CO2, CH4 SUMMA	1,1-DIFLUORETHANE LEAK CHECK		Rem./Contaminant	Sample # (lab only)
VB-4	SOIL VAPOR	5348	6/22/2017	1433	-30	-5	X	X	X			61

Remarks:

Hold #

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☒ FedEx ☐ Courier ☐ ____
	6/23/17	1700		
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: °C Bottles Received:
				Amb 1
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: Time:
				6-24-17 845

Condition: (lab use only)

COC Seal Intact: ___Y ___N ___NA

pH Checked: NCF:

DRAFT

ESC LAB SCIENCES
Cooler Receipt Form

Client:	AT Kearney	SDG#	9,8483
Cooler Received/Opened On:	6-24-17	Temperature:	Amb
Received By:	Nadiar Yokob		
Signature:	[illegible]		

Receipt Check List	NP	Yes	No
COC Seal Present / Intact?			
COC Signed / Accurate?			
Bottles arrive intact?			
Correct bottles used?			
Sufficient volume sent?			
If Applicable			
VOA Zero headspace?			
Preservation Correct / Checked?			

DRAFT

APPENDIX E

WASTE DISPOSAL RECORDS

DRAFT

ADVANCED ENVIRONMENTAL SERVICES

CALIFORNIA ENVIRONMENTAL SERVICES

13645 Ben Dier Lane
Baker City, OR 97814

415.699.6207
Fax 541.523.1870

Log #: _____

NON-HAZARDOUS WASTE MANIFEST

GENERATOR

Generator Name: Zimmerman Family Trust

Location:

Address:

Address: 3442 Adeline Street
Oakland , CA

Phone #:

Phone No.:

Approval Number	55 Gallon Drum(s) Non-Hazardous	
PHLF14359	2	

Description of Material

Non-Regulated Petroleum
Contaminated Material
Non-DOT/RCRA Regulated

Net Weight (Tons)

I hereby certify that the above named material does not contain free liquids as defined by 40 CFR Part 260.10 or any other applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Signature | Generator Authorized Agenr Name | Date

TRANSPORTER

Transporter Name: Jeff Rhodes

Driver Name: Jeff Rhodes

Address: 401 CHANNEL ST
BENICIA, CA

Vehicle License No./State:

Truck Number: 001

I hereby certify that the above named material was picked up at the generator site listed above and was delivered without incident to the destination listed below.

Driver Signature | Print Driver Name: Jeff Rhodes | Date: NOV 17 2016

DESTINATION

Facility Name: Potrero Landfill

Phone: 707.429.9600

Address: 3675 Potrero Hills Lane, Suisun City, CA

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

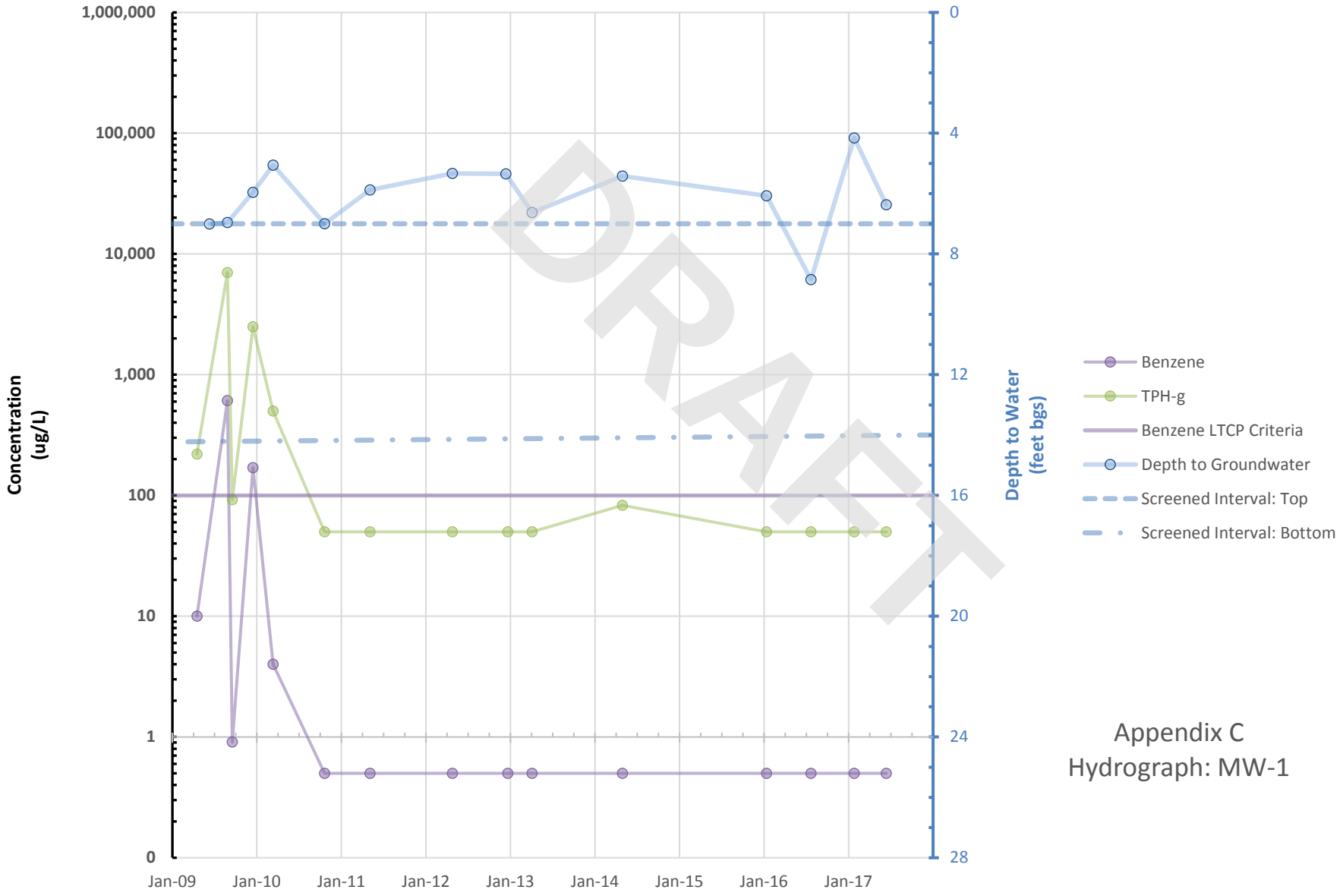
Signature | Authorized Agent Name | Receipt Date

DRAFT

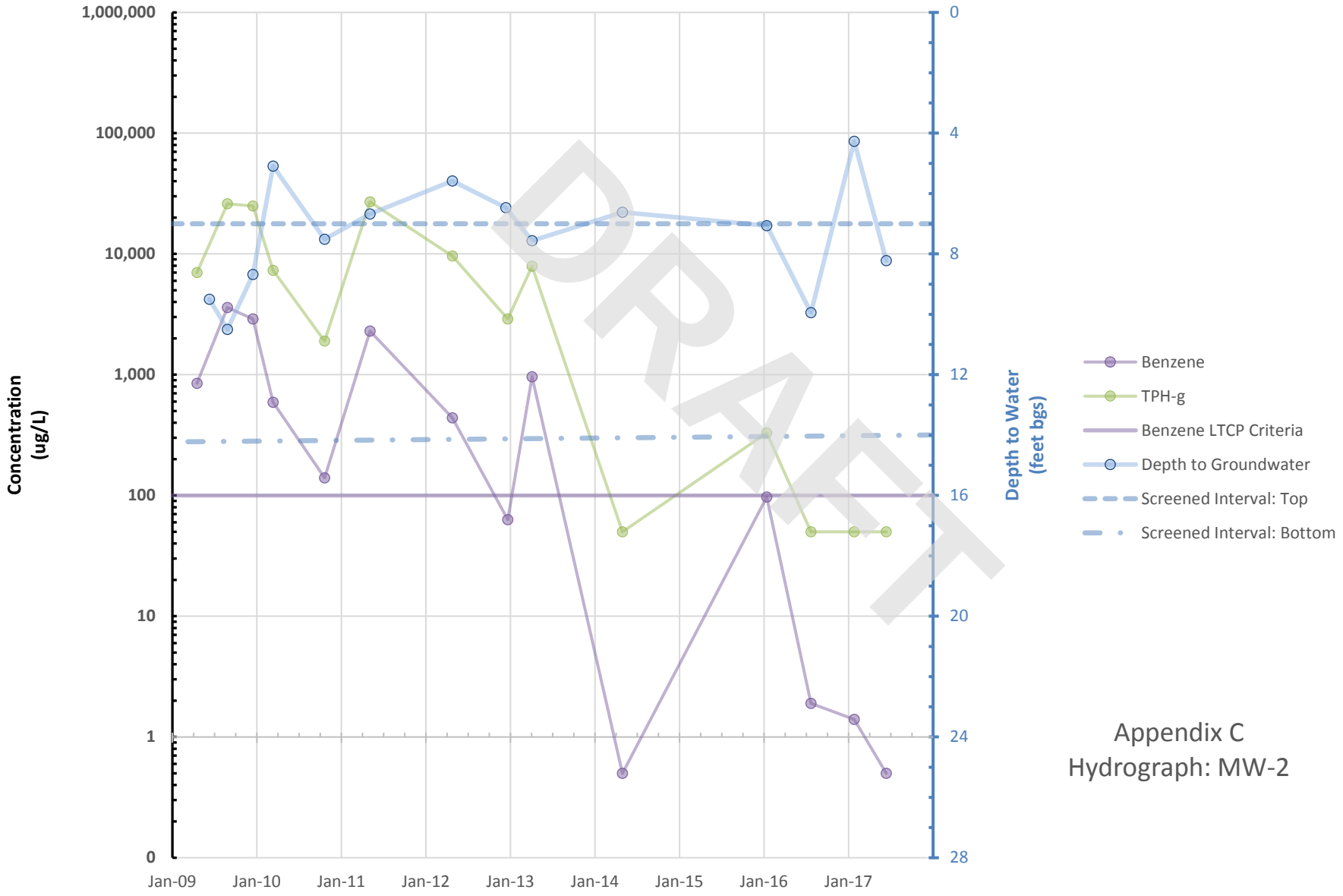
APPENDIX F

HYDROGRAPHS

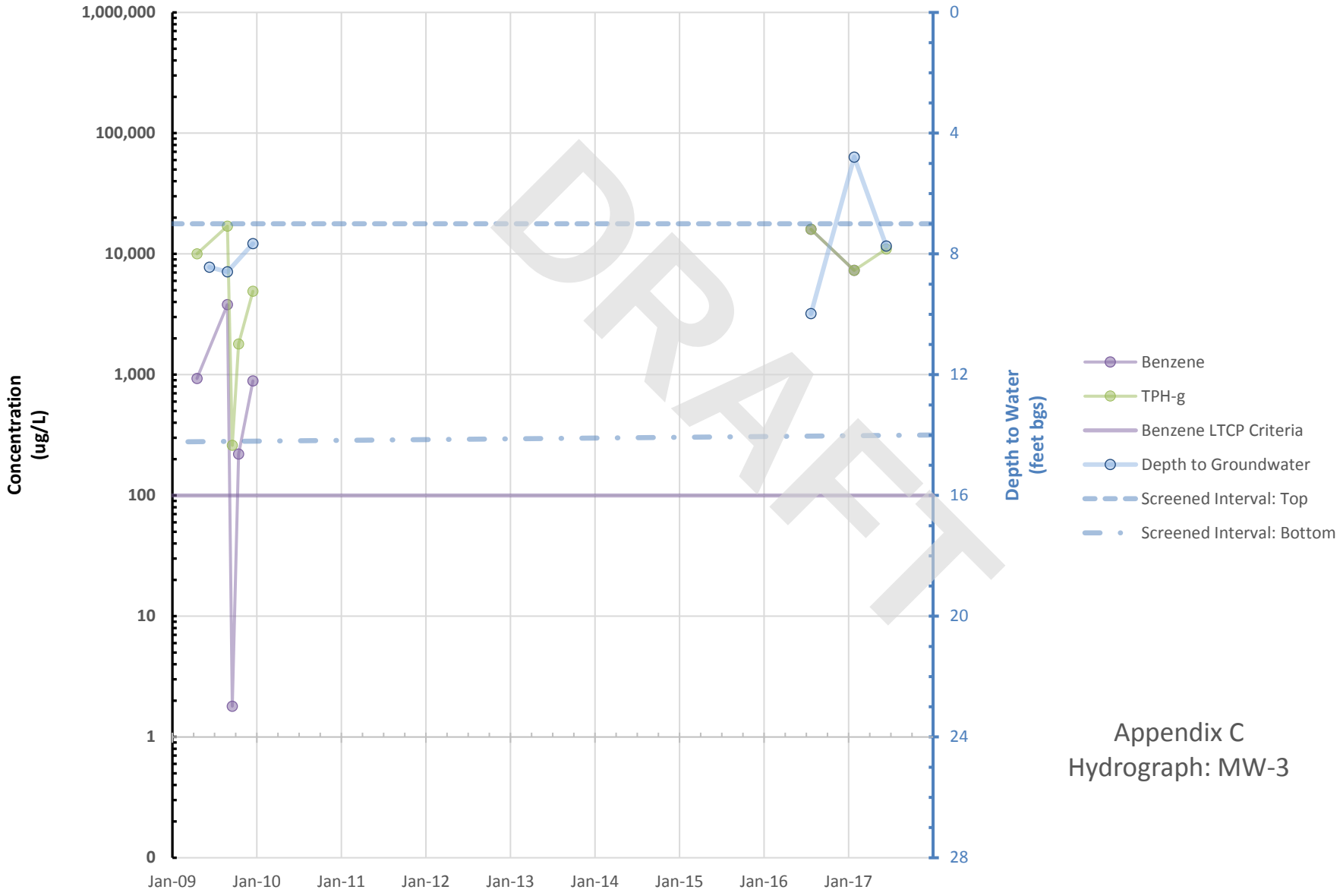
DRAFT



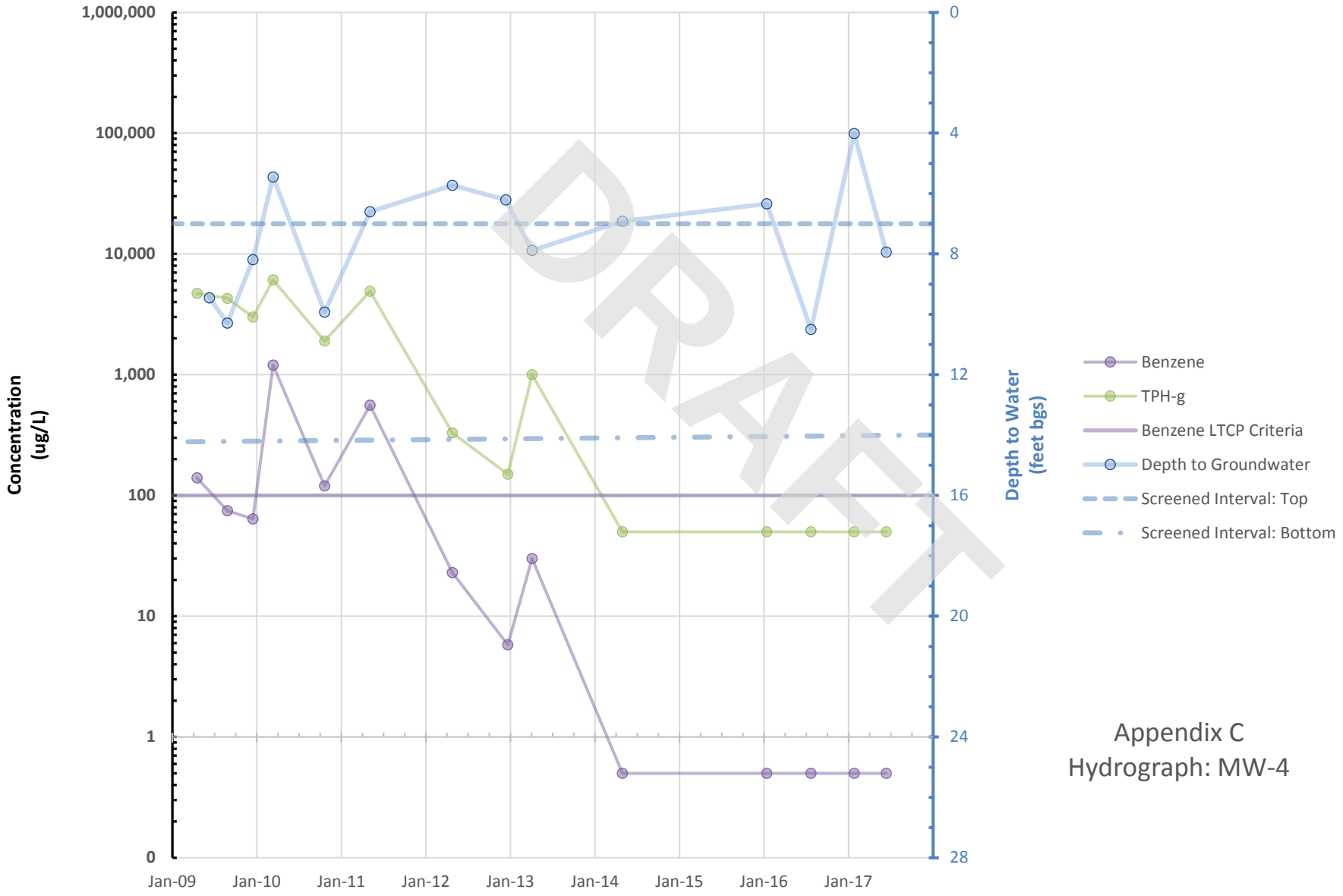
Appendix C
Hydrograph: MW-1



Appendix C
Hydrograph: MW-2



Appendix C
Hydrograph: MW-3



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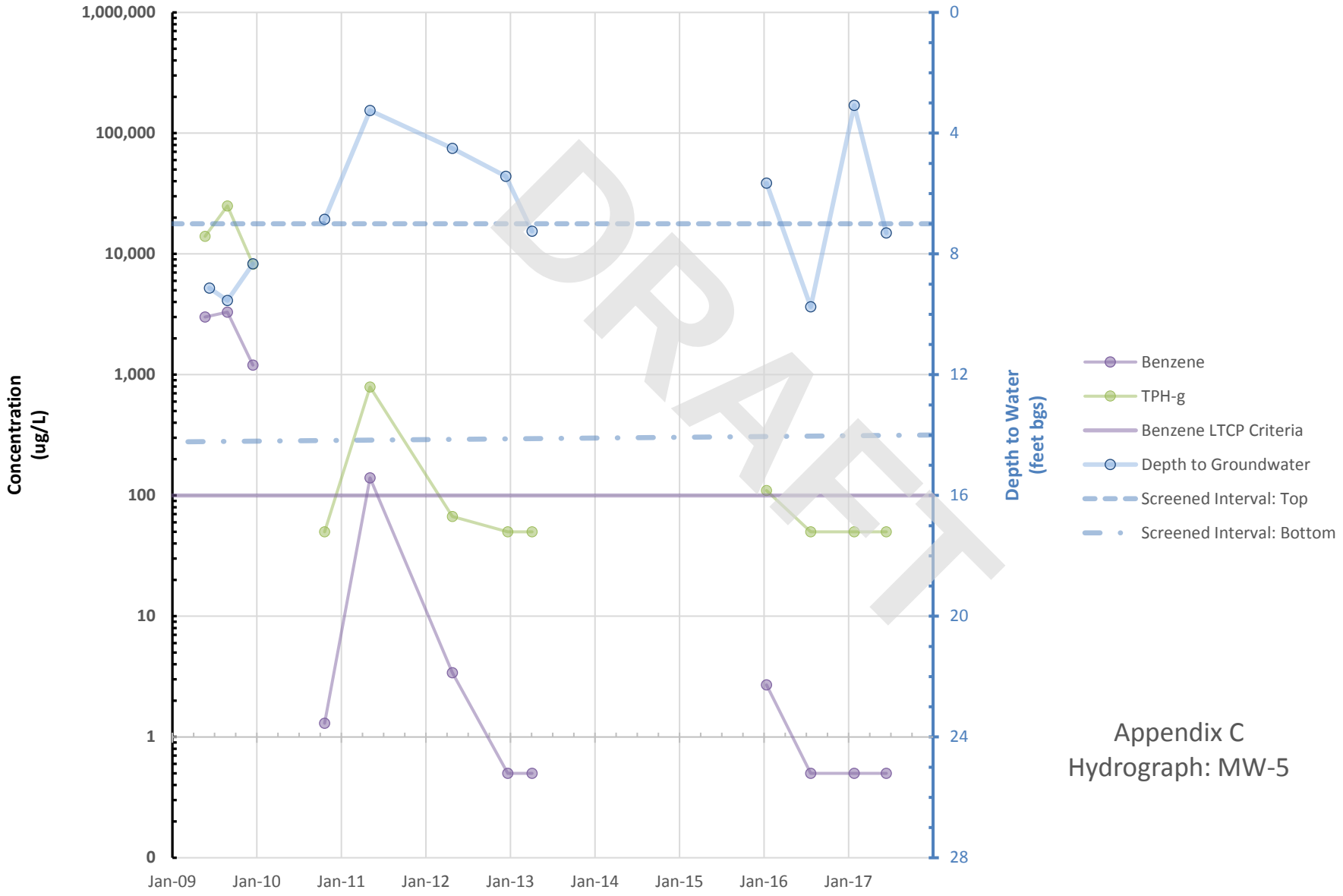
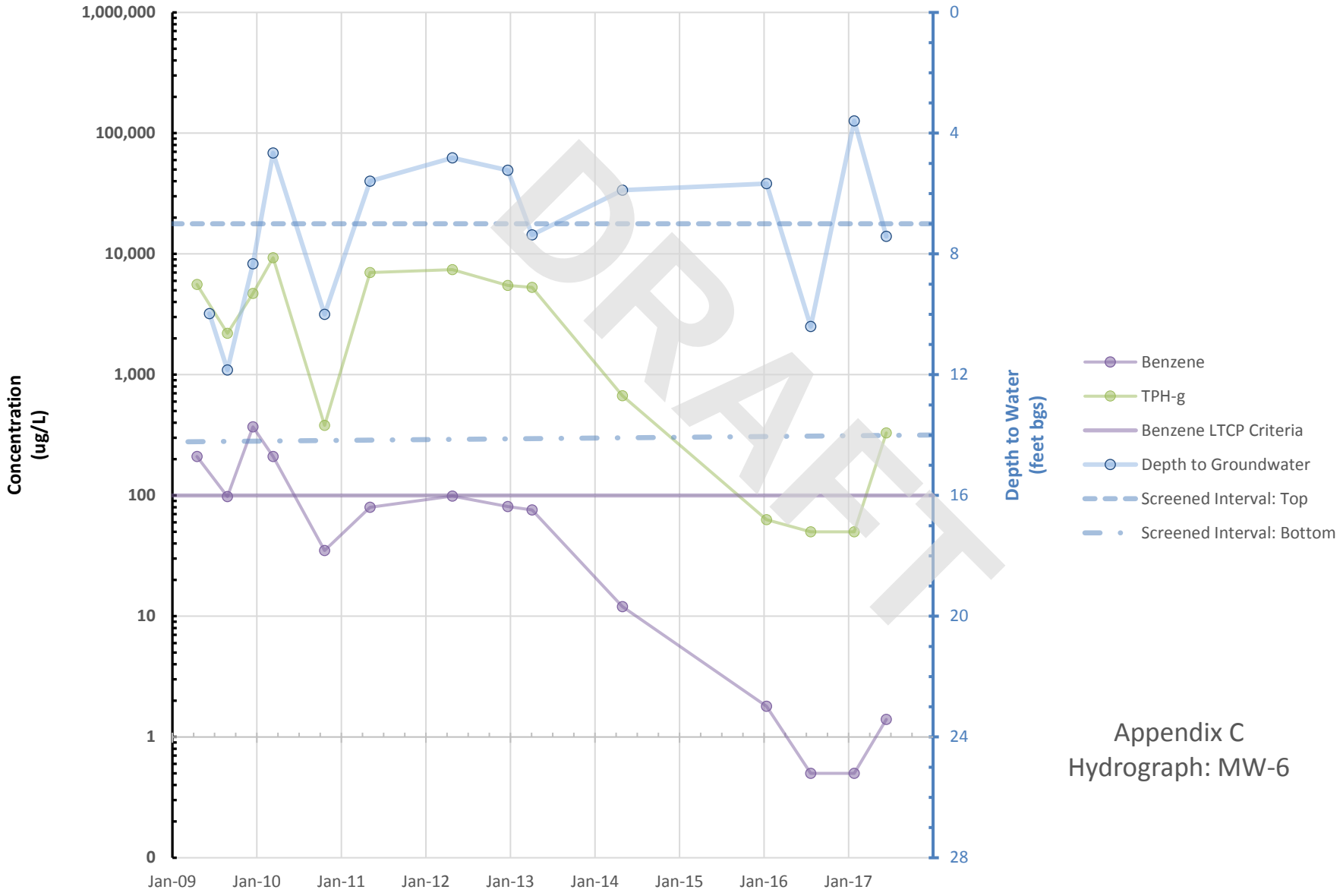
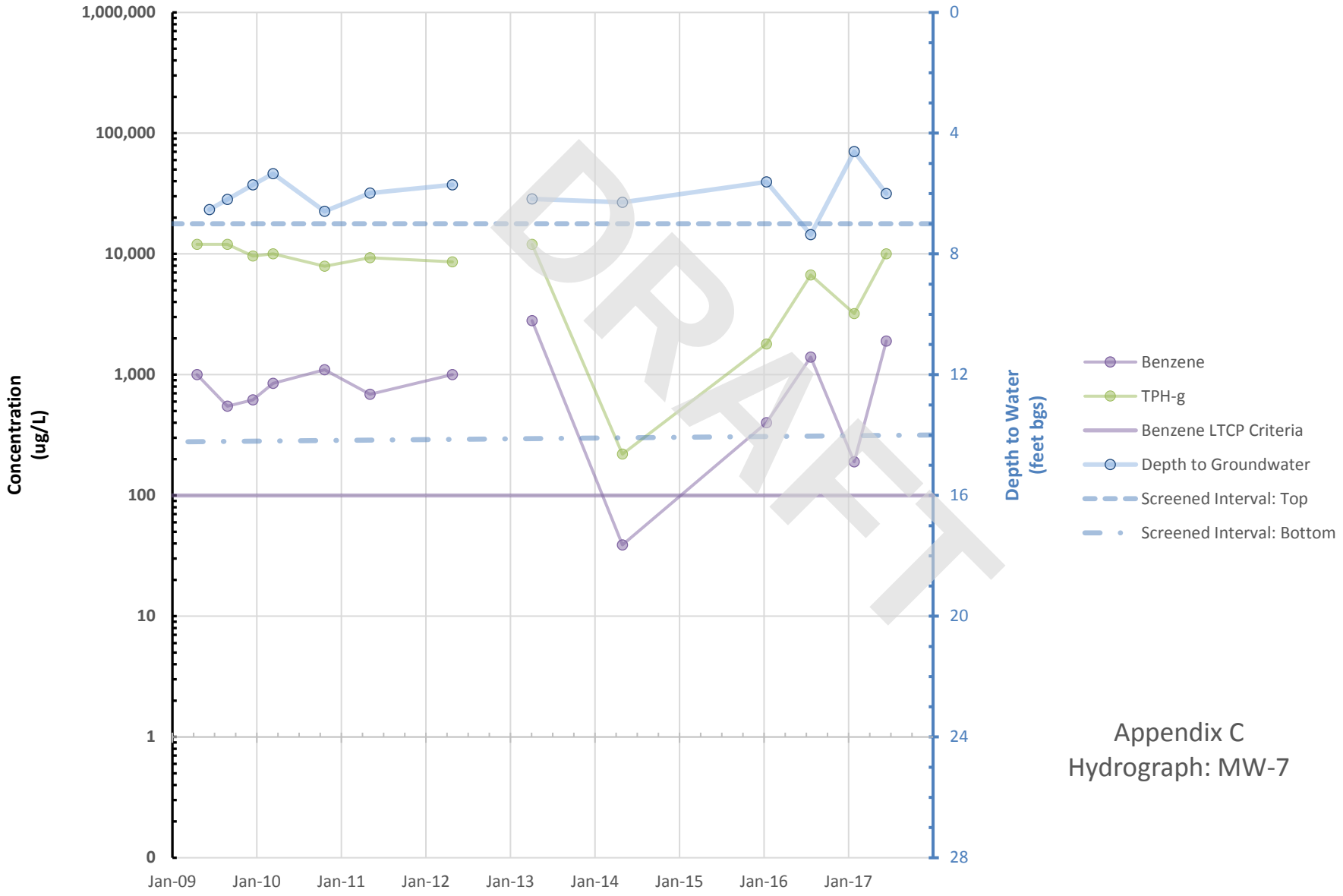
Hydrograph: MW-4



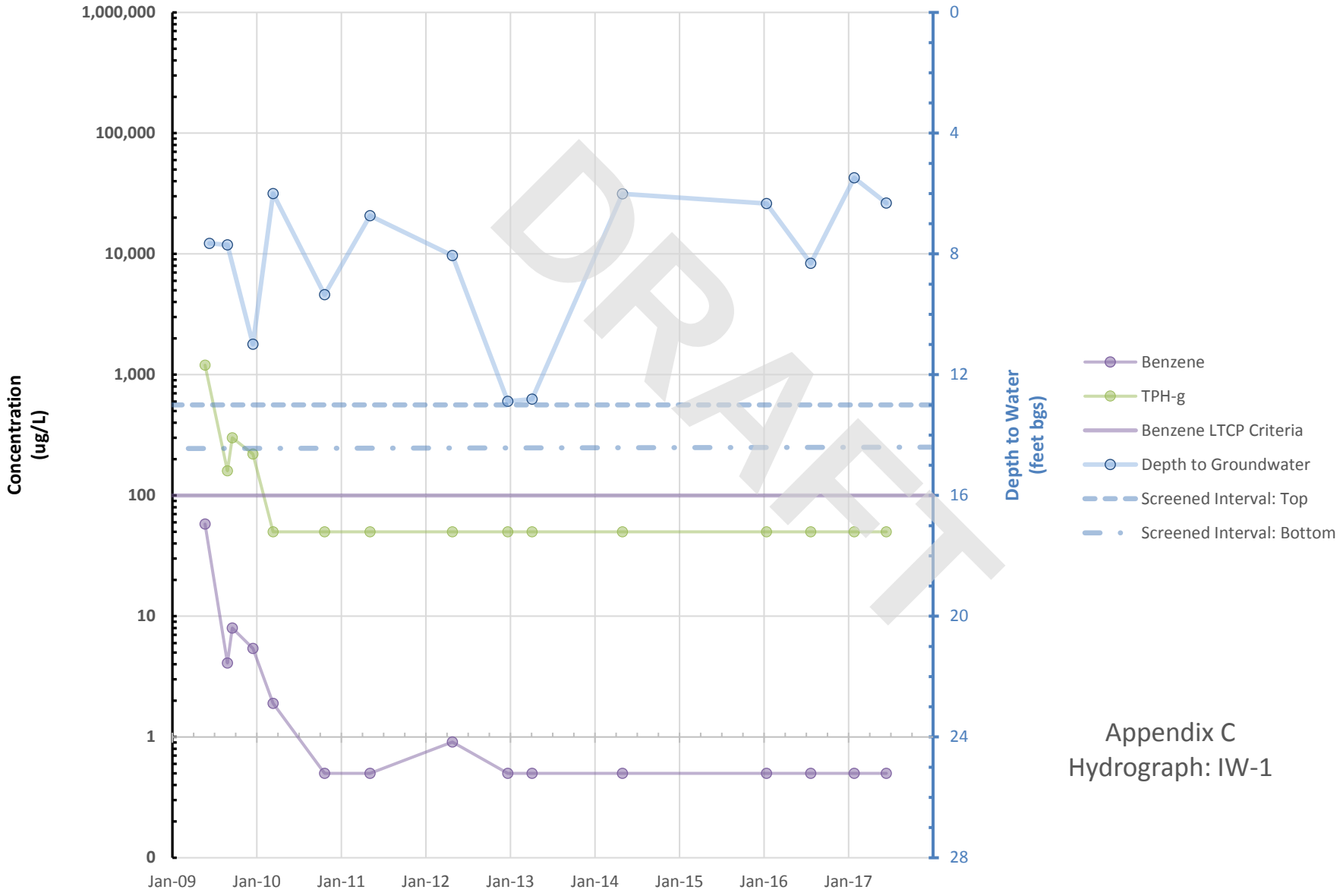
Appendix C
Hydrograph: MW-5



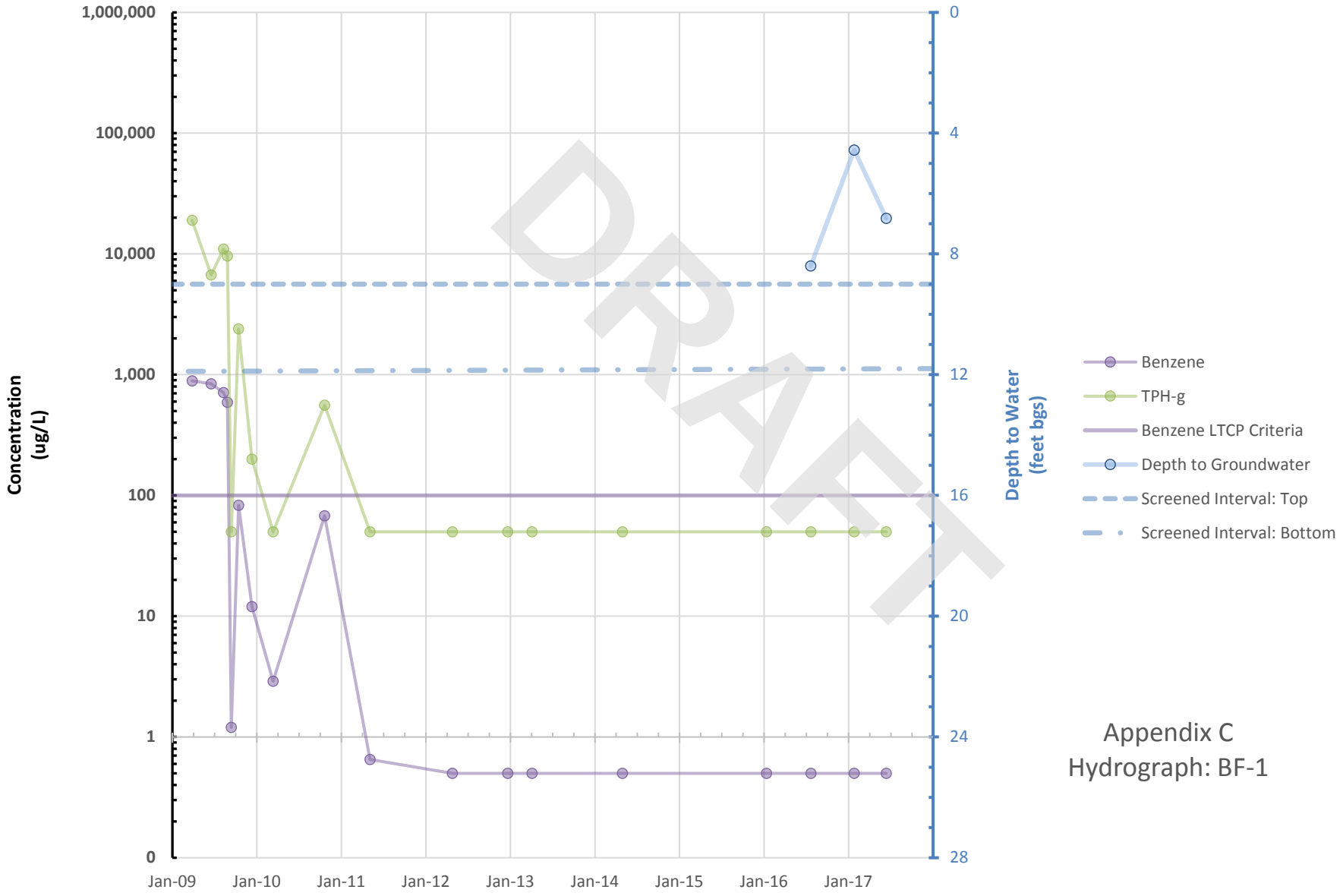
Appendix C
Hydrograph: MW-6



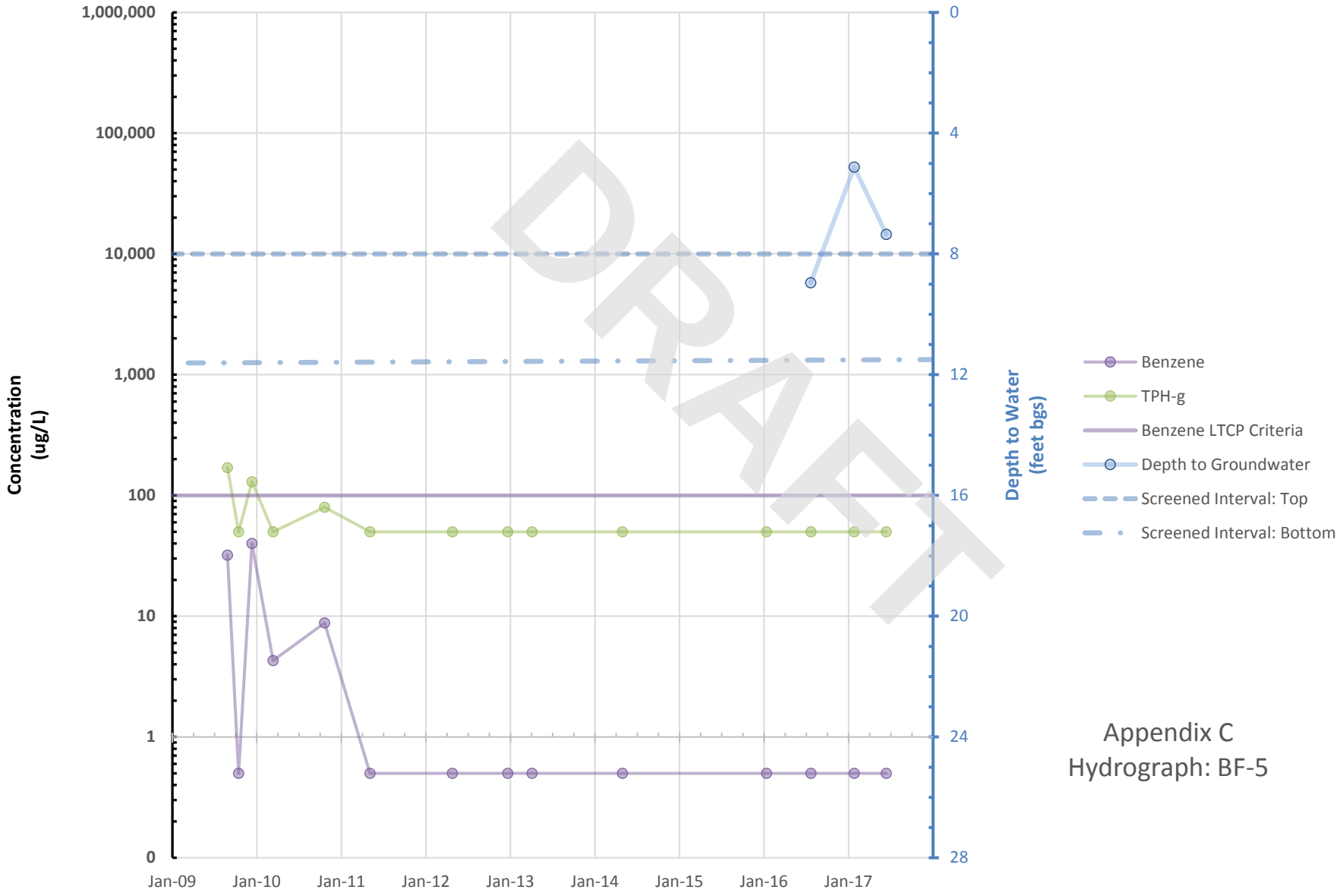
Appendix C
Hydrograph: MW-7



Appendix C
Hydrograph: IW-1



Appendix C
Hydrograph: BF-1



Appendix C
Hydrograph: BF-5

AEI Consultants
Environmental & Engineering Services

March 26, 2018

SEMI ANNUAL GROUNDWATER MONITORING REPORT, FIRST SEMESTER 2018

DRAFT

Property Identification:
Zimmerman Property
3442 Adeline Street
Oakland, California

AEI Project No. 281939
ACDEH Site No RO0002936
Global ID T0600183099

Prepared for:
Steffi R. Zimmerman Trust
c/o Mr. Bill Mouat
3289 Lomas Verdes Place
Lafayette, California

Prepared by:
AEI Consultants
3880 S Bascom Ave, Suite 109
San Jose, California 95124
(408) 559-7600

Environmental & Engineering Due Diligence

Site Investigation & Remediation

Energy Performance & Benchmarking

Industrial Hygiene

Construction Consulting

Construction, Site Stabilization & Stormwater Services

Zoning Analysis Reports & ALTA Surveys

National Presence
Regional Focus
Local Solutions

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March 26, 2018

Ms. Karel Detterman
Alameda County Environmental Health
1131 Harbor Parkway, Suite 250
Alameda, California 94502

Subject: Perjury Statement and Report Transmittal
Zimmerman Property
3442 Adeline Street
Oakland, CA
AEI Project No. 281939
ACDEH Fuel Leak Case No. RO0002936

Dear Ms. Detterman:

I declare under penalty of perjury that the information and/or recommendations contained in the attached report, *Semi Annual Groundwater Monitoring Report, First Semester 2018* dated March 26, 2018 for the above-referenced site are true and correct to the best of my knowledge.

If you have questions or need additional information, please contact me at (925) 457 - 5607 or Ms. Jacqueline Day at AEI Consultants at (858) 531-6297.

Sincerely,

Bill Mouat

Bill Mouat

Representative of the Steffi R. Zimmerman Trust

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SIGNATURES

This document was prepared by, or under the direction of, the undersigned:

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Principal Engineer

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1. INTRODUCTION

On behalf of the Steffi Zimmerman Trust ("the Trust"), AEI Consultants (AEI) has prepared this report documenting the groundwater monitoring and soil vapor sampling performed during the first semester of 2018 at 3442 Adeline Street in the City of Oakland, Alameda County, California ("the Site"). Groundwater monitoring and soil vapor sampling is currently performed at the Site on a semi-annual basis to address a petroleum hydrocarbon release from a former underground storage tank (UST) under the oversight of the Alameda County Department of Environmental Health (DEH). This report documents the procedures and findings of the semiannual groundwater monitoring and soil vapor sampling event performed on January 17 and 18, 2018.

2. SITE SETTING

The Site is an approximately one-acre parcel located on the southwest corner of 35th Street and Chestnut Street in an urban mixed commercial/industrial and residential area of the city of Oakland in California. The Site is fully developed with two conjoined warehouse buildings and attached canopy. Ground cover at the site consists of concrete paving throughout with no asphalt and no landscaped areas. Within the interior of easternmost warehouse building, the concrete paving is overlain by artificial turf or heavy rubber mats. The Site is fully enclosed by exterior walls to on-site improvements where present and a perimeter fence where no buildings are present. Access to the site is through a gate along Adeline street or through four roll-up doors along chestnut street. The general location of the Site is depicted in Figure 1 while the layout of the Site is depicted on Figure 2.

The Site is currently enrolled in the California State Water Resources Control Board's Underground Storage Tank (UST) Clean Up Fund (CUF) and is registered on the Waterboard's Geotracker database under global ID T0600183099. The Site is enrolled in the UST CUF due to the historic presence of a 3,750-gallon steel single-wall UST from a location immediately adjacent to the eastern property boundary which was removed from the ground on February 22, 2000 by the Clearwater Group (Clearwater). Sidewall soil and grab groundwater samples collected during the removal of the UST indicate that a release of petroleum hydrocarbons had occurred from the UST. Subsurface investigations to characterize the lateral and vertical extent of the petroleum hydrocarbon release and remedial activities have been conducted at the Site from 2006 to 2016.

There are currently nineteen (19) permanent soil gas probes (VB-6 through VB-22), seven (7) monitoring wells (MW-1 through MW-7), one air sparge well (IW-1), and four de-watering wells (BF-1, BF-2, BF-3, and BF-5) installed at the Site. Details pertaining to the construction of the monitoring wells, air sparge well, and dewatering wells are included in Table 1.

The Site is currently undergoing assessment in pursuit of closure under the California State Water Resources Control Board Low-Threat Underground Storage Tank Case Closure Policy (LTCP).

3. STATUS REPORT

This section summarizes the activities conducted during the first semester of 2018 and the activities proposed for the next reporting semester.

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3.1. Activities Conducted □First Semester 2018

The following activities were conducted during the first semester of 2018.

- Performed the groundwater monitoring event for the first semester of 2018 on January 17, 2018.
- Performed the soil vapor sampling event for the first semester of 2018 on January 17 and 18, 2018.
- AEI uploaded associated electronic data files (EDFs) to the State Water Resource Control Board's GeoTracker database for the Semi Annual Groundwater Monitoring Report – First Semester 2018 report.

3.2. Activities Proposed □Second Semester 2018

The following activities are anticipated for the second semester of 2018:

- Implement additional subsurface investigation in pending ACDEH review and acceptance of the *Data Gap Investigation, Updated Conceptual Site Model, and Additional Subsurface Investigation Work Plan* dated September 12, 2017.
- Conduct a semi-annual groundwater monitoring and soil vapor sampling event in the July 2018, pending approval by the ACDEH.

4. SUMMARY OF GROUNDWATER MONITORING ACTIVITIES

This section describes the groundwater monitoring activities performed during the reporting period.

4.1. Monitoring Well Condition Assessment

Prior to conducting sampling activities, AEI conducted a monitoring well condition assessment of each of the wells to be sampled (MW-1 through MW-7, IW-1, BF-1, and BF-5). This assessment consisted of inspecting the condition of the casing, well box, well plug, bolts, and lid for indications of wear or failure. Bolts were replaced for wells MW-1, MW-7, IW-1, BF-1, and BF-5. A well lid is missing for MW-3 and a 10-pound weight is being used as a well lid. Monitoring well construction details, including total depth and screened intervals are summarized in Table 1. Field data sheets are included in Appendix A.

4.2. Groundwater Elevation Gauging

Prior to purging and sampling activities, AEI removed the well caps from each of the ten (10) groundwater wells to be monitored (MW-1 through MW-7, IW-1, BF-1, and BF-5) and allowed for groundwater elevation to equilibrate with atmospheric pressure. Following the equilibration with ambient pressure, depth to groundwater from the top of the well casing was gauged using a flat tape electric water level meter laser marked in 0.01-foot increments. Depth to groundwater was then used in conjunction with the surveyed top of casing elevations to calculate groundwater elevation.

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4.3. Groundwater Sampling Activities

Following groundwater level measurements, groundwater samples were collected from the groundwater monitoring wells scheduled for sampling, including MW-1 through MW-7, BF-1, BF-5, and IW-1. Each well was first purged using low flow purging techniques. Purging and sampling was conducted using a peristaltic pump and water quality parameters were monitored at approximately five-minute intervals using a Horiba U-52 water quality meter equipped with a flow through cell. During purging and sampling, the pump intake was situated at the center of the saturated screened interval and flow rate was adjusted to be in equilibrium with the recharge rate of the well. The recharge rate of the monitoring well was determined by adjusting the flow rate of the pump to the maximum flow possible without inducing a measurable drawdown. Groundwater was purged until water quality parameters [eg: temperature, pH, specific conductivity, dissolved oxygen (DO), and oxidation-reduction potential (ORP), and turbidity] reached their respective stabilization criteria at which point a groundwater sample was collected.

Groundwater samples from each of the wells sampled were collected in laboratory-supplied, hydrochloride acid preserved 40-milliliter (mL) volatile organic analysis vials (VOAs). VOAs were sealed with no visible headspace and preserved with hydrochloric acid. Each VOA was sealed, labeled, and placed in an ice-chilled cooler. Samples were then transported under chain of custody protocols to McCampbell Analytical, Inc. of Pittsburg, California.

Groundwater field data sheets presenting the sampling details are included as Appendix A.

4.4. Laboratory Analyses

Groundwater samples collected were transported under chain-of-custody documentation to McCampbell Analytical, Incorporated of Pittsburg, California. The following laboratory analysis were completed as part of this investigation:

- Total Petroleum Hydrocarbons (TPH) as gasoline (TPH-g) and TPH as diesel (TPH-d) using US EPA Testing Method 8015B, modified.
- Benzene, toluene, ethylbenzene, and xylenes (collectively “BTEX compounds”), naphthalene, and fuel oxygenates using US EPA Testing Method 8260B.

4.5. Purge Water Wastes

The purge groundwater waste generated during sampling of the groundwater monitoring wells was containerized in a 55-gallon DOT-approved drum. The waste was removed from the Site on February 15, 2018 and properly disposed. A copy of the disposal documentation is included in Appendix B.

5. SUMMARY OF SOIL VAPOR SAMPLING ACTIVITIES

This section describes the soil vapor sampling activities performed during the reporting period. Soil gas sampling activities were conducted in general accordance with the *Active Soil Gas Investigations Advisory* dated July 2015 (the *Advisory*) by the California Environmental Protection Agency (Cal-EPA) Department of Toxic Substance Control (DTSC), et la. Nineteen (19) permanent soil vapor probes were monitored as part of the semi-annual monitoring activities.

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5.1. Soil Vapor Sample Collection

Soil vapor sample collection was attempted from the existing soil vapor probes (VB-4 through VB-22) on January 17 and 18, 2018. Samples were collected in accordance with the procedures outlined in the Advisory and with the methods proposed in the Updated Site Conceptual Model and Soil and Soil Vapor Investigation Report dated November 15, 2016 and technical comment provided in the Directive dated May 12, 2017. Soil vapor samples were collected separately into sorbent tubes and one-liter evacuated canisters as follows:

- Evacuated canister samples were collected through a laboratory-supplied regulator set at 200 milliliters per minute into one-liter evacuated canisters. Each canister was individually checked, tested and certified by the laboratory for air tightness and proper vacuum prior to shipping. Prior to sampling, a minimum of three probe volumes were purged from each vapor probe. Sampling manifolds included dual vacuum gauges to monitor down-hole vacuum and sample container vacuum. The initial and final sample container vacuum for each sample was recorded and samples were completed with a slight vacuum remaining to ensure sample integrity during transport.
- Sorbent tube samples were collected, following evacuated canister sampling, by installing the tube in-line with the vapor probe and inducing a vacuum. Sorbent tube samples were collected by extracting a total of 60 milliliters of soil vapor at a rate of approximately 200 millimeters per minute through the sorption media using a syringe equipped with a three-way valve to allow for venting. Flow rate was regulated using a critical orifice. Sorbent tubes were labeled and placed into an ice-chilled cooler immediately following sampling. Evacuated canister soil vapor samples were transferred under appropriate chain-of-custody documentation to ESC Lab Sciences of Mt. Juliet, Tennessee. Sorbent tube soil vapor samples were transferred under chain-of-custody documentation to Eurofins Air Toxics of Folsom, California.

For quality assurance and quality control (QA/QC) purposes, soil vapor sample equipment was tested for leaks by conducting a vacuum tightness shut-in test prior to sampling and by conducting a leak check test during purging and sampling. The leak check test was conducted by encapsulating the surface completion of the vapor probe and the vapor sampling assembly within a shroud. An atmosphere of at least 15% helium was then induced and maintained within the shroud throughout the duration of the sampling.

No anomalies or variations to sampling methods are reported for the January 17 and 18, 2018 sampling event except the following:

- Sampling of probe VB-14 was attempted on January 17, 2018, however, down-hole vacuum pressure equilibrated during sampling, resulting in no-flow/low-flow conditions, which inhibited further sample collection. A sample volume of approximately 38 milliliters (ml) was collected in the Summa canister before the no-flow/low-flow conditions occurred. Due to the no-flow/low-flow conditions, a soil vapor sample for naphthalene could not be collected for VB-14 using the sorbent tube.
- Sampling of probes VB-6, VB-8, VB-11, VB-13, and VB-15 were attempted on January 17, 2018, however, groundwater was observed in the sample tubing. Therefore, soil vapor samples could not be collected. This is the third consecutive sampling event in which VB-6 was unable to be sampled due to low flow or shallow groundwater conditions. AEI

recommends that if VB-6 is unable to be sampled during the next vapor sampling event, a replacement soil vapor probe with a greater bore hole diameter be installed in the vicinity of VB-6 within the nearest high permeability zone encountered below five feet bgs.

- Sampling of VB-19 was attempted on January 19, 2018, however, the well was covered and inaccessible for sampling. Therefore, soil vapor samples could not be collected from VB-19.

5.2. Laboratory Analyses

The following laboratory analyses were completed on soil vapor samples collected as part of this investigation:

- TPH-g, BTEX, and methyl tertiary butyl ether (MTBE) using US EPA Testing Method TO-15.
- Metabolic gases (oxygen, carbon dioxide, and methane) and leak check compound helium using ASTM D1946.
- Naphthalene using US EPA Testing Method Modified TO-17.

6. DISCUSSION OF RESULTS

This section presents the results of the hydrogeology encountered and the groundwater and soil vapor sample results.

6.1. Site Hydrogeology

Groundwater elevation data from the January 17, 2018 and previous groundwater monitoring events are summarized in Table 2. A groundwater potentiometric surface interpolated from the January 17, 2018 data is depicted in Figure 3. Average depth to groundwater observed during the event in the groundwater monitoring wells was approximately 7.32 feet bgs and based on the potentiometric surface drawn, groundwater flow is generally to the southwest with an approximate hydraulic gradient of 0.027 feet per feet. The groundwater elevation from IW-1 was excluded due to the horizontal construction of the well and from MW-7 due to an inconsistent elevation reading this event. The measurement will be confirmed during the next monitoring event. The calculated direction and magnitude of the groundwater gradient are consistent with historical observations. Hydrographs depicting changes in depth to groundwater for each of the monitoring wells are provided in Appendix D. Based on the previous depth to groundwater data, groundwater elevation has decreased an average of 0.08 feet since the June 2017 event.

6.2. Groundwater Sample Analytical Results

Table 4 presents a summary of selected compounds detected in groundwater during the first semester of 2018 event and historical groundwater monitoring events. Figures 4 and 5 present the isoconcentration contours for dissolved concentrations of TPH-g and benzene in groundwater, respectively, for the January 2018 sampling event. Laboratory analytical reports are included as Appendix C.

The sample results for the January 2018 sampling event can be summarized as follows:

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- None of the target analytes (TPH-g, benzene, and MTBE) were detected at or above their respective laboratory method reporting limits in groundwater samples collected from four (4) monitoring wells (MW-1, IW-1, BF-1, or BF-5), consistent with historical results.
- TPH-g was detected in four (4) of the ten (10) groundwater samples collected during the event, observed at a maximum concentration of 10,000 micrograms per liter (µg/L). TPHg concentrations in perimeter and downgradient wells MW-5 and MW-6 have shown a slight increase during this sampling event, observed at concentrations of 650 µg/L and 1,700 µg/L, respectively. However, concentrations are below historical maximums for each well respectively.
- Benzene was detected in six (6) of the ten (10) groundwater samples collected during the event at a maximum concentration of 870 µg/L, in groundwater collected from well MW-7. Benzene concentrations in perimeter and downgradient wells MW-4, MW-5, and MW-6 have shown a slight increase during this sampling event, observed at a maximum concentration of 160 µg/L (MW-5); however, concentrations are below historical maximums for each well respectively.
- MTBE continues to not be detected at or above the laboratory method reporting limits in the groundwater samples collected and analyzed.

The observed concentrations of residual petroleum hydrocarbons in groundwater continue to be meet Class 3 for Groundwater-Specific Criteria under the LTCP.

6.3. Soil Vapor Sample Analytical Results

Table 6 presents a summary of the soil vapor samples collected during the January 2018 event and historical events. Figures 6, 7, and 8 present isoconcentration contours for TPH-g, benzene, and oxygen in soil vapor samples collected and analyzed as part of this event respectively. Laboratory analytical reports are included in Appendix C. For this Site, the zoning has been changed by the City of Oakland to be residential, therefore the analytical results generated are compared to the LTCP assuming an exposure pathway under residential land use scenario. The results can be summarized as follows:

- Oxygen was detected above the 4% level necessary to meet the aerobic bioattenuation zone Scenario 4 under the LTCP in each of the vapor samples collected as part of this event, with the exception of soil vapor samples collected from VB-4, VB-9, and VB-12DUP where there appears to be a laboratory error.
- Methane was not detected above the laboratory method reporting limit of 0.40% in the soil vapor samples collected as part of this event with the exception of probe VB-4, which yielded a methane concentration of 0.815%. Methane does not have an established soil gas LTCP criteria.
- TPH-g was detected in 12 of the 13 soil vapor samples collected as part of this event, observed at a maximum concentration of 66,700,000 micrograms per meter (µg/m^3), in probe VB-4. TPH-g does not have an established soil gas LTCP criteria.
- Benzene was detected in four (4) of the 13 the soil vapor samples analyzed at a maximum concentration of 6,190 µg/m^3 in probe VB-9. The applicable LTCP soil gas criteria (most conservative residential scenario) for benzene is <85 µg/m^3 where no bioattenuation zone is

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present and <85,000 µg/m^3 where a bioattenuation zone is present. With the exception of VB-4, VB-9, VB-12DUP (which had noted laboratory errors) and VB-12, the Site meets the LTCP for benzene in soil vapor under the bioattenuation zone scenario, which was shown to be present as noted above.

- Ethylbenzene was detected in 1 of the 13 the soil vapor samples analyzed at a concentration of 2,700 µg/m^3 (VB-4) The applicable LTCP soil gas criteria (most conservative residential scenario) for ethylbenzene is <1,100 µg/m^3 where no bioattenuation zone is present and <1,100,000 µg/m^3 where a bioattenuation zone is present. With the exception of VB-4 (which had a noted laboratory error), the Site meets the LTCP for ethylbenzene in soil vapor under the bioattenuation zone scenario, which was shown to be present as noted above.
- Naphthalene was not detected of 83 µg/m^3 in the samples collected as part of this event. The applicable LTCP soil gas criteria (most conservative residential scenario) for naphthalene is <310 µg/m^3 where no bioattenuation zone is present and <310,000 µg/m^3 where a bioattenuation zone is present. Based on the current levels of naphthalene at or below 83 µg/m^3 (the laboratory method reporting limit), the Site meets the LTCP for naphthalene in soil vapor under both the bioattenuation and non-bioattenuation scenarios.
- Toluene was detected in 1 of the 13 soil vapor samples at a concentration of 5,110 µg/m^3 in probe VB-4. Xylenes were not detected in any of the samples at or above the laboratory method reporting limit in samples collected as part of this event. Toluene and xylenes do not have an established soil gas LTCP criteria.
- MTBE was not detected in the soil gas samples collected as part of this event. MTBE does not have an established soil gas LTCP criteria.
- The tracer gas, helium, was not detected in the soil vapor samples collected. Therefore, no significant leaks were observed during sampling, and these soil gas data are deemed valid.

7. LABORATORY QUALITY ASSURANCE / QUALITY CONTROL MEASURES

Standard Quality Assurance/Quality Control (QA/QC) measures were implemented during the sample collection, transport, and chemical analysis process. The QA/QC measures consisted evaluating laboratory performance of surrogate spike recovery, matrix spike/matrix spike duplicate (MS/MSD), method blank, sample duplicate, and laboratory control spike (LCS) analyses. The primary objective of these QA/QC measures is to ensure that resulting analytical data are reproducible, are of adequate quality for their intended use, and are representative of actual conditions. The soil vapor samples for VB-9, VB-12DUP, and VB-22 had laboratory notations for analytes (TPH-g and oxygen) being detected in the associated method blank samples. No other anomalies were found in the data resulting from analysis of samples collected during the first semester of 2018.

8. CLOSING

Based on the findings of this routine semi-annual groundwater monitoring event, AEI recommends one additional semi-annual groundwater monitoring event to confirm concentration trends in groundwater remain below LTCP for closure and continued semi-annual soil vapor sampling to evaluate concentration trends. In addition, AEI recommends preparing a work plan

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for further assessment as presented in *Report on Data Gap Investigation, Updated Conceptual Site Model, and Closure Evaluation* dated September 12, 2017.

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FIGURES

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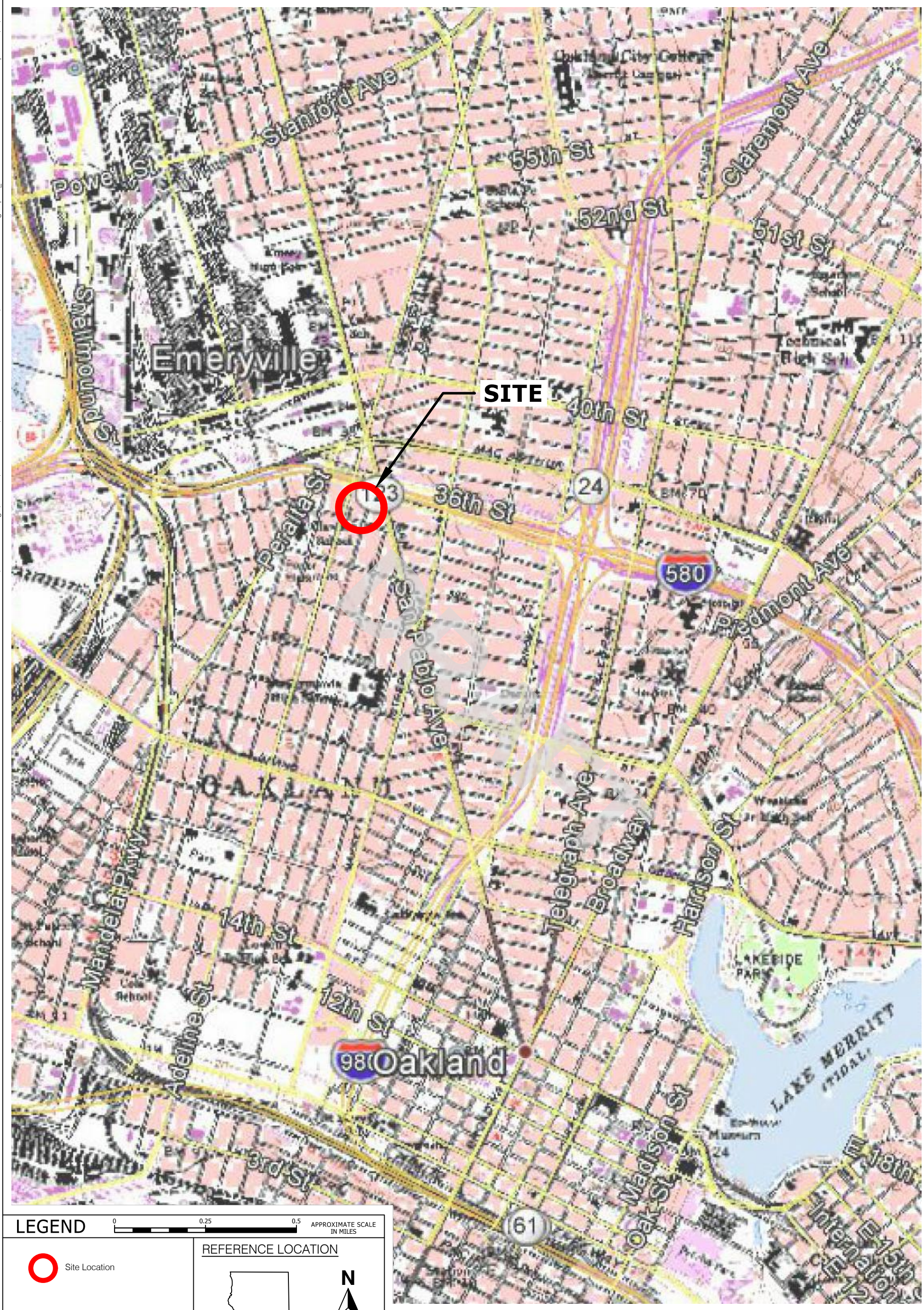

LEGEND

0 0.25 0.5 APPROXIMATE SCALE IN MILES

Site Location

REFERENCE LOCATION

Map Source:
USGS 7.5 Minute
Topographic Quadrangle Map,
South San Fancisco, CA - 1999

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2500 Camino Diablo
Walnut Creek, California

SITE LOCATION MAP

3442 ADELINE STREET
OAKLAND, CA 94608

FIGURE #1
Project No. #281939

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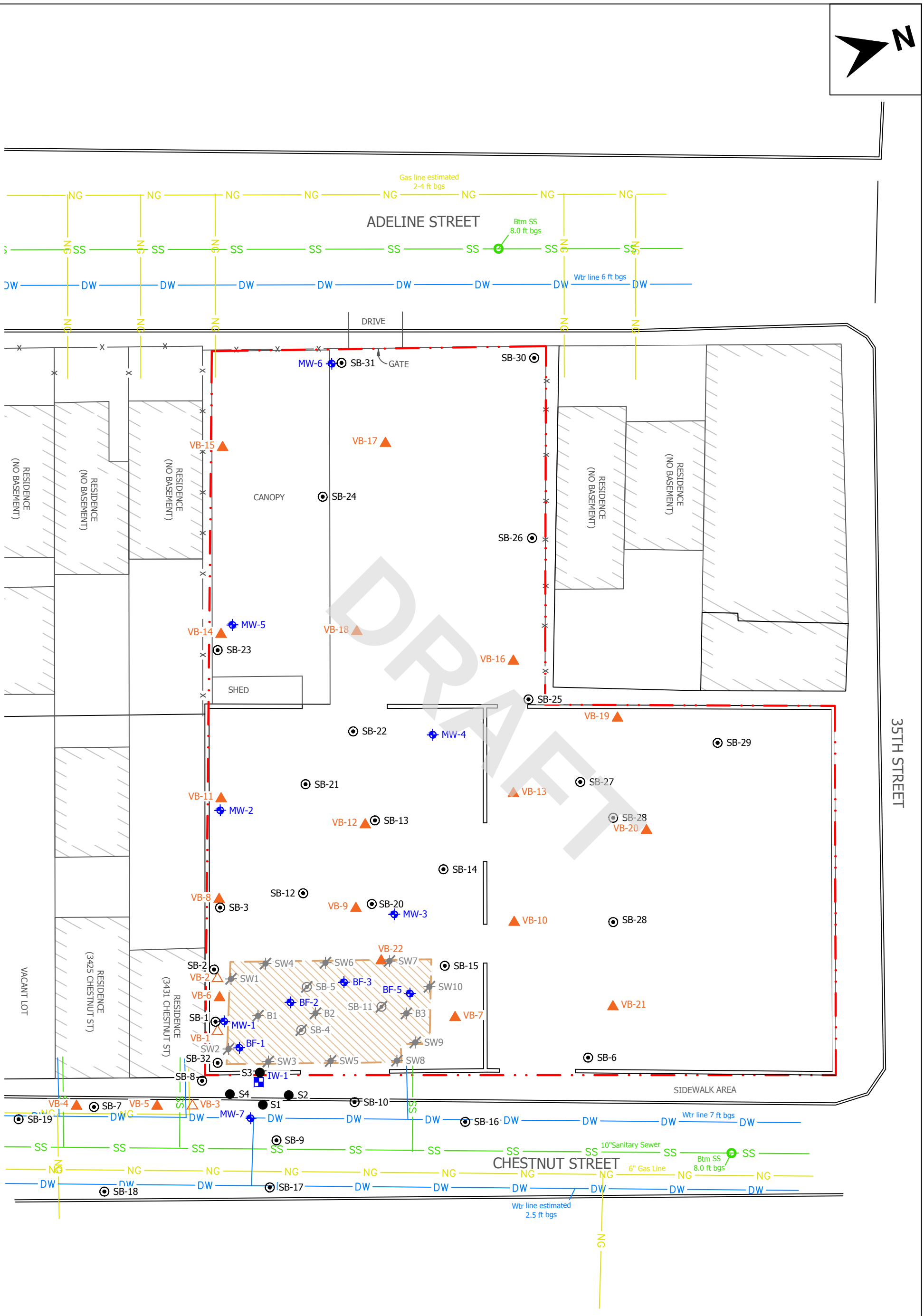

LEGEND

0 30 60 APPROXIMATE SCALE IN FEET or MILES

SB-1	AEI Soil Boring
S-1	Clear Water Soil Sample
SW1	Base Soil Sample
B-1	Sidewall Soil Sample
VB-1	Temporary Soil Vapor Probe
VB-4	Permanent Soil Vapor Probe
BF-1	Backfill Well Casings
MW-1	Monitoring Well Casings
IW-1	Injection Well
	Abandon AEI Soil Boring
	Abandon Base Soil Sample
	Site Boundary
DW	Domestic Water
SS	Sanitary Sewer
NG	Natural Gas
	Interim Source Removal Excavation (2009)

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2500 Camino Diablo
Walnut Creek, California

SITE PLAN

3442 ADELINE STREET
OAKLAND, CA 94608

FIGURE 2
Project No. 281939

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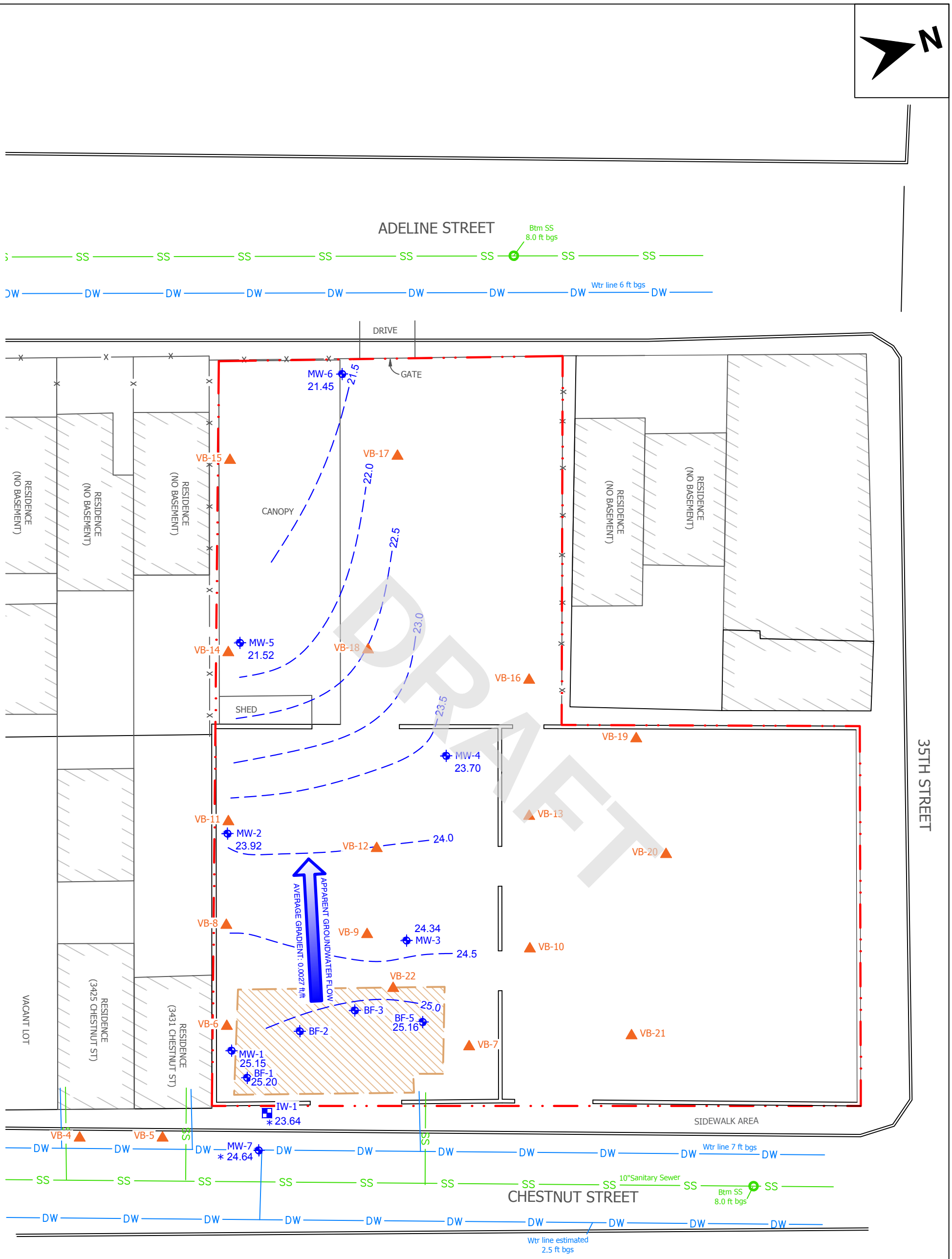

LEGEND

0 30 60 APPROXIMATE SCALE IN FEET or MILES

- VB-4 Permanent Soil Vapor Probe
- BF-1 Backfill Well Casings
- MW-1 Monitoring Well Casings
- IW-1 Injection Well
- 27.5 Groundwater Potentiometric Surface (feet NAVD88)
- Site Boundary
- DW Domestic Water
- SS Sanitary Sewer
- Interim Source Removal Excavation (2009)
- * Not Used in Contouring

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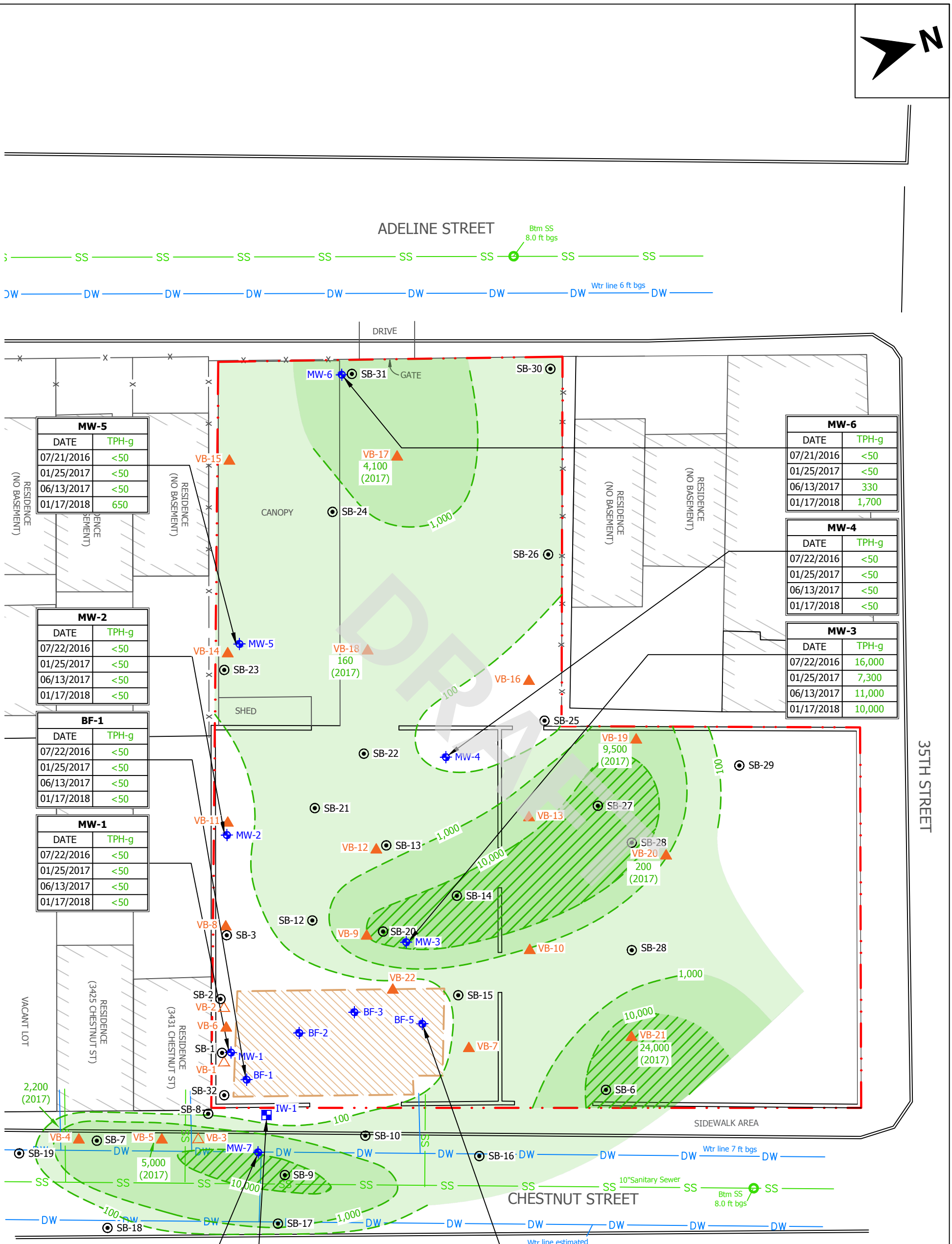
2500 Camino Diablo
Walnut Creek, California

GROUNDWATER POTENTIOMETRIC SURFACE
JANUARY 2018

3442 ADELINE STREET
OAKLAND, CA 94608

FIGURE 3
Project No. 281939



MW-5	
DATE	TPH-g
07/21/2016	<50
01/25/2017	<50
06/13/2017	<50
01/17/2018	650

MW-6	
DATE	TPH-g
07/21/2016	<50
01/25/2017	<50
06/13/2017	330
01/17/2018	1,700

MW-4	
DATE	TPH-g
07/22/2016	<50
01/25/2017	<50
06/13/2017	<50
01/17/2018	<50

MW-3	
DATE	TPH-g
07/22/2016	16,000
01/25/2017	7,300
06/13/2017	11,000
01/17/2018	10,000

MW-2	
DATE	TPH-g
07/22/2016	<50
01/25/2017	<50
06/13/2017	<50
01/17/2018	<50

BF-1	
DATE	TPH-g
07/22/2016	<50
01/25/2017	<50
06/13/2017	<50
01/17/2018	<50

MW-1	
DATE	TPH-g
07/22/2016	<50
01/25/2017	<50
06/13/2017	<50
01/17/2018	<50

MW-7	
DATE	TPH-g
07/21/2016	6,700
01/25/2017	3,200
06/13/2017	10,000
01/17/2018	10,000

IW-1	
DATE	TPH-g
07/21/2016	<50
01/25/2017	<50
06/13/2017	<50
01/17/2018	<50

BF-5	
DATE	TPH-g
07/22/2016	<50
01/25/2017	<50
06/13/2017	<50
01/17/2018	<50

LEGEND

0 30 60 APPROXIMATE SCALE IN FEET or MILES

- SB-1 AEI Soil Boring
- VB-1 Temporary Soil Vapor Probe
- VB-4 Permanent Soil Vapor Probe
- BF-1 Backfill Well Casings
- MW-1 Monitoring Well Casings
- IW-1 Injection Well
- Site Boundary
- DW Domestic Water
- SS Sanitary Sewer
- Interim Source Removal Excavation (2009)
- 100 TPH-g Isoconcentration Contour (µg/L)
- <0.50 (2017) Grab Groundwater TPH-G Analytical Result (µg/L) Grab Groundwater Sample Collection Year
- Micrograms/Liter (µg/L)

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2500 Camino Diablo
Walnut Creek, California

TPH-g IN GROUNDWATER JANUARY 2018

3442 ADELINE STREET
OAKLAND, CA 94608

FIGURE 4
Project No. 281939

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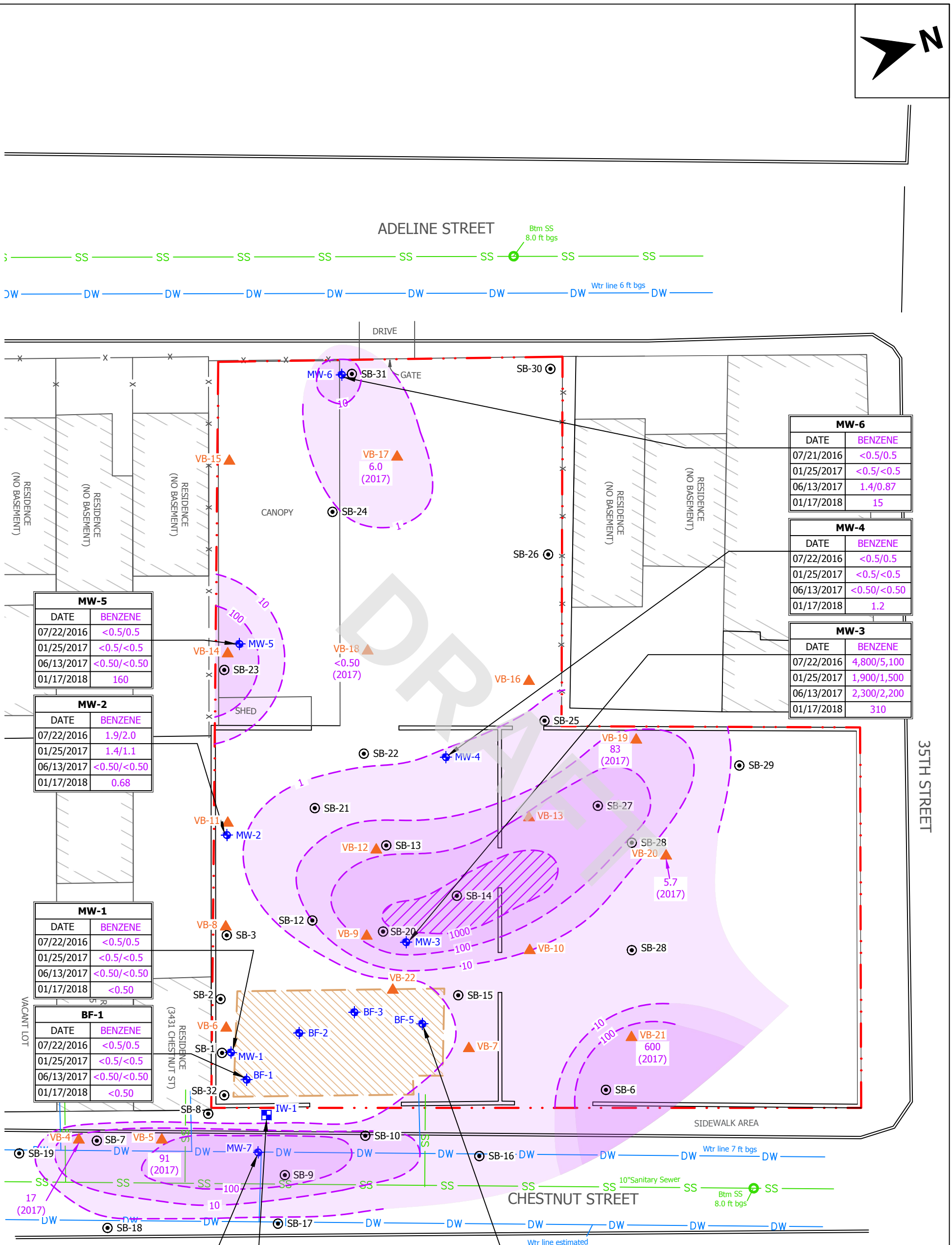

MW-6	
DATE	BENZENE
07/21/2016	<0.5/0.5
01/25/2017	<0.5/<0.5
06/13/2017	1.4/0.87
01/17/2018	15

MW-4	
DATE	BENZENE
07/22/2016	<0.5/0.5
01/25/2017	<0.5/<0.5
06/13/2017	<0.50/<0.50
01/17/2018	1.2

MW-3	
DATE	BENZENE
07/22/2016	4,800/5,100
01/25/2017	1,900/1,500
06/13/2017	2,300/2,200
01/17/2018	310

MW-5	
DATE	BENZENE
07/22/2016	<0.5/0.5
01/25/2017	<0.5/<0.5
06/13/2017	<0.50/<0.50
01/17/2018	160

MW-2	
DATE	BENZENE
07/22/2016	1.9/2.0
01/25/2017	1.4/1.1
06/13/2017	<0.50/<0.50
01/17/2018	0.68

MW-1	
DATE	BENZENE
07/22/2016	<0.5/0.5
01/25/2017	<0.5/<0.5
06/13/2017	<0.50/<0.50
01/17/2018	<0.50

BF-1	
DATE	BENZENE
07/22/2016	<0.5/0.5
01/25/2017	<0.5/<0.5
06/13/2017	<0.50/<0.50
01/17/2018	<0.50

MW-7	
DATE	BENZENE
07/21/2016	1,400/1,400
01/25/2017	190/140
06/13/2017	1,900/1,800
01/17/2018	870

IW-1	
DATE	BENZENE
07/21/2016	<0.5/0.5
01/25/2017	<0.5/<0.5
06/13/2017	<0.50/<0.50
01/17/2018	<0.50

BF-5	
DATE	BENZENE
07/22/2016	<0.5/0.5
01/25/2017	<0.5/<0.5
06/13/2017	<0.50/<0.50
01/17/2018	<0.50

LEGEND

0 30 60 APPROXIMATE SCALE IN FEET or MILES

- SB-1 AEI Soil Boring
- VB-4 Permanent Soil Vapor Probe
- BF-1 Backfill Well Casings
- MW-1 Monitoring Well Casings
- IW-1 Injection Well
- Site Boundary
- DW Domestic Water
- SS Sanitary Sewer
- Interim Source Removal Excavation (2009)
- 10 TPH-g Isoconcentration Contour (µg/L)
- <0.50 (2017) Grab Groundwater TPH-G Analytical Result (µg/L) Grab Groundwater Sample Collection Year
- Micrograms/Liter (µg/L)

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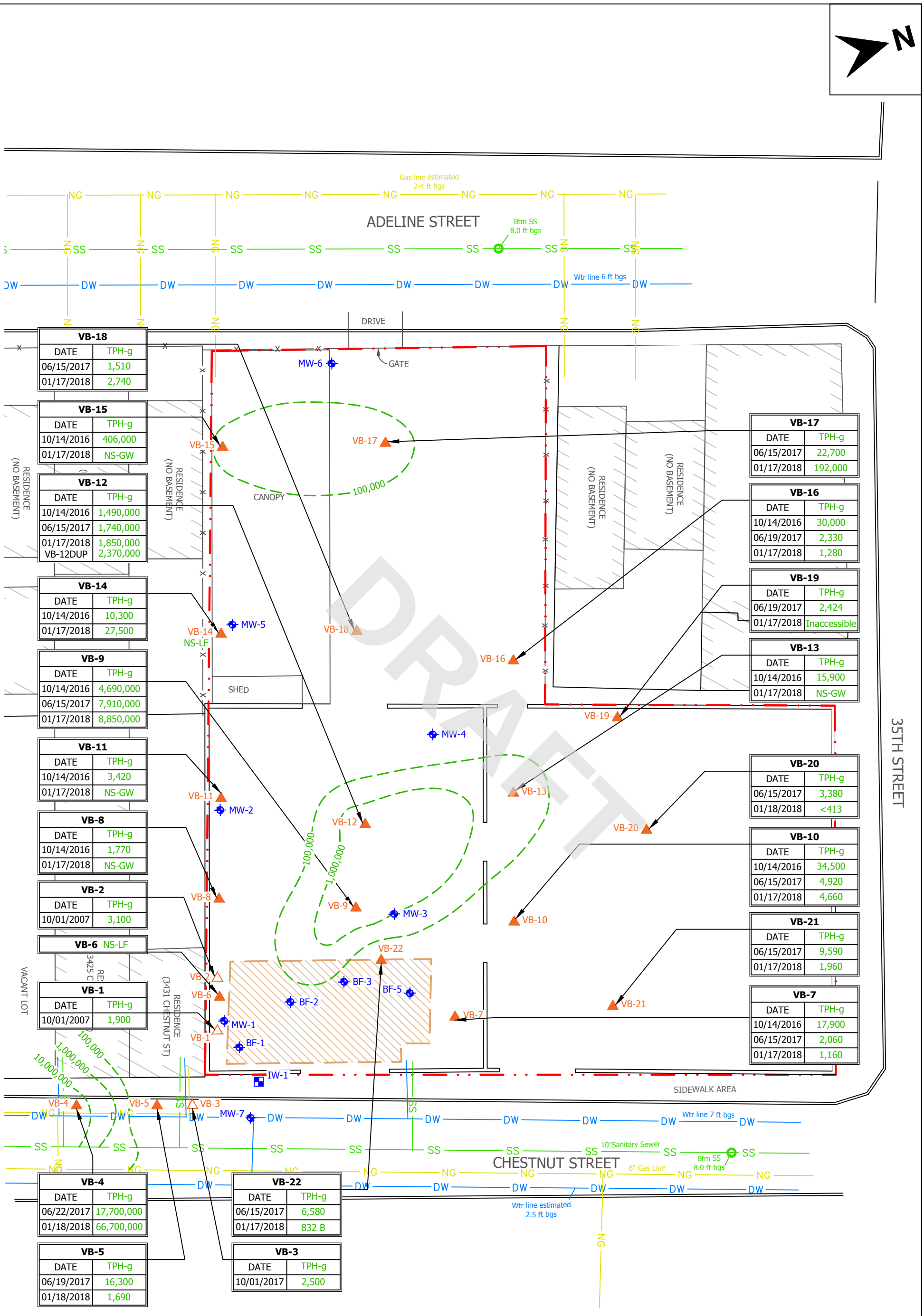
2500 Camino Diablo
Walnut Creek, California

BENZENE IN GROUNDWATER JANUARY 2018

3442 ADELINE STREET
OAKLAND, CA 94608

FIGURE 5
Project No. 281939

D:\Votaw CAD Design\CadFiles\AEI Consultants\281939 Zimmerman - PO 153712\2018 01 GW & SG Monitoring Report_AEI-281939-Zimmerman GW & SG Report - 03/13/2018



VB-18	
DATE	TPH-g
06/15/2017	1,510
01/17/2018	2,740

VB-15	
DATE	TPH-g
10/14/2016	406,000
01/17/2018	NS-GW

VB-12	
DATE	TPH-g
10/14/2016	1,490,000
06/15/2017	1,740,000
01/17/2018	1,850,000
VB-12DUP	2,370,000

VB-14	
DATE	TPH-g
10/14/2016	10,300
01/17/2018	27,500

VB-9	
DATE	TPH-g
10/14/2016	4,690,000
06/15/2017	7,910,000
01/17/2018	8,850,000

VB-11	
DATE	TPH-g
10/14/2016	3,420
01/17/2018	NS-GW

VB-8	
DATE	TPH-g
10/14/2016	1,770
01/17/2018	NS-GW

VB-2	
DATE	TPH-g
10/01/2007	3,100

VB-6	NS-LF

VB-1	
DATE	TPH-g
10/01/2007	1,900

VB-17	
DATE	TPH-g
06/15/2017	22,700
01/17/2018	192,000

VB-16	
DATE	TPH-g
10/14/2016	30,000
06/19/2017	2,330
01/17/2018	1,280

VB-19	
DATE	TPH-g
06/19/2017	2,424
01/17/2018	Inaccessible

VB-13	
DATE	TPH-g
10/14/2016	15,900
01/17/2018	NS-GW

VB-20	
DATE	TPH-g
06/15/2017	3,380
01/18/2018	<413

VB-10	
DATE	TPH-g
10/14/2016	34,500
06/15/2017	4,920
01/17/2018	4,660

VB-21	
DATE	TPH-g
06/15/2017	9,590
01/17/2018	1,960

VB-7	
DATE	TPH-g
10/14/2016	17,900
06/15/2017	2,060
01/17/2018	1,160

VB-4	
DATE	TPH-g
06/22/2017	17,700,000
01/18/2018	66,700,000

VB-22	
DATE	TPH-g
06/15/2017	6,580
01/17/2018	832 B

VB-5	
DATE	TPH-g
06/19/2017	16,300
01/18/2018	1,690

VB-3	
DATE	TPH-g
10/01/2017	2,500

LEGEND

0 30 60 APPROXIMATE SCALE IN FEET or MILES

- VB-1 Temporary Soil Vapor Probe
- VB-4 Permanent Soil Vapor Probe
- BF-1 Backfill Well Casings
- MW-1 Monitoring Well Casings
- IW-1 Injection Well
- NS-LF Not Sampled-Low Flow
- NS-GW Not Sampled-Groundwater
- B Same Analyte is Found in Method Blank
- Site Boundary
- DW Domestic Water
- SS Sanitary Sewer
- NG Natural Gas
- Interim Source Removal Excavation (2009)
- 100,000 TPH-g Isoconcentration Contour (µg/m^3) Dashed where inferred
- Micrograms/Meter Cubed (µg/m^3)

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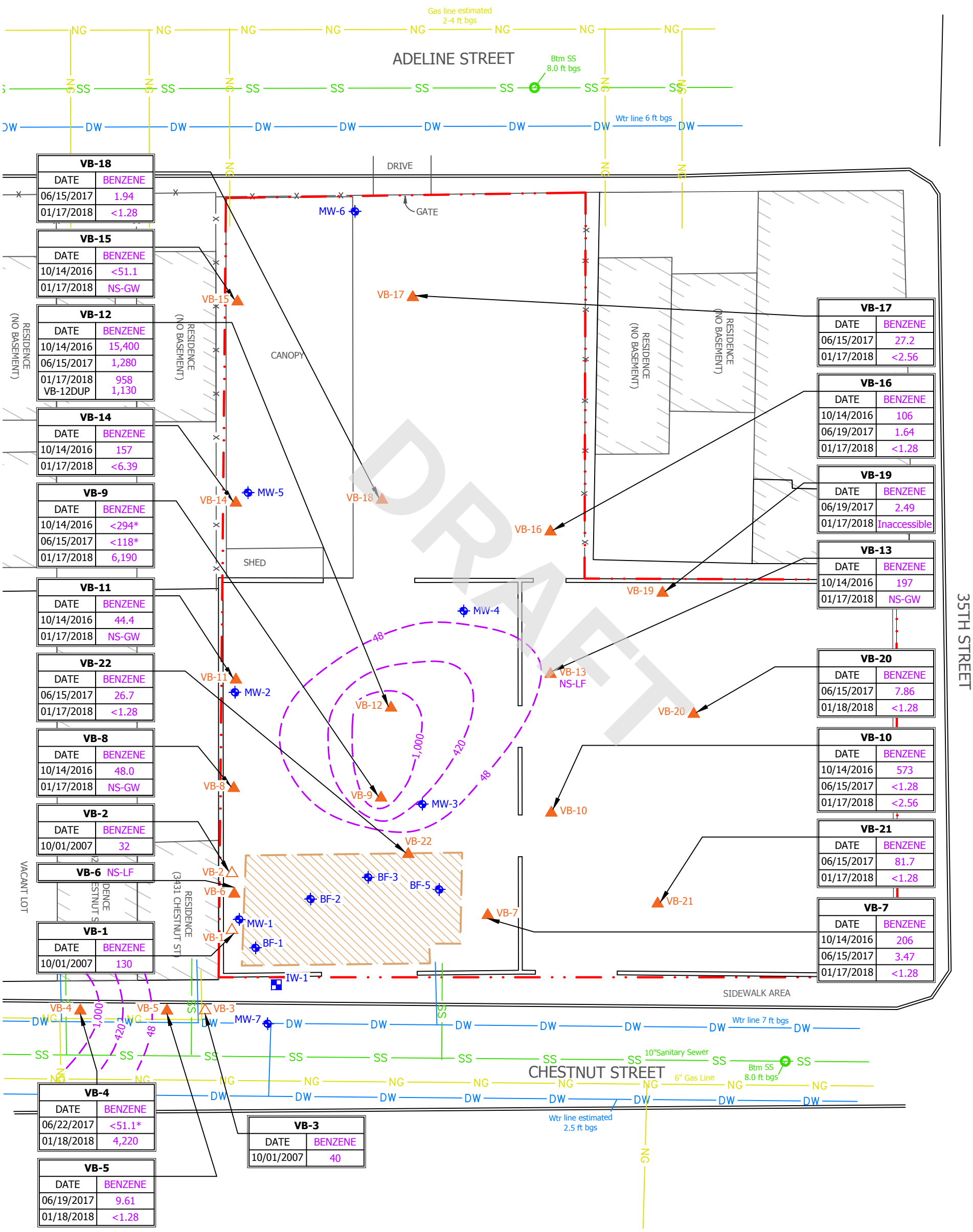
2500 Camino Diablo
Walnut Creek, California

TPH-g IN SOIL VAPOR JANUARY 2018

3442 ADELINE STREET
OAKLAND, CA 94608

FIGURE 6
Project No. 281939



VB-18	
DATE	BENZENE
06/15/2017	1.94
01/17/2018	<1.28

VB-15	
DATE	BENZENE
10/14/2016	<51.1
01/17/2018	NS-GW

VB-12	
DATE	BENZENE
10/14/2016	15,400
06/15/2017	1,280
01/17/2018	958
VB-12DUP	1,130

VB-14	
DATE	BENZENE
10/14/2016	157
01/17/2018	<6.39

VB-9	
DATE	BENZENE
10/14/2016	<294*
06/15/2017	<118*
01/17/2018	6,190

VB-11	
DATE	BENZENE
10/14/2016	44.4
01/17/2018	NS-GW

VB-22	
DATE	BENZENE
06/15/2017	26.7
01/17/2018	<1.28

VB-8	
DATE	BENZENE
10/14/2016	48.0
01/17/2018	NS-GW

VB-2	
DATE	BENZENE
10/01/2007	32

VB-6 NS-LF	

VB-1	
DATE	BENZENE
10/01/2007	130

VB-17	
DATE	BENZENE
06/15/2017	27.2
01/17/2018	<2.56

VB-16	
DATE	BENZENE
10/14/2016	106
06/19/2017	1.64
01/17/2018	<1.28

VB-19	
DATE	BENZENE
06/19/2017	2.49
01/17/2018	Inaccessible

VB-13	
DATE	BENZENE
10/14/2016	197
01/17/2018	NS-GW

VB-20	
DATE	BENZENE
06/15/2017	7.86
01/18/2018	<1.28

VB-10	
DATE	BENZENE
10/14/2016	573
06/15/2017	<1.28
01/17/2018	<2.56

VB-21	
DATE	BENZENE
06/15/2017	81.7
01/17/2018	<1.28

VB-7	
DATE	BENZENE
10/14/2016	206
06/15/2017	3.47
01/17/2018	<1.28

VB-4	
DATE	BENZENE
06/22/2017	<51.1*
01/18/2018	4,220

VB-5	
DATE	BENZENE
06/19/2017	9.61
01/18/2018	<1.28

VB-3	
DATE	BENZENE
10/01/2007	40

LEGEND

0 30 60 APPROXIMATE SCALE IN FEET or MILES

- VB-1 Temporary Soil Vapor Probe
- VB-4 Permanent Soil Vapor Probe
- BF-1 Backfill Well Casings
- MW-1 Monitoring Well Casings
- IW-1 Injection Well
- NS-LF Not Sampled-Low Flow
- NS-GW Not Sampled-Groundwater
- * Analyte Reported in Method Blank
- Site Boundary
- DW Domestic Water
- SS Sanitary Sewer
- NG Natural Gas
- Interim Source Removal Excavation (2009)
- 48 Benzene in Soil Vapor Isoconcentration Contour (µg/L) Dashed where inferred

Micrograms/Liter (µg/L)

AEI Consultants

2500 Camino Diablo
Walnut Creek, California

BENZENE IN SOIL VAPOR JANUARY 2017

3442 ADELINE STREET
OAKLAND, CA 94608

FIGURE 7
Project No. 281939

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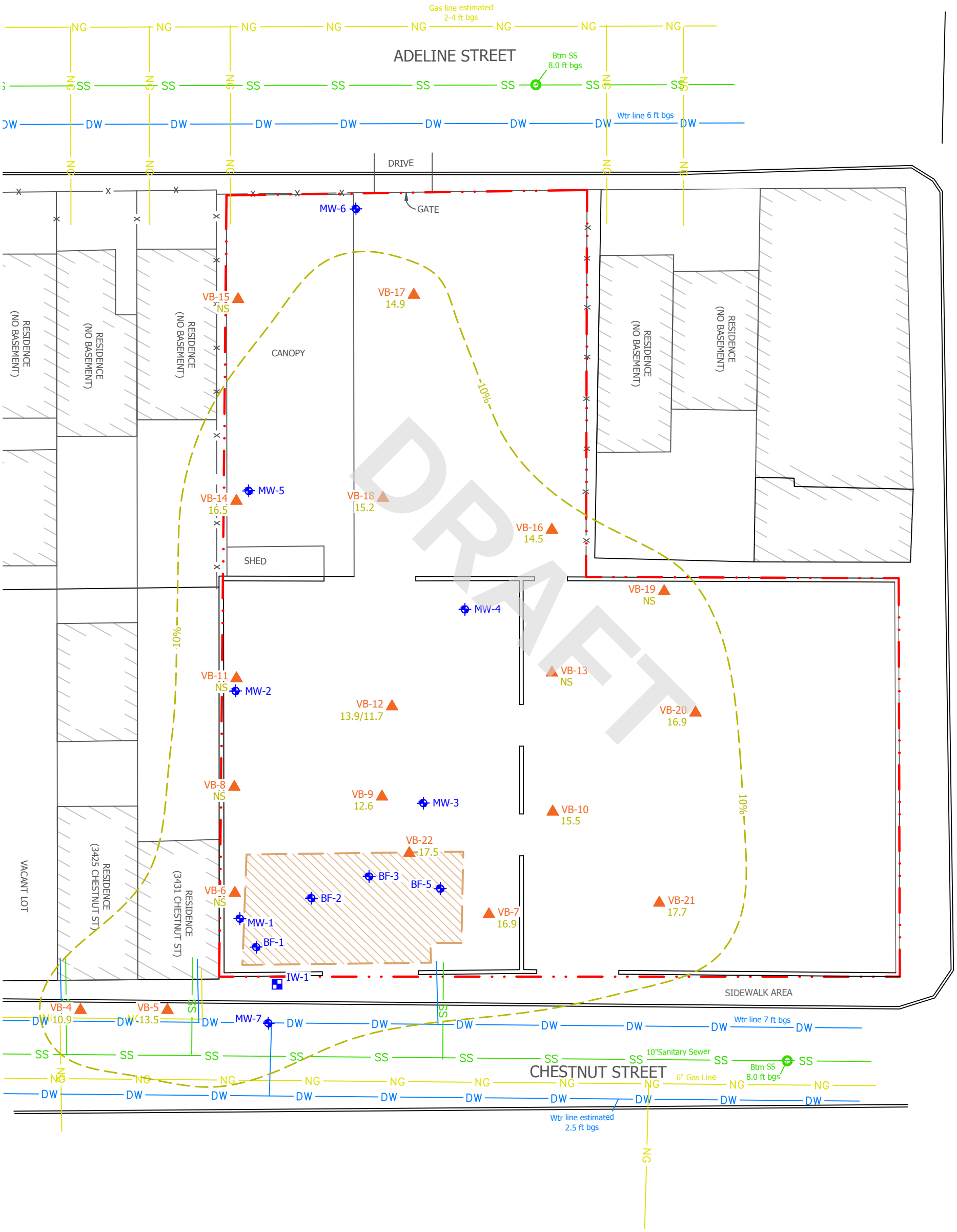

LEGEND

0 30 60 APPROXIMATE SCALE IN FEET or MILES

- VB-4 Permanent Soil Vapor Probe
- BF-1 Backfill Well Casings
- MW-1 Monitoring Well Casings
- IW-1 Injection Well
- NS Not Sampled
- Site Boundary
- DW Domestic Water
- SS Sanitary Sewer
- NG Natural Gas
- Interim Source Removal Excavation (2009)
- 4% Oxygen Soil Vapor Isoconcentraion (%)

AEI Consultants

2500 Camino Diablo
Walnut Creek, California

OXYGEN IN SOIL VAPOR
JANUARY 2018

3442 ADELINE STREET
OAKLAND, CA 94608

FIGURE 8
Project No. 281939

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TABLES

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TABLE 1
Well Construction Details

Zimmerman Property
3442 Adeline Street
Oakland, CA

Well ID	Date Installed	Top of Casing Elevation (ft)	Well Box Rim Elevation (ft)	Well Depth (ft bgs)	Casing Material	Casing Diameter (in)	Sceened Interval (ft bgs)	Slot Size (in)	Sand Interval (ft bgs)	Sand Size
BF-1	03/09/09	31.87	32.14	13	PVC	4	9-13	0.020	8-13	# 2/12
BF-2	03/09/09	NA	NA	13	PVC	4	9-13	0.020	8-13	# 2/12
BF-3	03/09/09	NA	NA	13	PVC	4	8-13	0.020	7-13	# 2/12
BF-5	03/09/09	32.28	32.59	13	PVC	4	8-13	0.020	7-13	# 2/12
MW-1	04/01/09	31.12	32.13	17	PVC	4	7-17	0.020	6-17	# 2/12
MW-2	04/01/09	31.19	31.43	17	PVC	4	7-17	0.020	6-17	# 2/12
MW-3	04/01/09	32.07	32.39	17	PVC	4	7-17	0.020	6-17	# 2/12
MW-4	04/02/09	31.68	31.98	17	PVC	2	7-17	0.020	6-17	# 2/12
MW-5	05/12/09	30.39	30.82	17	PVC	2	7-17	0.020	6-17	# 2/12
MW-6	04/02/09	29.34	29.96	17	PVC	2	7-17	0.020	6-17	# 2/12
MW-7	05/13/09	31.04	31.45	17	PVC	2	7-17	0.020	6-17	# 2/12
IW-1	05/12/09	31.66	31.90	15	SS	2	13-15	40 mesh	12-15	# 2/12

DRAFT

Notes:

Elevations provided in reference to North American Vertical Datum 1988

bgs	below ground surface
ft	feet
in	inches
PVC	polyvinylchloride
SS	stainless steel
NA	no available information

TABLE 2
Groundwater Elevation Data

Zimmerman Property
3442 Adeline Street
Oakland, CA

Well ID (Screen Interval)	Date Collected	Top of Casing Elevation (ft)	Depth to Water (ft)	Groundwater Elevation (ft)
MW-1 (7-17)	06/10/09	31.12	7.01	24.11
	08/27/09	31.12	6.96	24.16
	12/15/09	31.12	5.96	25.16
	03/12/10	31.12	5.06	26.06
	10/21/10	31.12	7.00	24.12
	05/05/11	31.12	5.88	25.24
	04/25/12	31.12	5.33	25.79
	12/12/12	31.12	5.35	25.77
	04/04/13	31.12	6.63	24.49
	04/30/14	31.12	5.42	25.70
	01/12/16	31.12	6.07	25.05
	07/22/16	31.12	8.85	22.27
	01/25/17	31.12	4.16	26.96
	06/13/17	31.12	6.37	24.75
	01/17/18	31.12	5.97	25.15
MW-2 (7-17)	06/10/09	31.19	9.50	21.69
	08/27/09	31.19	10.50	20.69
	12/15/09	31.19	8.68	22.51
	03/12/10	31.19	5.09	26.10
	10/21/10	31.19	7.51	23.68
	05/05/11	31.19	6.68	24.51
	04/25/12	31.19	5.58	25.61
	12/12/12	31.19	6.47	24.72
	04/04/13	31.19	7.56	23.63
	04/30/14	31.19	6.62	24.57
	01/13/16	31.19	7.06	24.13
	07/22/16	31.19	9.94	21.25
	01/25/17	31.19	4.27	26.92
	06/13/17	31.19	8.22	22.97
	01/17/18	31.19	7.27	23.92
MW-3 (7-17)	06/10/09	32.07	8.44	23.63
	08/27/09	32.07	8.59	23.48
	12/15/09	32.07	7.66	24.41
	03/12/10	Well inaccessible		
	10/21/10	Well inaccessible		
	07/22/16	32.07	9.98	22.09
	01/25/17	32.07	4.79	27.28
	06/13/17	32.07	7.74	24.33
	01/17/18	32.07	7.73	24.34

DRAFT

TABLE 2
Groundwater Elevation Data

Zimmerman Property
3442 Adeline Street
Oakland, CA

Well ID (Screen Interval)	Date Collected	Top of Casing Elevation (ft)	Depth to Water (ft)	Groundwater Elevation (ft)
MW-4 (7-17)	06/10/09	31.68	9.45	22.23
	08/27/09	31.68	10.29	21.39
	12/15/09	31.68	8.19	23.49
	03/12/10	31.68	5.45	26.23
	10/21/10	31.68	9.93	21.75
	05/05/11	31.68	6.60	25.08
	04/25/12	31.68	5.73	25.95
	12/12/12	31.68	6.21	25.47
	04/04/13	31.68	7.88	23.80
	04/30/14	31.68	6.92	24.76
	01/13/16	31.68	6.34	25.34
	07/22/16	31.68	10.50	21.18
	01/25/17	31.68	4.01	27.67
	06/13/17	31.68	7.94	23.74
	01/17/18	31.68	7.98	23.70
MW-5 (7-17)	06/10/09	30.39	9.13	21.26
	08/27/09	30.39	9.54	20.85
	12/15/09	30.39	8.33	22.06
	03/12/10	Well inaccessible		
	10/21/10	30.39	6.85	23.54
	05/05/11	30.39	3.25	27.14
	04/25/12	30.39	4.50	25.89
	12/12/12	30.39	5.43	24.96
	04/04/13	30.39	7.25	23.14
	04/30/14	Well inaccessible		
	01/12/16	30.39	5.65	24.74
	07/21/16	30.39	9.75	20.64
	01/25/17	30.39	3.08	27.31
	06/13/17	30.39	7.30	23.09
	01/17/18	30.39	8.87	21.52
MW-6 (7-17)	06/10/09	29.34	9.98	19.36
	08/27/09	29.34	11.84	17.50
	12/15/09	29.34	8.33	21.01
	03/12/10	29.34	4.66	24.68
	10/21/10	29.34	10.00	19.34
	05/05/11	29.34	5.59	23.75
	04/25/12	29.34	4.82	24.52
	12/20/12	29.34	5.23	24.11
	04/04/13	29.34	7.37	21.97
	04/30/14	29.34	5.89	23.45
	01/12/16	29.34	5.67	23.67
	07/21/16	29.34	10.40	18.94

DRAFT

TABLE 2
Groundwater Elevation Data

Zimmerman Property
3442 Adeline Street
Oakland, CA

Well ID (Screen Interval)	Date Collected	Top of Casing Elevation (ft)	Depth to Water (ft)	Groundwater Elevation (ft)
MW-6 (continued)	01/25/17	29.34	3.59	25.75
	06/13/17	29.34	7.42	21.92
	01/17/18	29.34	7.89	21.45
MW-7 (7-17)	06/10/09	31.04	6.53	24.51
	08/27/09	31.04	6.19	24.85
	12/15/09	31.04	5.71	25.33
	03/12/10	31.04	5.34	25.70
	10/21/10	31.04	6.59	24.45
	05/05/11	31.04	5.98	25.06
	04/25/12	31.04	5.71	25.33
	12/20/12	Well inaccessible		
	04/04/13	31.04	6.18	24.86
	04/30/14	31.04	6.29	24.75
	01/12/16	31.04	5.61	25.43
	07/21/16	31.04	7.36	23.68
	01/25/17	31.04	4.61	26.43
	06/13/17	31.04	6.00	25.04
	01/17/18	31.04	6.40	24.64
IW-1 (13-15)	06/10/09	31.66	7.65	24.01
	08/27/09	31.66	7.70	23.96
	12/15/09	31.66	10.99	20.67
	03/12/10	31.66	6.00	25.66
	10/21/10	31.66	9.35	22.31
	05/05/11	31.66	6.73	24.93
	04/25/12	31.66	8.05	23.61
	12/20/12	31.66	12.88	18.78
	04/04/13	31.66	12.81	18.85
	04/30/14	31.66	6.01	25.65
	01/12/16	31.66	6.33	25.33
	07/21/16	31.66	8.31	23.35
	01/25/17	31.66	5.48	26.18
	06/13/17	31.66	6.31	25.35
	01/17/18	31.66	8.02	23.64
BF-1	07/21/16	31.87	8.40	23.47
	01/25/17	31.87	4.56	27.31
	06/13/17	31.87	6.82	25.05
	01/17/18	31.87	6.67	25.20
BF-5	07/21/16	32.28	8.95	23.33
	01/25/17	32.28	5.12	27.16
	06/13/17	32.28	7.35	24.93
	01/17/18	32.28	7.12	25.16

DRAFT

TABLE 2
Groundwater Elevation Data

Zimmerman Property
3442 Adeline Street
Oakland, CA

Well ID (Screen Interval)	Date Collected	Top of Casing Elevation (ft)	Depth to Water (ft)	Groundwater Elevation (ft)

Notes:

Data from current reporting period
Elevations provided in feet above North American Vertical Datum 1988

DRAFT

TABLE 3
Summary of Groundwater Elevation and Flow

Zimmerman Property
3442 Adeline Street
Oakland, CA

Date	Average Water Table Elevation (ft)	Change from Previous Episode (ft)	Flow Direction (gradient) (ft/ft)
6/10/2009	22.40	----	West (0.019)
8/27/2009	21.85	-0.55	West (0.019)
12/15/2009	23.42	1.58	West (0.018)
3/12/2010	25.75	2.33	West (0.004)
10/21/2010	22.81	-2.94	North Northwest (0.041)
5/5/2011	25.13	2.32	West (0.01)
4/25/2012	25.52	0.38	West (0.01)
12/20/2012	25.01	-0.51	West (0.01)
4/4/2013	23.41	-1.60	West (0.01)
4/30/2014	24.62	1.21	West (0.01)
1/12-13/2016	24.55	-0.07	West (0.01)
7/21-22/2016	20.91	-3.64	West (0.01)
1/12 & 1/25/2017	26.98	6.07	West (0.01)
6/13/2017	23.98	-3.00	West (0.01)
1/17/2018	23.90	-0.08	Southwest (0.027)

Notes:
Data from current reporting period
Elevations provided in reference to North American Vertical Datum 1988

DRAFT

TABLE 4
Summary of Groundwater Monitoring Well Analytical Data

Zimmerman Property
3442 Adeline Street
Oakland, CA

Sample ID	Date	Depth to Water (ft)	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)
MW-1	04/17/09	7.01	220	97	10	<0.5	3.0	5.4	<5.0
	08/27/09	6.96	7,000	----	610	10	320	220	<180
	09/17/09	----	92	----	0.91	0.70	<0.5	<0.5	<15
	12/15/09	5.96	2500	----	170	6.4	66	120	<50
	03/12/10	5.06	500	----	4.0	1.1	0.6	0.7	<5.0
	10/21/10	7.00	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	05/05/11	5.88	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	04/25/12	5.33	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	12/20/12	5.35	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	04/04/13	6.63	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	04/30/14	5.42	83	----	<0.5	0.53	<0.5	<0.5	<5.0
	01/12/16	6.07	<50	----	<0.5	<0.5	<0.5	<1.5	<5.0
	07/22/16	8.85	<50	----	<0.5/0.5	<0.5	<0.5	<1.5	<5.0
	01/25/17	4.16	<50	----	<0.5/<0.5	<0.5/<0.5	<0.5/<0.5	<1.5/<0.5	<5.0/<0.5
	06/13/17	6.37	<50	----	<0.50/<0.50	<0.50/<0.50	<0.50/<0.50	<1.5/<0.50	<5.0/<0.50
	01/17/18	5.97	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50
MW-2	04/17/09	9.50	7,000	2,200	850	19	93	470	<100
	08/27/09	10.50	26,000	----	3,600	<25	1,200	3,000	<1,200
	12/15/09	8.68	25,000	----	2,900	70	1,500	2,400	<250
	03/12/10	5.69	7,300	----	590	7.0	6.4	680	<350
	10/21/10	7.51	1,900	----	140	1.4	28	140	<15
	05/05/11	6.68	27,000	----	2,300	13	1,700	2,600	<180
	04/25/12	5.58	9,600	----	440	8.8	260	920	<120
	12/20/12	6.47	2,900	----	63	2.6	21	85	<35
	04/04/13	7.56	7,900	----	960	10	380	690	<150
	04/30/14	6.62	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	01/13/16	7.06	330	----	97	<0.5	2.5	14	<5.0
	07/22/16	9.94	<50	----	1.9/2.0	<0.5	<0.5	<1.5	<5.0
	01/25/17	4.27	<50	----	1.4/1.1	<0.5/<0.5	0.56/<0.5	1.6/1.1	<5.0/<0.5
	06/13/17	8.22	<50	----	<0.50/<0.50	<0.50/<0.50	<0.50/<0.50	<1.5/<0.50	<5.0/<0.50
	01/17/18	7.27	<50	<50	0.68	<0.50	<0.50	<0.50	<0.50
MW-3	04/17/09	8.44	10,000	2,200	930	5.6	270	920	<110
	08/27/09	8.59	17,000	----	3,800	38	730	710	<250
	09/17/09	----	260	----	1.8	1.0	<0.5	2.1	<15
	10/14/09	----	1,800	----	220	13	37	130	<30
	12/15/09	7.66	4,900	----	890	13	160	130	<50
	03/12/10	Well inaccessible							
	10/21/10	Well inaccessible							
	07/22/16	9.98	16,000	----	4,800/5,100	28	52	42	<150
	01/25/17	4.79	7,300	----	1,900/1,500	17/<25	99/80	59/37	<200/<25
	06/13/17	7.74	11,000	----	2,300/2,200	<25/<50	110/96	<75/<50	<250/<50
	01/17/18	7.73	10,000	1,400	310	<10	<10	<10	<10

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TABLE 4
Summary of Groundwater Monitoring Well Analytical Data

Zimmerman Property
3442 Adeline Street
Oakland, CA

Sample ID	Date	Depth to Water (ft)	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)
MW-4	04/17/09	9.45	4,700	1,200	140	2.0	28	18	<30
	08/27/09	10.29	4,300	----	75	11	8.6	3.4	<25
	12/15/09	8.19	3,000	----	64	11	5.6	3.3	<15
	03/12/10	5.45	6,100	----	1,200	14	170	6.2	<35
	10/21/10	9.93	1,900	----	120	4.7	5.7	1.8	<15
	05/05/11	6.60	4,900	----	560	2.6	41	17	<25
	04/25/12	5.73	330	----	23	1.4	2.0	4.2	<5.0
	12/20/12	6.21	150	----	5.8	<0.5	<0.5	<0.5	<5.0
	04/04/13	7.88	1,000	----	30	4.6	0.61	0.65	<5.0
	04/30/14	6.92	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	01/13/16	6.34	<50	----	<0.5	<0.5	<0.5	<1.5	<5.0
	07/22/16	10.50	<50	----	<0.5/0.5	<0.5	<0.5	<1.5	<5.0
	01/25/17	4.01	<50	----	<0.5/<0.5	<0.5/<0.5	<0.5/<0.5	<1.5/<0.5	<5.0/<0.5
	06/13/17	7.94	<50	----	<0.50/<0.50	<0.50/<0.50	<0.50/<0.50	<1.5/<0.50	<5.0/<0.50
	01/17/18	7.98	<50	<50	1.2	<0.50	<0.50	<0.50	<0.50
MW-5	05/22/09	9.13	14,000	2,800	3,000	12	340	420	<100
	08/27/09	9.54	25,000	----	3,300	36	110	160	<400
	12/15/09	8.33	8,200	----	1,200	6.9	300	610	<250
	03/12/10	Well inaccessible							
	10/21/10	6.85	<50	----	1.3	<0.5	<0.5	<0.5	<5.0
	05/05/11	3.25	790	----	140	1.0	29	30	<20
	04/25/12	4.51	67	----	3.4	<0.5	1.4	0.83	<5.0
	12/20/12	5.43	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	04/04/13	7.25	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	04/30/14	Well inaccessible			----	----	----	----	----
	01/12/16	5.65	110	----	2.7	<0.5	<0.5	<1.5	<5.0
	07/21/16	9.75	<50	----	<0.5/0.5	<0.5	<0.5	<1.5	<5.0
	01/25/17	3.08	<50	----	<0.5/<0.5	<0.5/<0.5	<0.5/<0.5	<1.5/<0.5	<5.0/<0.5
	06/13/17	7.36	<50	----	<0.50/<0.50	<0.50/<0.50	<0.50/<0.50	<1.5/<0.50	<5.0/<0.50
	01/17/18	8.87	650	67	160	<2.5	<2.5	<2.5	<2.5
MW-6	04/17/09	9.98	5,600	1,000	210	3.0	180	160	<300
	08/27/09	11.84	2,200	----	98	7.9	20	1.1	<120
	12/15/09	8.59	4,700	----	370	6.9	260	300	<250
	03/12/10	4.66	9,300	----	210	12	250	110	<90
	10/21/10	10.00	380	----	35	1.2	4.6	3.8	<5.0
	05/05/11	5.59	7,000	----	80	2.9	120	28	<75
	04/25/12	4.82	7,400	----	99	11.0	100	27	<150
	12/20/12	5.23	5,500	----	81	3.1	78	16	<50
	04/04/13	7.37	5,300	----	76	5.7	50	12	<70
	04/30/14	5.89	670	----	12	2.4	2.3	0.77	<5.0
	01/12/16	5.67	63	----	1.8	<0.5	<0.5	<1.5	<5.0
	07/21/16	10.40	<50	----	<0.5/0.5	<0.5	<0.5	<1.5	<5.0
	01/25/17	3.59	<50	----	<0.5/<0.5	<0.5/<0.5	<0.5/<0.5	<1.5/<0.5	<5.0/<0.5
	06/13/17	7.42	330	----	1.4/0.87	<0.50/<0.50	2.3/2.2	<1.5/<0.50	<5.0/<0.50
	01/17/18	7.89	1,700	280	15	0.88	3.5	1.1	<0.50

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TABLE 4
Summary of Groundwater Monitoring Well Analytical Data

Zimmerman Property
3442 Adeline Street
Oakland, CA

Sample ID	Date	Depth to Water (ft)	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)
MW-7	04/17/09	6.53	12,000	3,700	1,000	37	100	36	<120
	08/27/09	6.19	12,000	----	550	30	130	33	<100
	12/15/09	5.71	9,600	----	620	26	140	20	<100
	03/12/10	5.34	10,000	----	850	33	87	28	<25
	10/21/10	6.59	7,900	----	1,100	22	44	21	<180
	05/05/11	5.98	9,300	----	690	23	42	21	<200
	04/25/12	5.71	8,600	----	1,000	31	10	20	<75
	12/20/12	Well inaccessible							
	04/04/13	6.18	12,000	----	2,800	51	96	37	<210
	04/30/14	6.29	220	----	39	0.75	0.53	<0.5	<5.0
	01/12/16	5.61	1,800	----	400	6.8	9.7	7.6	31
	07/21/16	7.36	6,700	----	1,400/1,400	29	36	28	<400
	01/25/17	4.61	3,200	----	190/140	8.0/5.1	7.2/7.0	11/6.7	<150/<5.0
	06/13/17	6.00	10,000	----	1,900/1,800	46/<25	180/120	85/52	<250/<25
	01/17/18	6.40	10,000	1,400	870	<25	<25	<25	<25
IW-1	05/22/09	7.65	1,200	680	58	2.7	2.3	18	<15
	08/27/09	7.70	160	----	4.1	0.5	0.8	1.6	<5.0
	09/17/09	----	300	----	8.0	1.5	1.4	0.85	<5.0
	12/15/09	10.99	220	----	5.4	1.4	0.65	0.7	<5.0
	03/12/10	6.00	<50	----	1.9	<0.5	<0.5	<0.5	<5.0
	10/21/10	9.35	<50	**----**	<0.5	<0.5	<0.5	<0.5	<5.0
	05/05/11	6.73	<50	**----**	<0.5	<0.5	<0.5	<0.5	<5.0
	04/25/12	8.05	<50	**----**	0.91	<0.5	<0.5	0.57	<5.0
	12/20/12	12.88	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	04/04/13	12.81	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	04/30/14	6.01	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	01/12/16	6.33	<50	----	<0.5	<0.5	<0.5	<1.5	<5.0
	07/21/16	6.33	<50	----	<0.5/0.5	<0.5	<0.5	<1.5	<5.0
	01/25/17	5.48	<50	----	<0.5/<0.5	<0.5/<0.5	<0.5/<0.5	<1.5/<0.5	<5.0/<0.5
	06/13/17	6.31	<50	----	<0.50/<0.50	<0.50/<0.50	<0.50/<0.50	<1.5/<0.50	<5.0/<0.50
	01/17/18	8.02	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50
BF-1	03/27/09	----	19,000	----	890	27	460	1,200	<250
	06/17/09	----	6,700	----	840	19	170	150	<150
	08/10/09	----	11,000	----	710	14	440	290	<120
	08/27/09	----	9,600	----	590	14	350	220	<90
	09/13/09	----	<50	----	1.2	<0.5	<0.5	<0.5	<5.0
	10/14/09	----	2,400	----	83	1.9	5.0	120	<10
	12/11/09	6.70	200	----	12	<0.5	2.2	9.6	<5.0
	03/12/10	5.61	<50	----	2.9	<0.5	<0.5	<0.5	<0.5
	10/21/10	7.95	560	----	68	1.5	6.7	25	<5.0
	05/05/11	6.25	<50	----	0.65	<0.5	<0.5	<0.5	<5.0
	04/25/12	5.85	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	12/20/12	5.82	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	04/04/13	6.78	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	04/30/14	5.36	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	01/12/16	6.58	<50	----	<0.5	<0.5	<0.5	<1.5	<5.0
	07/22/16	8.40	<50	----	<0.5/0.5	<0.5	<0.5	<1.5	<5.0
	01/25/17	4.56	<50	----	<0.5/<0.5	<0.5/<0.5	<0.5/<0.5	<1.5/<0.5	<5.0/<0.5
	06/13/17	6.82	<50	----	<0.50/<0.50	<0.50/<0.50	<0.50/<0.50	<1.5/<0.50	<5.0/<0.50
	01/17/18	6.67	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50

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TABLE 4
Summary of Groundwater Monitoring Well Analytical Data

Zimmerman Property
3442 Adeline Street
Oakland, CA

Sample ID	Date	Depth to Water (ft)	TPH-g (µg/L)	TPH-d (µg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)
BF-5	08/27/09	----	170	----	32	0.55	4.2	220	<25
	10/14/09	----	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	12/11/09	7.25	130	**----**	40	<0.5	0.91	<0.5	<5.0
	03/12/10	6.09	<50	**----**	4.3	<0.5	0.91	<0.5	<5.0
	10/21/10	8.62	80	**----**	8.8	<0.5	1.4	4.5	<5.0
	05/05/11	6.75	<50	**----**	<0.5	<0.5	<0.5	<0.5	<5.0
	04/25/12	6.37	<50	**----**	<0.5	<0.5	<0.5	<0.5	<5.0
	12/20/12	6.33	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	04/04/13	7.25	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	04/30/14	5.83	<50	----	<0.5	<0.5	<0.5	<0.5	<5.0
	01/12/16	7.09	<50	----	<0.5	<0.5	<0.5	<1.5	<5.0
	07/22/16	8.95	<50	----	<0.5/0.5	<0.5	<0.5	<1.5	<5.0
	01/25/17	5.12	<50	----	<0.5/<0.5	<0.5/<0.5	<0.5/<0.5	<1.5/<0.5	<5.0/<0.5
	06/13/17	7.35	<50	----	<0.50/<0.50	<0.50/<0.50	<0.50/<0.50	<1.5/<0.50	<5.0/<0.50
	01/17/18	7.12	<50	<50	<0.50	<0.50	<0.50	<0.50	<0.50

Notes:

µg/L	micrograms of analyte per liter of sample
	Data from current reporting period
MTBE	methyl tert-butyl ether
TPH-d	total petroleum hydrocarbons as diesel
TPH-g	total petroleum hydrocarbons as gasoline
---	No Data

190 / 140 Sample analyzed by US EPA Methods 8021 and 8260B

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TABLE 5
Summary of Grab Groundwater Analytical Data

Zimmerman Property
3442 Adeline Street
Oakland, CA

Sample ID	Date	TPH-g	TPH-d	Benzene	Toluene	Ethyl-Benzene	Xylenes	MTBE	TAME	ETBE	TBA	DIPE
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Pit Water	02/22/00	7,400	34,000	3,300	930	400	6,200	---	---	---	---	---
S-1	6/23/06	20,000	<10,000	980	70	1,500	1,100	---	---	---	---	---
S-2	6/23/06	31,000	<4,000	7,000	260	920	2,800	---	---	---	---	---
S-3	6/23/06	23,000	<1,500	490	67	1,200	3,300	---	---	---	---	---
S-4	6/23/06	120,000	<40,000	200	<15	3,500	2,900	---	---	---	---	---
SB-1	10/1/2007	28,000	6,100	2,000	77	1,600	4,100	<25	<25	<25	<250	<25
SB-2	10/1/2007	640	300	1.8	2.2	1.1	4.9	<0.5	<0.5	<0.5	<5.0	<0.5
SB-3	10/1/2007	84	<50	2.4	<0.5	4.2	11	<0.5	<0.5	<0.5	<5.0	<0.5
SB-4	10/1/2007	20,000	2,200	6,600	110	390	430	<17	<17	<17	430	<17
SB-5	10/1/2007	22,000	7,400	1,900	86	1,200	2,100	<5.0	<5.0	<5.0	120	<5.0
SB-6	10/1/2007	440	---	17	<0.5	0.99	2.2	2.0	<0.5	<0.5	18	<0.5
SB-7	10/3/2007	2,000	1,000	30	5.1	56	82	6.1	<0.5	<0.5.	<5.0	<0.5
SB-8	10/3/2007	6,700	1,600	110	6.3	160	140	<0.5	<0.5	<0.5	12	<0.5
SB-9	10/3/2007	11,000	5,700	440	14	720	1,000	<1.7	<1.7	<1.7	37	<1.7
SB-10	10/3/2007	17,000	1,700	3,800	55	420	830	<10	<10	<10	510	11

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TABLE 5
Summary of Grab Groundwater Analytical Data
Zimmerman Property
3442 Adeline Street
Oakland, CA

Sample ID	Date	TPH-g	TPH-d	Benzene	Toluene	Ethyl-Benzene	Xylenes	MTBE	TAME	ETBE	TBA	DIPE
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
SB-11	10/3/2007	83,000	4,300	10,000	640	2,700	7,900	<25	<25	<25	840	<25
SB-12	12/20/2007	35,000	4,900	5,200	110	1,000	1,800	<450	---	---	---	---
SB-13	12/20/2007	29,000	5,100	5,300	80	1,400	3,900	<250	---	---	---	---
SB-14	12/20/2007	23,000	12,000	2,600	15	1,500	1,800	<240	---	---	---	---
SB-15	12/20/2007	36,000	3,000	7,700	190	1,600	4,700	<350	---	---	---	---
SB-16	12/20/2007	88	480	0.60	<0.5	<0.5	0.83	<5.0	---	---	---	---
SB-17	12/20/2007	1,100	320	<0.5	6.2	<0.5	4.2	<5.0	---	---	---	---
SB-18	12/20/2007	<50	1,800	<0.5	<0.5	<0.5	<0.5	<5.0	---	---	---	---
SB-19	12/20/2007	<50	280	<0.5	<0.5	<0.5	<0.5	<5.0	---	---	---	---
SB-20	12/20/2007	28,000	3,900	3,400	22	1,200	930	<160	---	---	---	---
SB-21	12/21/2007	8,100	1,200	1,600	<5.0	160	84	<50	---	---	---	---
SB-22	12/21/2007	2,600	620	110	0.90	150	55	<10	---	---	---	---
SB-23	5/14/2008	46,000	4,800	9,000	40	2,300	5,200	<450	---	---	---	---
SB-24	5/14/2008	11,000	2,900	80	<5.0	440	290	<50	---	---	---	---
SB-25	5/9/2008	3,600	1,300	42	1.90	65	36	<5.0	---	---	---	---

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TABLE 5
Summary of Grab Groundwater Analytical Data

Zimmerman Property
3442 Adeline Street
Oakland, CA

Sample ID	Date	TPH-g	TPH-d	Benzene	Toluene	Ethyl-Benzene	Xylenes	MTBE	TAME	ETBE	TBA	DIPE
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
SB-26	5/14/2008	2,300	770	22	2.1	<1.0	2.4	<10	---	---	---	---
SB-27	5/14/2008	740	180	7.4	3.70	<0.5	1.0	<5.0	---	---	---	---
SB-28	5/16/2008	290	72	1.3	0.93	2.7	4.0	<5.0	---	---	---	---
SB-29	5/16/2008	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	---	---	---	---
SB-30	5/14/2008	<50	<50	<0.5	<0.5	<0.5	<0.5	<5.0	---	---	---	---
SB-31	5/14/2008	5,100	770	270	6.3	79	7.2	<110	---	---	---	---
VB-4	6/13/2017	2,200	710	17	1.1	4.0	1.7	<5.0	<5.0	<5.0	11	<5.0
VB-5	6/13/2017	5,000	4,400	91	<5.0	93	25	<5.0	<5.0	<5.0	<20	<5.0
VB-17	6/13/2017	4,100	1,400	6.0	<0.50	18	1.4	<0.50	<0.50	<0.50	<2.0	<0.50
VB-18	6/13/2017	160	260	<0.50	<0.50	3.0	0.9	<0.50	<0.50	<0.50	<2.0	<0.50
VB-19	6/13/2017	9,500	2,200	83	<5.0	40	<5.0	<5.0	<5.0	<5.0	<20	<5.0
VB-20	6/13/2017	200	65	5.7	5.6	0.72	1.1	<0.50	<0.50	<0.50	13	<0.50
VB-21	6/13/2017	29,000	24,000	600	<25	150	<25	<25	<25	<25	<100	<25

Notes:

µg/L	micrograms of analyte per liter of sample	TAME	tert-amyl methyl ether	TPH-g	total petroleum hydrocarbons as gasoline
DIPE	Di-isopropyl Ether	TBA	tertiary butyl alcohol	MTBE	methyl tert-butyl ether
ETBE	ethyl tert-butyl ether	TPH-d	total petroleum hydrocarbons as diesel	---	No Data

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TABLE 6
Summary of Soil Vapor Analytical Data
Zimmerman Property
3442 Adeline Street
Oakland, CA 94608

Boring	Date	TPH-g µg/m^3	Benzene µg/m^3	Toluene µg/m^3	Ethyl-benzene µg/m^3	Xylenes µg/m^3	MTBE µg/m^3	Naphthalene µg/m^3	Oxygen %	Carbon Monoxide %	Carbon Dioxide %	Methane %	Leak Check Result
VB-1	10/1/2007	1,900	130	35	<8.8	<27	<48	---	---	---	---	---	NL
VB-2	10/1/2007	3,100	32	42	11	50	<48	---	---	---	---	---	NL
VB-3	10/1/2007	2,500	40	42	16	49	<48	---	---	---	---	---	NL
VB-4	6/22/2017	17,700,000	<51.1*	---	---	---	---	<83	5.24	---	4.22	2.37	NL
	1/18/2018	66,700,000	4,220	5,110	2,700	<5200	<1,440	<83	10.9 B	---	3.04	0.815	<2.06%
VB-5	6/19/2017	16,300	9.61	25.8	23.6	124.4	<1.44	<83	10.7	---	2.87	<0.400	<0.04%
	1/18/2017	1,690	<1.28	<1.51	<1.73	<5.20	<1.44	<83	13.5	---	3.18	<0.400	<1.43%
VB-7	10/14/2016	17,900	206	1,090	148	636	<18	<25	12.8	<2.00	0.65	<0.400	4.0%
	6/15/2017	2,060	3.47	<1.51	<1.73	<5.20	<1.44	<83	10.9	---	2.39	<0.400	1.0%
	1/17/2018	1,160	<1.28	<1.51	<1.73	<5.20	<1.44	<83	16.9	---	0.877	<0.400	<1.1%
VB-8	10/14/2016	1,770	48.0	287	25.3	119.4	<1.44	<6.60	13.6	<2.00	1.55	<0.400	0.6%
VB-9	10/14/2016	4,690,000	<294 *	<1,510	<347	<1,041	<288	<25 Q	<2.00	<2.00	10.9	0.806	<0.04%
	6/15/2017	7,910,000	<118 *	847	385	1,038	169	<83	3.81	---	4.76	<0.400	<0.04%
	1/17/2018	8,850,000	6,190	<1,510	<1,730	<5200	<1,440	<83	12.6 B	---	4.23	<0.400	<1.5%
VB-10	10/14/2016	34,500	573	827	77.3	87.7	<18	<25	3.40	<2.00	3.93	<0.400	4.8%
	6/15/2017	4,920	<1.28	12.3	3.35	14.69	<1.44	<83	13.5	---	2.37	<0.400	0.6%
	1/17/2018	4,660	<2.56	<3.01	<3.47	<10.41	<2.88	<83	15.5	---	2.37	<0.400	<1.83%
VB-11	10/14/2016	3,420	44.4	343	62.3	272.5	<1.44	<6.6	7.81	<2.00	1.83	<0.400	1.5%
VB-12	10/14/2016	1,490,000	15,400	<603	<694	<2,084	<577	<25 Q	<2.00	<2.00	13.6	0.416	<0.05%
	6/15/2017	1,740,000	1,280	231	311	1,288	<21.1	<83	2.85	---	9.72	<0.400	<0.03%
	1/17/2018	1,850,000	958	<603	728	<2,084	<577	<83	13.9	---	3.43	<0.400	<0.94%
VB-12DUP	1/17/2018	2,370,000	1,130	<603	<694	<2,084	<577	<83	11.7 B	---	5.63	<0.800	<0.94%
VB-13	10/14/2016	15,900	197	855	73.6	322.7	<1.44	<6.6	13.6	<2.00	<0.500	<0.400	6.0%

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TABLE 6
Summary of Soil Vapor Analytical Data

Zimmerman Property
3442 Adeline Street
Oakland, CA 94608

Boring	Date	TPH-g µg/m^3	Benzene µg/m^3	Toluene µg/m^3	Ethyl-benzene µg/m^3	Xylenes µg/m^3	MTBE µg/m^3	Naphthalene µg/m^3	Oxygen %	Carbon Monoxide %	Carbon Dioxide %	Methane %	Leak Check Result
VB-14	10/14/2016	10,300	157	605	63.1	270.2	<1.44	<6.6	10.9	<2.00	2.35	<0.400	4.7%
	1/17/2018	27,500	<6.39	<7.53	<8.67	<25.97	<7.21	---	16.5	---	<0.500	<0.400	<1.65%
VB-15	10/14/2016	406,000	<51.1	<60.3	<69.4	<208	95.1	<25 Q	2.09	<2.00	10.4	<0.400	1.2%
VB-16	10/14/2016	30,000	106	1,010	116	538	<18	<6.6	11.1	<2.00	2.97	<0.400	4.5%
	6/19/2017	2,330	1.64	4.91	<1.73	7.79	<0.400	<83	14.1	---	<0.500	<0.400	<0.04%
	1/17/2018	1,280	<1.28	<1.51	<1.73	<5.20	<1.44	<83	14.5	---	2.52	<0.400	<1.57%
VB-17	6/15/2017	22,700	27.2	55.3	13.6	52.7	<1.44	<83	8.82	---	3.14	<0.400	0.6%
	1/17/2018	192,000	<2.56	4.01	<3.47	9.98	<2.88	<83	14.9	---	1.56	<0.400	<0.62%
VB-18	6/15/2017	1,510	1.94	8.60	<1.73	6.63	<1.44	<83	4.71	---	4.36	<0.400	0.8%
	1/17/2018	2,740	<1.28	<1.51	<1.73	<5.20	<1.44	<83	15.2	---	2.20	<0.400	<1.83%
VB-19	6/19/2017	2,424	2.49	29.4	5.82	48.6	<1.44	<83	13.6	---	1.04	<0.400	<0.04%
VB-20	6/15/2017	3,380	7.86	50.8	6.23	38.28	<0.400	<83	11.7	---	3.58	<0.400	0.5%
	1/18/2018	<413	<1.28	<1.51	<1.73	<5.20	<1.44	<83	16.9	---	1.45	<0.400	<1.94%
VB-21	6/15/2017	9,590	81.7	644	56.7	272.6	<1.44	<83	14.7	---	<0.500	<0.400	0.2%
	1/17/2018	1,960	<1.28	<1.51	<1.73	<5.20	<1.44	<83	17.7	---	<0.500	<0.400	<0.76%
VB-22	6/15/2017	6,580	26.7	7.43	1.93	<5.20	<1.44	<83	7.13	---	1.76	<0.400	0.6%
	1/17/2018	832 B	<1.28	<1.51	<1.73	<5.20	<1.44	<83	17.5	---	<0.500	<0.400	<1.5%

Notes:

	Analytical data from the current reporting period	µg/m^3	micrograms of analyte per cubic meter of sample under standard conditions
---	No Data	MTBE	methyl tert-butyl ether
(a)	Results determined using a field Helium meter	NL	Non-helium leak check compounds were not reported as present
(b)	isopropyl alcohol used as a leack check compound	**Q**	The internal standard associated with the analyte exceeded acceptable limits
(c)	1,1-difluoroethane used as a leack check compound	**B**	The same analyte is found in the associated blank
*	Analyte reported at the method detection limit	TPH-g	total petroleum hydrocarbons as gasoline
% Leak	Ratio of the concentration of the leak check compound in the shroud to the concentraiton of the leak check compound in the sample		
	Soil vapor samples collected from probes at an approximate depth of 5 feet below ground surface.		

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APPENDIX A

FIELD DATA SHEETS

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WELL GAUGING DATA

Project # 180117-DL1 Date 1/17/18 Client AEI

Site 3442 Adeline Rd Oakland

Well ID	Time	Well Size (in.)	Sheen / Odor	Depth to Immiscible Liquid (ft.)	Thickness of Immiscible Liquid (ft.)	Volume of Immiscibles Removed (ml)	Depth to water (ft.)	Depth to well bottom (ft.)	Survey Point: TOB or TOC	Notes
MW-7	0845	2					6.40	16.55		
IW-1	0850	2					8.02	15.30		
BF-5	0900	4					7.12	13.23		
MW-1	0855	4					5.97	16.94		
BF-1	0905	4					6.67	12.65		
MW-3	1005	4					7.73	17.30		
MW-4	1000	2					7.98	17.32		
MW-6	0853	2					7.89	17.26		
MW-5	0918	2					8.87	13.21		
~~MW-4~~	~~1000~~	~~2~~ DUP								
MW-2	0942	4					7.27	17.20		
~~MW-3~~	~~1005~~	~~4~~ DUP								

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LOW FLOW WELL MONITORING DATA SHEET

Project #: 180117-DL1	Client: AEI
Sampler: JS	Start Date: 1/17/18
Well I.D.: BF-1	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 12.65	Depth to Water Pre: 6.67 Post: 6.70
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	Flow Cell Type: YSI Pro Plus

Purge Method: 2" Grundfos Pump (Peristaltic Pump) Bladder Pump

Sampling Method: (Dedicated Tubing) New Tubing Other ____

Flow Rate: 100 mL/min

Pump Depth: 8'

Start @ 1247 Time	Temp. (°C or °F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or (mL))	DTW / Observations
1250	19.1	6.71	1362	1	0.99	125.6	300	6.67 / No Color No ODOR
1253	19.1	6.70	1365	1	0.91	125.2	600	6.67 / "
1256	19.1	6.69	1366	1	0.59	123.3	9000	6.69 / "
1259	19.1	6.69	1366	1	0.30	121.5	1200	6.70 / "
1302	19.0	6.68	1368	1	0.13	120.9	1500	6.70 / "
1305	19.0	6.67	1367	1	0.12	120.1	1800	6.70 / "
1308	19.0	6.67	1368	1	0.11	119.2	2100	6.70 / "

Did well dewater? Yes (No)	Amount actually evacuated: 2100 mL
Sampling Time: 1309	Sampling Date: 1/17/18
Sample I.D.: BF-1	Laboratory: McCampbell
Analyzed for: TPH-G BTEX MTBE TPH-D	(Other:) See COC
Equipment Blank I.D.: @ Time	Duplicate I.D.:

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LOW FLOW WELL MONITORING DATA SHEET

Project #: 180117-DL1	Client: AEI
Sampler: JS	Start Date: 1/17/18
Well I.D.: BF-5	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 13.23	Depth to Water Pre: 7.12 Post: 7.14
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	Flow Cell Type: YSI Pro Plus

Purge Method: 2" Grundfos Pump (Peristaltic Pump) Bladder Pump
Sampling Method: (Dedicated Tubing) New Tubing Other ____

Flow Rate: 100 mL/min Pump Depth: 10'

Start @ 1127 Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW / Observations
1130	19.3	6.43	1479	100	2.29	17.1	300	7.14 / No Color No Odor
1133	19.3	6.44	1457	84	1.60	15.2	600	7.14 / "
1136	19.3	6.46	1451	61	1.36	16.5	900	7.14 / "
1139	19.3	6.52	1436	22	0.62	22.4	1200	7.14 / "
1142	19.3	6.54	1433	21	0.60	22.9	1500	7.14 / "
1145	19.3	6.54	1430	20	0.57	23.6	1800	7.14 / "

Did well dewater? Yes (No) Amount actually evacuated: 1800 mL

Sampling Time: 1146 Sampling Date: 1/17/18

Sample I.D.: BF-5 Laboratory: McCampbell

Analyzed for: TPH-G BTEX MTBE TPH-D (Other): See COC

Equipment Blank I.D.: @ Time Duplicate I.D.:

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LOW FLOW WELL MONITORING DATA SHEET

Project #: 160117-DL1	Client: AEI
Sampler: JS	Start Date: 1/17/18
Well I.D.: MW-1	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 16.94	Depth to Water Pre: 5.97 Post: 6.18
Depth to Free Product: —	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI Pro Plus

Purge Method: 2" Grundfos Pump (Peristaltic Pump) Bladder Pump

Sampling Method: (Dedicated Tubing) New Tubing Other ____

Flow Rate: 100 mL/min Pump Depth: 7'

Start @1206 Time	Temp. (°C or °F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or (mL))	DTW / Observations
1209	18.6	6.64	1181	9	4.13	171.9	300	6.01 / No color No odor
1212	18.6	6.65	1182	7	3.72	168.4	600	6.04 / No color No odor
1215	18.6	6.65	1181	5	3.59	167.3	900	6.04 / "
1218	18.7	6.65	1181	5	3.26	162.8	1200	6.08 / "
1221	18.7	6.65	1179	4	3.22	160.4	1500	6.10 / "
1224	18.7	6.64	1177	4	3.19	159.9	1800	6.18 / "

Did well dewater? Yes (No) Amount actually evacuated: 1800 mL

Sampling Time: 1225 Sampling Date: 1/17/18

Sample I.D.: MW-1 Laboratory: McCampbell

Analyzed for: TPH-G BTEX MTBE TPH-D (Other): See COC

Equipment Blank I.D.: @ Time Duplicate I.D.:

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LOW FLOW WELL MONITORING DATA SHEET

Project #: 180117-DL1	Client: AET
Sampler: DL	Start Date: 1/17/18
Well I.D.: MW-2	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 17.20	Depth to Water Pre: 7.27 Post: 7.46
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI Pro Plus

Purge Method: 2" Grundfos Pump ~~Peristaltic Pump~~ Bladder Pump

Sampling Method: ~~Dedicated Tubing~~ New Tubing Other ____

Flow Rate: 100 mL/min Pump Depth: 15'

@1254 Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW / Observations
1257	17.9	6.27	651	8	0.91	29.0	300	7.29
1300	18.1	6.31	653	4	0.76	32.7	600	7.31
1303	18.2	6.30	643	3	0.57	35.9	900	7.33
1306	18.2	6.30	640	3	0.51	37.7	1200	7.35
1309	18.3	6.30	640	2	0.50	38.0	1500	7.38
1312	18.3	6.30	639	2	0.50	39.1	1800	7.40

Did well dewater? Yes (No)	Amount actually evacuated: 1800
Sampling Time: 1320	Sampling Date: 1/17/18
Sample I.D.: MW-2	Laboratory: MCCampbell
Analyzed for: TPH-G BTEX MTBE TPH-D	Other: See CoC
Equipment Blank I.D.: @ Time	Duplicate I.D.:

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LOW FLOW WELL MONITORING DATA SHEET

Project #: 180117-D21	Client: AEI
Sampler: DL	Start Date: 1/17/18
Well I.D.: MW-3	Well Diameter: 2 3 (4) 6 8 ____
Total Well Depth: 17.30	Depth to Water Pre: 7.73 Post: 7.92
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI Pro Plus

Purge Method: 2" Grundfos Pump ~~Peristaltic Pump~~ Bladder Pump

Sampling Method: ~~Dedicated Tubing~~ New Tubing Other ____

Flow Rate: 100 mL/min Pump Depth: 15'

@1217 Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW / Observations
1220	18.6	6.66	1149	4	0.47	-87.2	300	7.73
1223	18.9	6.70	1193	2	0.31	-92.3	600	7.76
1226	18.9	6.71	1203	2	0.23	-93.8	900	7.80
1229	19.0	6.71	1205	2	0.22	-96.7	1200	7.84
1232	19.0	6.71	1204	2	0.21	-97.0	1500	7.87
1235	19.0	6.71	1204	2	0.21	-96.9	1800	7.92

Did well dewater? Yes (No) Amount actually evacuated: 1800

Sampling Time: 1240 Sampling Date: 1/17/18

Sample I.D.: MW-3 Laboratory: McCampbell

Analyzed for: TPH-G BTEX MTBE TPH-D Other: See CoC

Equipment Blank I.D.: @ Time Duplicate I.D.:

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LOW FLOW WELL MONITORING DATA SHEET

Project #: 180117-DL1	Client: AEI
Sampler: DL	Start Date: 1/17/18
Well I.D.: MW-4	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 17.32	Depth to Water Pre: 7.98 Post: 8.15
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI Pro Plus

Purge Method: 2" Grundfos Pump ~~Peristaltic Pump~~ Bladder Pump

Sampling Method: ~~Dedicated Tubing~~ New Tubing Other ____

Flow Rate: 100 mL/min Pump Depth: 15'

@1143 Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW / Observations
1146	17.5	6.19	526	18	0.86	65.0	300	7.98
1149	17.9	6.15	521	14	0.70	71.8	600	8.01
1152	18.1	6.14	502	11	1.60	76.0	900	8.05
1155	18.1	6.15	477	9	3.44	88.2	1200	8.09
1158	18.1	6.15	476	9	3.40	89.9	1500	8.12
1201	18.1	6.15	473	8	3.36	90.7	1800	8.15

Did well dewater? Yes (No) Amount actually evacuated: 1800

Sampling Time: 1210 Sampling Date: 1/17/18

Sample I.D.: MW-4 Laboratory: MCCampbell

Analyzed for: TPH-G BTEX MTBE TPH-D Other: See COC

Equipment Blank I.D.: @ Time Duplicate I.D.:

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LOW FLOW WELL MONITORING DATA SHEET

Project #: 180117-DL1	Client: AEI
Sampler: DL	Start Date: 1/17/18
Well I.D.: MW-5	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 13.21	Depth to Water Pre: 8.87 Post: 8.97
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: PVC Grade	Flow Cell Type: YSI Pro Plus

Purge Method: 2" Grundfos Pump ~~Peristaltic Pump~~ Bladder Pump

Sampling Method: ~~Dedicated Tubing~~ New Tubing Other ____

Flow Rate: 100 ml/min Pump Depth: 12'

@1102 Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW / Observations
1105	15.6	6.66	1128	19	0.59	37.8	~~6.8~~ 300	8.87
1108	15.6	6.68	1138	19	0.52	35.8	600	8.90
1111	15.7	6.69	1146	20	0.46	34.0	900	8.92
1114	15.7	6.70	1151	20	0.40	33.2	1200	8.94
1117	15.8	6.70	1152	19	0.39	32.8	1500	8.95
1120	15.7	6.71	1156	19	0.38	31.5	1800	8.97

Did well dewater? Yes (No) Amount actually evacuated: 1800

Sampling Time: 1125 Sampling Date: 1/17/18

Sample I.D.: MW-5 Laboratory: MCCampbell

Analyzed for: TPH-G BTEX MTBE TPH-D Other: See Coc

Equipment Blank I.D.: @ Time Duplicate I.D.:

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LOW FLOW WELL MONITORING DATA SHEET

Project #: 180117-DLI	Client: AEI
Sampler: DL	Start Date: 1/17/18
Well I.D.: MW-6	Well Diameter: (2) 3 4 6 8 ____
Total Well Depth: 17.26	Depth to Water Pre: 7.89 Post: 7.94
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI Pro Plus

Purge Method: 2" Grundfos Pump (Peristaltic Pump) Bladder Pump

Sampling Method: (Dedicated Tubing) New Tubing Other ____

Flow Rate: 100 ml/min

Pump Depth: 15'

@1025 Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW / Observations
1028	16.3	6.60	717	12	1.05	-26.7	300	7.89
1031	16.4	6.64	721	10	0.78	-34.1	600	7.89
1034	16.5	6.66	720	10	0.65	-36.5	900	7.90
1037	16.6	6.67	717	8	0.51	-38.5	1200	7.91
1040	16.6	6.67	716	8	0.50	-38.8	1600	7.93
1043	16.6	6.66	715	7	0.49	-38.8	1800	7.94

Did well dewater? Yes (No) Amount actually evacuated: 1800

Sampling Time: 1050 Sampling Date: 1/17/18

Sample I.D.: MW-6 Laboratory: MCCampbell

Analyzed for: TPH-G BTEX MTBE TPH-D Other: See COC

Equipment Blank I.D.: @ Time Duplicate I.D.:

DRAFT

LOW FLOW WELL MONITORING DATA SHEET

Project #: 180117-DL1	Client: AEI
Sampler: JS	Start Date: 1/17/18
Well I.D.: MW-7	Well Diameter: (2) 3 4 6 8 ___
Total Well Depth: 16.55	Depth to Water Pre: 6.40 Post: 6.57
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: (PVC) Grade	Flow Cell Type: YSI Pro Plus

Purge Method: 2" Grundfos Pump (Peristaltic Pump) Bladder Pump
Sampling Method: (Dedicated Tubing) New Tubing Other ___

Flow Rate: 100 mL/min Pump Depth: 8'

Start @ 1041 Time	Temp. (°C or °F)	pH	Cond. (mS or (µS))	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or (mL))	DTW / Observations
1044	19.1	6.47	1533	40	2.12	-63.7	300	6.44 / No Color No Odor
1047	18.9	6.38	1531	33	1.66	-74.8	600	6.49 / "
1050	18.9	6.39	1501	26	0.88	-85.4	900	6.51 / "
1053	18.9	6.43	1463	24	0.56	-94.3	1200	6.54 / "
1056	18.9	6.45	1458	24	0.54	-97.9	1500	6.55 / "
1059	19.0	6.48	1447	22	0.52	-101.9	1800	6.57 / "

Did well dewater? Yes (No) Amount actually evacuated: 1800 mL

Sampling Time: 1100 Sampling Date: 1/17/18

Sample I.D.: MW-7 Laboratory: McCampbell

Analyzed for: TPH-G BTEX MTBE TPH-D (Other): See COC

Equipment Blank I.D.: @ Time Duplicate I.D.:

DRAFT

LOW FLOW WELL MONITORING DATA SHEET

Project #: 180117-DL1	Client: AEI
Sampler: JS	Start Date: 1/17/18
Well I.D.: IW-1	Well Diameter: 2 3 4 6 8 ____
Total Well Depth: 15.30	Depth to Water Pre: 8.02 Post: 8.21
Depth to Free Product: —	Thickness of Free Product (feet): —
Referenced to: PVC Grade	Flow Cell Type: YSI Pro Plus

Purge Method: 2" Grundfos Pump Peristaltic Pump Bladder Pump

Sampling Method: Dedicated Tubing New Tubing Other ____

Flow Rate: 100 mL/min Pump Depth: 10'

Start @ 1013 Time	Temp. (°C or °F)	pH	Cond. (mS or µS)	Turbidity (NTUs)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	DTW / Observations
1016	19.0	6.12	2278	6	5.37	121.4	300	8.12 / No Color No Odor
1019	19.1	6.29	2122	6	3.95	79.8	600	8.14 / "
1022	19.0	6.39	2069	6	3.98	-15.1	900	8.18 / "
1025	18.9	6.40	2050	5	3.92	-20.1	1200	8.21 / "
1028	18.8	6.40	1933	5	3.58	-27.5	1500	8.21 / "
1031	18.8	6.40	1928	4	3.50	-31.9	1800	8.21 / "
1034	18.8	6.40	1905	4	3.43	-36.5	2100	8.21 / "

Did well dewater? Yes No Amount actually evacuated: ~~1800~~ 2100 mL

Sampling Time: 1035 Sampling Date: 1/17/18

Sample I.D.: IW-1 Laboratory: McCampbell

Analyzed for: TPH-G BTEX MTBE TPH-D Other: See COC

Equipment Blank I.D.: @ Time Duplicate I.D.:

DRAFT

WELLHEAD INSPECTION CHECKLIST

Client: AIE

Date: 1/17/18

Site Address: 3442 Adeline St. Oakland, CA

Job Number: 180117-DL1

Technician: DL, JS

Well ID	Well Inspected - No Corrective Action Required	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)	Repair Order Submitted
MW-7						X		
IW-1						X		
BF-5						X		
MW-1						X		
BF-1						X		
MW-3	X DL					X		
MW-4	X							
MW-6	X	X						
MW-5	X							
MW-2	X							

NOTES: MW-7: -1/2 Bolts 1/2 Tabs Broken; IW-1: -1/2 Bolts
BF-5: -2/2 Bolts; MW-1: -1/2 Bolts; BF-1: -2/2 Bolts
MW-3: 10 lb weight being used as well lid

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TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME AEI @ 3442 Adeline St. Oakland, CA				PROJECT NUMBER 180117-PL1			
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP. °C	INITIALS
YSI Pro plus	16M101741	1/17/18 @ 0920	pH: 7 10 4	pH: 7.01 10.02 3.99	Yes	15.8	JS
↓	↓	↓	Cond: 3900 µS	Cond: 3899 µS	Yes	15.6	JS
↓	↓	↓	ORP: 245.0mV @ 16.0°C	ORP: 245.1mV @ 16.0°C	Yes	16.0	JS
↓	↓	↓	D.O. 100%	D.O 99.9%	Yes		JS

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TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME 3412 Adelline St				PROJECT NUMBER 18017-DC1			
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP.	INITIALS
YSI Pro Plus	14F101212	1/17/18 0615	PH 4/7/10 Cond 3900	4.02/7.00/10.01 3903	Y	19	DC
↓	↓	↓	ORP 237 DO 100.1	238.7 99.1	Y	20	DL

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SOIL VAPOR SAMPLING FIELD DATA
3442 Adeline Street, Oakland, California

Date	Sample ID	Canister #	Regulator #	Leak test start time	Start Leak Vaccum Pressure (in-Hg)	Leak test stop time	End Leak Vaccum Pressure (in-Hg)	Start Purge Time	End Purge Time	Began sampling Time	Initial vacuum (in-Hg)	End sampling Time	Final vacuum (in-Hg)	He shroud (%)	He Detected (PPM)
1/17/18	VB-4	7337	8595	1342	-28	1349	-28	1202	1208	1210	-28	1218	-5	16	Ø
	VB-5	6524 5446	7455	1346	-29	1355	-28	0858	0904	0910 ~~0910~~ -5	-29	0915	-5	25%	Ø
	VB-6	5230	8613	1351	-28	1402	-28								
	VB-7	7363	7797	1402	-24	1415	-22	1521	1527	1530	-26	1535	-5	30	Ø
	VB-8	6285	8639	1415	-27	1435	-27								
	VB-9	6586	8603	1440	-28	1454	-27	1255	1301	1308	-29	1316	-5	22.0	2000
	VB-10	8942	8627	1456	-26	1504	-26	1602	1604	1611	-26	1635	-5	18	3000
	VB-11	7913	8619	1503	-28	1515	-28								
	VB-12	5370	7781	1518	-29	1517	-29	1205	1211	1213	-30+	1219	-5	35	Ø
	VB-13	5385	7145	1515	-28	1522	-27	1020	1026			Groundwater		25%	
	VB-14	5733	7142	1520	-27	1527	-27	1037	1043	1046	-26	1055	-25	20	25 a
	VB-15	6927	8625	1530	-27.5	1620	-22								
	VB-16	5156	5907	1535	-23.5	1630	-23.5	0947	0953	0957	~~0957~~ -24	-2 1005	-5	21	Ø
	VB-17	7909	7457	1540	-29	1630	-29								
	VB-18	5228	6828	1595	-28.5	1620	-28.5	0903	0909	0912	-30+	0918	-5.0	8.0	Ø
	VB-19	7965	6812	1550	-24.5	1620	-24.5								
	VB-20	7274	6028	1552	-30	1625	-30	1113	1119	1122	-30+	1127	-5	17%	Ø
	VB-21	5837	7441	1558	-21	1620	-21								
	VB-22	5506	7442	1605	-29	1620	-29	1353	1358	1401	-29.5	1408	-5	22	Ø
	VB-12 Duplicate	7281	8372	1610	-30	1620	-30	1205	1211	1213	-30	1218	-5	35	Ø

Notes: VB-14, downhole vacuum to -9.5, wouldnt sample, likely groundwater
VB-10, downhole to -12

File: Soil Vapor sampling Field Data Form - He

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SOIL VAPOR SAMPLING FIELD DATA
3442 Adeline Street, Oakland, California

Date	Sample ID	Canister #	Regulator #	Leak test start time	Start Leak Vaccum Pressure (in-Hg)	Leak test stop time	End Leak Vaccum Pressure (in-Hg)	Start Purge Time	End Purge Time	Began sampling Time	Initial vacuum (in-Hg)	End sampling Time	Final vacuum (in-Hg)	He shroud (%)	He Detected (PPM)
1/17/18	VB-4	7337	8595												
	VB-5	6524	7455												
	VB-6	5230	8613					1423	1428	— water in tubing				40%	
	VB-7	7363	7797												
	X VB-8	6285	8639					—	water in tubing				—		
	X VB-9	6586	8603												
	VB-10	8942	8622												
	X VB-11	7913	8619					1252	1257	water in tube			—	45%	
	VB-12	5370	7781												
	VB-13	5385	7145												
	X VB-14	5733	7142												
	X VB-15	6927	8625					1031	1036	WATER in tubes				55.6%	
	VB-16	5156	5907												
	X VB-17	7909	7457					918	923	930	+30	934	5	53%	0
	X VB-18	5228	6828												
	VB-19	7965	6812												
	VB-20	7274	6028												
	VB-21	5837	7441					1541	1546	1550	20	1553	5	43.3%	330
	VB-22	5506	7442												
	Dup	7281	8372												

Notes:

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APPENDIX B

WASTE DISPOSAL DOCUMENTATION

DRAFT

ADVANCED ENVIRONMENTAL SERVICES

CALIFORNIA ENVIRONMENTAL SERVICES

13645 Ben Dier Lane
Baker City, OR 97814

415.699.6207
Fax 541.523.1870

Log #: _____

NON-HAZARDOUS WASTE MANIFEST

GENERATOR

Generator: Steffi Zimmerman Trust

Location:

Address:

Address: 3442 Adeline Street
Oakland, CA

Phone #:

Phone No.:

Approval Number

PHLF14359

55 - Gallon Drum(s)
Non-Hazardous
1

20 Gallon Drum(s)
Non-Hazardous

Description of Material

Non-Regulated Petroleum
Contaminated Material
Non-DOT/RCRA Regulated

Net Weight
(Tons)

I hereby certify that the above named material does not contain free liquids as defined by 40 CFR Part 260.10 or any other applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a DOT hazardous substance as defined by 49 CFR Part 172 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations.

Signature | Generator Authorized Agenr Name | Date

TRANSPORTER

Transporter Name: BIGSKY ENT.

Driver Name: JEFF RHODES

Address: CHANNEL ST
BENICIA, CA

Vehicle License No./State:

Truck Number: 303

I hereby certify that the above named material was picked up at the generator site listed above and was delivered without incident to the destination listed below

Jeff Rhodes | Jeff Rhodes | FEB 15 2018

Driver Signature | Print Driver Name | Date

DESTINATION

Facility Name: Potrero Landfill

Phone: 707.429.9600

Address: 3675 Potrero Hills Lane, Suisun City, CA

I hereby certify that the above named material has been accepted and to the best of my knowledge the foregoing is true and accurate.

Signature | Authorized Agent Name | Receipt Date

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APPENDIX C

LABORATORY ANALYTICAL AND CHAIN OF CUSTODY DOCUMENTATION

DRAFT

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 1801982

Report Created for: AEI Consultants

2500 Camino Diablo, Ste.#200
Walnut Creek, CA 94597

Project Contact: Jacqueline Day
Project P.O.:
Project: 3442 Adeline St. Oakland, CA

Project Received: 01/18/2018

Analytical Report reviewed & approved for release on 01/25/2018 by:

Heidi Fruhlinger
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.

DRAFT

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: AEI Consultants
Project: 3442 Adeline St. Oakland, CA
WorkOrder: 1801982

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
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
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
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: AEI Consultants
Project: 3442 Adeline St. Oakland, CA
WorkOrder: 1801982

Analytical Qualifiers

S	Surrogate spike recovery outside accepted recovery limits
c2	Surrogate recovery outside of the control limits due to matrix interference.
d1	Weakly modified or unmodified gasoline is significant
d9	No recognizable pattern
e2/e4	Diesel range compounds are significant; no recognizable pattern; and/or Gasoline range compounds are significant.
e2	Diesel range compounds are significant; no recognizable pattern
e4/e2	Gasoline range compounds are significant.; and/or Diesel range compounds are significant; no recognizable pattern

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1801982
Date Received:	1/18/18 14:35	**Extraction Method:**	SW5030B
Date Prepared:	1/23/18-1/25/18	**Analytical Method:**	SW8260B
Project:	3442 Adeline St. Oakland, CA	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
BF-1	**1801982-001B**	**Water**	**01/17/2018 13:09**	**GC10 01241834.D**	**152193**

Analytes	Result	RL	DF	Date Analyzed
tert-Amyl methyl ether (TAME)	ND	0.50	1	01/25/2018 05:32
Benzene	ND	0.50	1	01/25/2018 05:32
t-Butyl alcohol (TBA)	**2.2**	2.0	1	01/25/2018 05:32
Diisopropyl ether (DIPE)	ND	0.50	1	01/25/2018 05:32
Ethylbenzene	ND	0.50	1	01/25/2018 05:32
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	01/25/2018 05:32
Methyl-t-butyl ether (MTBE)	ND	0.50	1	01/25/2018 05:32
Naphthalene	ND	0.50	1	01/25/2018 05:32
Toluene	ND	0.50	1	01/25/2018 05:32
Xylenes, Total	ND	0.50	1	01/25/2018 05:32

Surrogates	REC (%)	Limits	
Dibromofluoromethane	106	78-134	01/25/2018 05:32
Toluene-d8	109	82-120	01/25/2018 05:32
4-BFB	91	69-131	01/25/2018 05:32

Analyst(s): KF

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
BF-5	**1801982-002B**	**Water**	**01/17/2018 11:46**	**GC16 01231813.D**	**152062**

Analytes	Result	RL	DF	Date Analyzed
tert-Amyl methyl ether (TAME)	ND	0.50	1	01/23/2018 15:29
Benzene	ND	0.50	1	01/23/2018 15:29
t-Butyl alcohol (TBA)	ND	2.0	1	01/23/2018 15:29
Diisopropyl ether (DIPE)	ND	0.50	1	01/23/2018 15:29
Ethylbenzene	ND	0.50	1	01/23/2018 15:29
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	01/23/2018 15:29
Methyl-t-butyl ether (MTBE)	ND	0.50	1	01/23/2018 15:29
Naphthalene	ND	0.50	1	01/23/2018 15:29
Toluene	ND	0.50	1	01/23/2018 15:29
Xylenes, Total	ND	0.50	1	01/23/2018 15:29

Surrogates	REC (%)	Limits	
Dibromofluoromethane	104	78-134	01/23/2018 15:29
Toluene-d8	87	82-120	01/23/2018 15:29
4-BFB	78	69-131	01/23/2018 15:29

Analyst(s): KF

(Cont.)

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http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1801982
Date Received:	1/18/18 14:35	**Extraction Method:**	SW5030B
Date Prepared:	1/23/18-1/25/18	**Analytical Method:**	SW8260B
Project:	3442 Adeline St. Oakland, CA	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-1	**1801982-003B**	**Water**	**01/17/2018 12:25**	**GC16 01231814.D**	**152062**

Analytes	Result	RL	DF	Date Analyzed
tert-Amyl methyl ether (TAME)	ND	0.50	1	01/23/2018 16:08
Benzene	ND	0.50	1	01/23/2018 16:08
t-Butyl alcohol (TBA)	ND	2.0	1	01/23/2018 16:08
Diisopropyl ether (DIPE)	ND	0.50	1	01/23/2018 16:08
Ethylbenzene	ND	0.50	1	01/23/2018 16:08
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	01/23/2018 16:08
Methyl-t-butyl ether (MTBE)	ND	0.50	1	01/23/2018 16:08
Naphthalene	ND	0.50	1	01/23/2018 16:08
Toluene	ND	0.50	1	01/23/2018 16:08
Xylenes, Total	ND	0.50	1	01/23/2018 16:08

Surrogates	REC (%)	Limits	
Dibromofluoromethane	104	78-134	01/23/2018 16:08
Toluene-d8	87	82-120	01/23/2018 16:08
4-BFB	79	69-131	01/23/2018 16:08

Analyst(s): KF

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-2	**1801982-004B**	**Water**	**01/17/2018 13:20**	**GC16 01231834.D**	**152062**

Analytes	Result	RL	DF	Date Analyzed
tert-Amyl methyl ether (TAME)	ND	0.50	1	01/24/2018 05:43
Benzene	**0.68**	0.50	1	01/24/2018 05:43
t-Butyl alcohol (TBA)	**6.6**	2.0	1	01/24/2018 05:43
Diisopropyl ether (DIPE)	ND	0.50	1	01/24/2018 05:43
Ethylbenzene	ND	0.50	1	01/24/2018 05:43
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	01/24/2018 05:43
Methyl-t-butyl ether (MTBE)	ND	0.50	1	01/24/2018 05:43
Naphthalene	ND	0.50	1	01/24/2018 05:43
Toluene	ND	0.50	1	01/24/2018 05:43
Xylenes, Total	ND	0.50	1	01/24/2018 05:43

Surrogates	REC (%)	Limits	
Dibromofluoromethane	98	78-134	01/24/2018 05:43
Toluene-d8	90	82-120	01/24/2018 05:43
4-BFB	78	69-131	01/24/2018 05:43

Analyst(s): KF

(Cont.)

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1801982
Date Received:	1/18/18 14:35	**Extraction Method:**	SW5030B
Date Prepared:	1/23/18-1/25/18	**Analytical Method:**	SW8260B
Project:	3442 Adeline St. Oakland, CA	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-3	**1801982-005B**	**Water**	**01/17/2018 12:40**	**GC16 01241827.D**	**152116**

Analytes	Result	RL	DF	Date Analyzed
tert-Amyl methyl ether (TAME)	ND	10	20	01/25/2018 01:25
Benzene	**310**	10	20	01/25/2018 01:25
t-Butyl alcohol (TBA)	**79**	40	20	01/25/2018 01:25
Diisopropyl ether (DIPE)	ND	10	20	01/25/2018 01:25
Ethylbenzene	ND	10	20	01/25/2018 01:25
Ethyl tert-butyl ether (ETBE)	ND	10	20	01/25/2018 01:25
Methyl-t-butyl ether (MTBE)	ND	10	20	01/25/2018 01:25
Naphthalene	ND	10	20	01/25/2018 01:25
Toluene	ND	10	20	01/25/2018 01:25
Xylenes, Total	ND	10	20	01/25/2018 01:25

Surrogates	REC (%)	Limits	
Dibromofluoromethane	99	78-134	01/25/2018 01:25
Toluene-d8	94	82-120	01/25/2018 01:25
4-BFB	78	69-131	01/25/2018 01:25

Analyst(s): KF

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-4	**1801982-006B**	**Water**	**01/17/2018 12:10**	**GC10 01231826.D**	**152116**

Analytes	Result	RL	DF	Date Analyzed
tert-Amyl methyl ether (TAME)	ND	0.50	1	01/24/2018 00:56
Benzene	**1.2**	0.50	1	01/24/2018 00:56
t-Butyl alcohol (TBA)	ND	2.0	1	01/24/2018 00:56
Diisopropyl ether (DIPE)	ND	0.50	1	01/24/2018 00:56
Ethylbenzene	ND	0.50	1	01/24/2018 00:56
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	01/24/2018 00:56
Methyl-t-butyl ether (MTBE)	ND	0.50	1	01/24/2018 00:56
Naphthalene	ND	0.50	1	01/24/2018 00:56
Toluene	ND	0.50	1	01/24/2018 00:56
Xylenes, Total	ND	0.50	1	01/24/2018 00:56

Surrogates	REC (%)	Limits	
Dibromofluoromethane	106	78-134	01/24/2018 00:56
Toluene-d8	111	82-120	01/24/2018 00:56
4-BFB	96	69-131	01/24/2018 00:56

Analyst(s): KF

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1801982
Date Received:	1/18/18 14:35	**Extraction Method:**	SW5030B
Date Prepared:	1/23/18-1/25/18	**Analytical Method:**	SW8260B
Project:	3442 Adeline St. Oakland, CA	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-5	**1801982-007B**	**Water**	**01/17/2018 11:25**	**GC16 01241828.D**	**152116**

Analytes	Result	RL	DF	Date Analyzed
tert-Amyl methyl ether (TAME)	ND	2.5	5	01/25/2018 02:05
Benzene	**160**	2.5	5	01/25/2018 02:05
t-Butyl alcohol (TBA)	ND	10	5	01/25/2018 02:05
Diisopropyl ether (DIPE)	ND	2.5	5	01/25/2018 02:05
Ethylbenzene	ND	2.5	5	01/25/2018 02:05
Ethyl tert-butyl ether (ETBE)	ND	2.5	5	01/25/2018 02:05
Methyl-t-butyl ether (MTBE)	ND	2.5	5	01/25/2018 02:05
Naphthalene	ND	2.5	5	01/25/2018 02:05
Toluene	ND	2.5	5	01/25/2018 02:05
Xylenes, Total	ND	2.5	5	01/25/2018 02:05

Surrogates	REC (%)	Limits	
Dibromofluoromethane	98	78-134	01/25/2018 02:05
Toluene-d8	89	82-120	01/25/2018 02:05
4-BFB	81	69-131	01/25/2018 02:05

Analyst(s): KF

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-6	**1801982-008B**	**Water**	**01/17/2018 10:50**	**GC10 01231828.D**	**152116**

Analytes	Result	RL	DF	Date Analyzed
tert-Amyl methyl ether (TAME)	ND	0.50	1	01/24/2018 02:14
Benzene	**15**	0.50	1	01/24/2018 02:14
t-Butyl alcohol (TBA)	ND	2.0	1	01/24/2018 02:14
Diisopropyl ether (DIPE)	ND	0.50	1	01/24/2018 02:14
Ethylbenzene	**3.5**	0.50	1	01/24/2018 02:14
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	01/24/2018 02:14
Methyl-t-butyl ether (MTBE)	ND	0.50	1	01/24/2018 02:14
Naphthalene	**3.7**	0.50	1	01/24/2018 02:14
Toluene	**0.88**	0.50	1	01/24/2018 02:14
Xylenes, Total	**1.1**	0.50	1	01/24/2018 02:14

Surrogates	REC (%)	Limits	
Dibromofluoromethane	89	78-134	01/24/2018 02:14
Toluene-d8	113	82-120	01/24/2018 02:14
4-BFB	117	69-131	01/24/2018 02:14

Analyst(s): KF

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1801982
Date Received:	1/18/18 14:35	**Extraction Method:**	SW5030B
Date Prepared:	1/23/18-1/25/18	**Analytical Method:**	SW8260B
Project:	3442 Adeline St. Oakland, CA	**Unit:**	µg/L

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-7	**1801982-009B**	**Water**	**01/17/2018 11:00**	**GC16 01241829.D**	**152116**

Analytes	Result	RL	DF	Date Analyzed
tert-Amyl methyl ether (TAME)	ND	25	50	01/25/2018 02:44
Benzene	**870**	25	50	01/25/2018 02:44
t-Butyl alcohol (TBA)	ND	100	50	01/25/2018 02:44
Diisopropyl ether (DIPE)	ND	25	50	01/25/2018 02:44
Ethylbenzene	ND	25	50	01/25/2018 02:44
Ethyl tert-butyl ether (ETBE)	ND	25	50	01/25/2018 02:44
Methyl-t-butyl ether (MTBE)	ND	25	50	01/25/2018 02:44
Naphthalene	ND	25	50	01/25/2018 02:44
Toluene	ND	25	50	01/25/2018 02:44
Xylenes, Total	ND	25	50	01/25/2018 02:44

Surrogates	REC (%)	Limits	
Dibromofluoromethane	100	78-134	01/25/2018 02:44
Toluene-d8	91	82-120	01/25/2018 02:44
4-BFB	81	69-131	01/25/2018 02:44

Analyst(s): KF

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
IW-1	**1801982-010B**	**Water**	**01/17/2018 10:35**	**GC10 01231830.D**	**152116**

Analytes	Result	RL	DF	Date Analyzed
tert-Amyl methyl ether (TAME)	ND	0.50	1	01/24/2018 03:31
Benzene	ND	0.50	1	01/24/2018 03:31
t-Butyl alcohol (TBA)	**3.1**	2.0	1	01/24/2018 03:31
Diisopropyl ether (DIPE)	ND	0.50	1	01/24/2018 03:31
Ethylbenzene	ND	0.50	1	01/24/2018 03:31
Ethyl tert-butyl ether (ETBE)	ND	0.50	1	01/24/2018 03:31
Methyl-t-butyl ether (MTBE)	ND	0.50	1	01/24/2018 03:31
Naphthalene	ND	0.50	1	01/24/2018 03:31
Toluene	ND	0.50	1	01/24/2018 03:31
Xylenes, Total	ND	0.50	1	01/24/2018 03:31

Surrogates	REC (%)	Limits	
Dibromofluoromethane	108	78-134	01/24/2018 03:31
Toluene-d8	112	82-120	01/24/2018 03:31
4-BFB	101	69-131	01/24/2018 03:31

Analyst(s): KF

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1801982
Date Received:	1/18/18 14:35	**Extraction Method:**	SW5030B
Date Prepared:	1/19/18-1/23/18	**Analytical Method:**	SW8021B/8015Bm
Project:	3442 Adeline St. Oakland, CA	**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
BF-1	**1801982-001A**	**Water**	**01/17/2018 13:09**	**GC7 01191819.D**	**151998**

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	50	1	01/19/2018 20:28
MTBE	---	5.0	1	01/19/2018 20:28
Benzene	---	0.50	1	01/19/2018 20:28
Toluene	---	0.50	1	01/19/2018 20:28
Ethylbenzene	---	0.50	1	01/19/2018 20:28
Xylenes	---	0.50	1	01/19/2018 20:28

Surrogates	REC (%)	Limits	
aaa-TFT	94	90-117	01/19/2018 20:28

Analyst(s): TD

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
BF-5	**1801982-002A**	**Water**	**01/17/2018 11:46**	**GC7 01191820.D**	**151998**

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	50	1	01/19/2018 20:57
MTBE	---	5.0	1	01/19/2018 20:57
Benzene	---	0.50	1	01/19/2018 20:57
Toluene	---	0.50	1	01/19/2018 20:57
Ethylbenzene	---	0.50	1	01/19/2018 20:57
Xylenes	---	0.50	1	01/19/2018 20:57

Surrogates	REC (%)	Limits	
aaa-TFT	94	90-117	01/19/2018 20:57

Analyst(s): TD

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1801982
Date Received:	1/18/18 14:35	**Extraction Method:**	SW5030B
Date Prepared:	1/19/18-1/23/18	**Analytical Method:**	SW8021B/8015Bm
Project:	3442 Adeline St. Oakland, CA	**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-1	**1801982-003A**	**Water**	**01/17/2018 12:25**	**GC7 01191827.D**	**151998**

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	50	1	01/20/2018 00:24
MTBE	---	5.0	1	01/20/2018 00:24
Benzene	---	0.50	1	01/20/2018 00:24
Toluene	---	0.50	1	01/20/2018 00:24
Ethylbenzene	---	0.50	1	01/20/2018 00:24
Xylenes	---	0.50	1	01/20/2018 00:24

Surrogates	REC (%)	Limits	
aaa-TFT	92	90-117	01/20/2018 00:24

Analyst(s): TD

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-2	**1801982-004A**	**Water**	**01/17/2018 13:20**	**GC7 01191828.D**	**151998**

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	50	1	01/20/2018 00:53
MTBE	---	5.0	1	01/20/2018 00:53
Benzene	---	0.50	1	01/20/2018 00:53
Toluene	---	0.50	1	01/20/2018 00:53
Ethylbenzene	---	0.50	1	01/20/2018 00:53
Xylenes	---	0.50	1	01/20/2018 00:53

Surrogates	REC (%)	Limits	
aaa-TFT	101	90-117	01/20/2018 00:53

Analyst(s): TD

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1801982
Date Received:	1/18/18 14:35	**Extraction Method:**	SW5030B
Date Prepared:	1/19/18-1/23/18	**Analytical Method:**	SW8021B/8015Bm
Project:	3442 Adeline St. Oakland, CA	**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-3	**1801982-005A**	**Water**	**01/17/2018 12:40**	**GC7 01191812.D**	**151998**

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	**10,000**	2500	50	01/19/2018 17:01
MTBE	---	250	50	01/19/2018 17:01
Benzene	---	25	50	01/19/2018 17:01
Toluene	---	25	50	01/19/2018 17:01
Ethylbenzene	---	25	50	01/19/2018 17:01
Xylenes	---	25	50	01/19/2018 17:01

Surrogates	REC (%)	Limits	
aaa-TFT	112	90-117	01/19/2018 17:01

Analyst(s): TD Analytical Comments: d1

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-4	**1801982-006A**	**Water**	**01/17/2018 12:10**	**GC7 01191830.D**	**151998**

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	50	1	01/20/2018 01:52
MTBE	---	5.0	1	01/20/2018 01:52
Benzene	---	0.50	1	01/20/2018 01:52
Toluene	---	0.50	1	01/20/2018 01:52
Ethylbenzene	---	0.50	1	01/20/2018 01:52
Xylenes	---	0.50	1	01/20/2018 01:52

Surrogates	REC (%)	Limits	
aaa-TFT	98	90-117	01/20/2018 01:52

Analyst(s): TD Analytical Comments: c2

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1801982
Date Received:	1/18/18 14:35	**Extraction Method:**	SW5030B
Date Prepared:	1/19/18-1/23/18	**Analytical Method:**	SW8021B/8015Bm
Project:	3442 Adeline St. Oakland, CA	**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-5	**1801982-007A**	**Water**	**01/17/2018 11:25**	**GC7 01191835.D**	**151998**

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	**650**	50	1	01/20/2018 04:19
MTBE	---	5.0	1	01/20/2018 04:19
Benzene	---	5.0	10	01/23/2018 07:17
Toluene	---	0.50	1	01/20/2018 04:19
Ethylbenzene	---	0.50	1	01/20/2018 04:19
Xylenes	---	0.50	1	01/20/2018 04:19

Surrogates	REC (%)	Qualifiers	Limits	
aaa-TFT	189	S	90-117	01/20/2018 04:19

Analyst(s): TD Analytical Comments: d1,d9,c2

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-6	**1801982-008A**	**Water**	**01/17/2018 10:50**	**GC7 01191836.D**	**151998**

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	**1700**	50	1	01/20/2018 04:49
MTBE	---	5.0	1	01/20/2018 04:49
Benzene	---	0.50	1	01/20/2018 04:49
Toluene	---	0.50	1	01/20/2018 04:49
Ethylbenzene	---	0.50	1	01/20/2018 04:49
Xylenes	---	0.50	1	01/20/2018 04:49

Surrogates	REC (%)	Qualifiers	Limits	
aaa-TFT	118	S	90-117	01/20/2018 04:49

Analyst(s): TD Analytical Comments: d1,d9

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1801982
Date Received:	1/18/18 14:35	**Extraction Method:**	SW5030B
Date Prepared:	1/19/18-1/23/18	**Analytical Method:**	SW8021B/8015Bm
Project:	3442 Adeline St. Oakland, CA	**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-7	**1801982-009A**	**Water**	**01/17/2018 11:00**	**GC7 01191837.D**	**151998**

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	**10,000**	500	10	01/20/2018 05:18
MTBE	---	50	10	01/20/2018 05:18
Benzene	---	5.0	10	01/20/2018 05:18
Toluene	---	5.0	10	01/20/2018 05:18
Ethylbenzene	---	5.0	10	01/20/2018 05:18
Xylenes	---	5.0	10	01/20/2018 05:18

Surrogates	REC (%)	Qualifiers	Limits	
aaa-TFT	86	S	90-117	01/20/2018 05:18

Analyst(s): TD Analytical Comments: d1,c2

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
IW-1	**1801982-010A**	**Water**	**01/17/2018 10:35**	**GC7 01191838.D**	**151998**

Analytes	Result	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND	50	1	01/20/2018 05:47
MTBE	---	5.0	1	01/20/2018 05:47
Benzene	---	0.50	1	01/20/2018 05:47
Toluene	---	0.50	1	01/20/2018 05:47
Ethylbenzene	---	0.50	1	01/20/2018 05:47
Xylenes	---	0.50	1	01/20/2018 05:47

Surrogates	REC (%)	Qualifiers	Limits	
aaa-TFT	82	S	90-117	01/20/2018 05:47

Analyst(s): TD Analytical Comments: c2

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1801982
Date Received:	1/18/18 14:35	**Extraction Method:**	SW3510C
Date Prepared:	1/18/18-1/22/18	**Analytical Method:**	SW8015B
Project:	3442 Adeline St. Oakland, CA	**Unit:**	µg/L

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
BF-1	**1801982-001A**	**Water**	**01/17/2018 13:09**	**GC39A 01191818.D**	**151880**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	50	1	01/19/2018 20:36

Surrogates	REC (%)	Limits	
	93	61-139	01/19/2018 20:36

Analyst(s): JIS

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
BF-5	**1801982-002A**	**Water**	**01/17/2018 11:46**	**GC39A 01191826.D**	**151880**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	50	1	01/19/2018 23:11

Surrogates	REC (%)	Limits	
	94	61-139	01/19/2018 23:11

Analyst(s): JIS

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-1	**1801982-003A**	**Water**	**01/17/2018 12:25**	**GC39B 01191817.D**	**151880**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	50	1	01/19/2018 20:36

Surrogates	REC (%)	Limits	
	96	61-139	01/19/2018 20:36

Analyst(s): JIS

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-2	**1801982-004A**	**Water**	**01/17/2018 13:20**	**GC6A 01241812.D**	**152033**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	50	1	01/24/2018 16:29

Surrogates	REC (%)	Limits	
C9	99	61-139	01/24/2018 16:29

Analyst(s): JIS

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1801982
Date Received:	1/18/18 14:35	**Extraction Method:**	SW3510C
Date Prepared:	1/18/18-1/22/18	**Analytical Method:**	SW8015B
Project:	3442 Adeline St. Oakland, CA	**Unit:**	µg/L

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-3	**1801982-005A**	**Water**	**01/17/2018 12:40**	**GC39B 01181863.D**	**151880**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**1400**	50	1	01/19/2018 11:53

Surrogates	REC (%)	Limits	
	98	61-139	01/19/2018 11:53

Analyst(s): JIS Analytical Comments: e2/e4

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-4	**1801982-006A**	**Water**	**01/17/2018 12:10**	**GC39A 01191822.D**	**151880**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	50	1	01/19/2018 21:54

Surrogates	REC (%)	Limits	
	93	61-139	01/19/2018 21:54

Analyst(s): JIS

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-5	**1801982-007A**	**Water**	**01/17/2018 11:25**	**GC39B 01191809.D**	**151880**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**67**	50	1	01/19/2018 18:01

Surrogates	REC (%)	Limits	
	96	61-139	01/19/2018 18:01

Analyst(s): JIS Analytical Comments: e2

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-6	**1801982-008A**	**Water**	**01/17/2018 10:50**	**GC39B 01191813.D**	**151880**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**280**	50	1	01/19/2018 19:18

Surrogates	REC (%)	Limits	
	97	61-139	01/19/2018 19:18

Analyst(s): JIS Analytical Comments: e4/e2

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Analytical Report

Client:	AEI Consultants	**WorkOrder:**	1801982
Date Received:	1/18/18 14:35	**Extraction Method:**	SW3510C
Date Prepared:	1/18/18-1/22/18	**Analytical Method:**	SW8015B
Project:	3442 Adeline St. Oakland, CA	**Unit:**	µg/L

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
MW-7	**1801982-009A**	**Water**	**01/17/2018 11:00**	**GC39A 01191814.D**	**151880**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**1400**	50	1	01/19/2018 19:18

Surrogates	REC (%)	Limits	
	93	61-139	01/19/2018 19:18

Analyst(s): JIS Analytical Comments: e4/e2

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
IW-1	**1801982-010A**	**Water**	**01/17/2018 10:35**	**GC39A 01191810.D**	**151880**

Analytes	Result	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND	50	1	01/19/2018 18:01

Surrogates	REC (%)	Limits	
	91	61-139	01/19/2018 18:01

Analyst(s): JIS

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Quality Control Report

Client:	AEI Consultants	**WorkOrder:**	1801982
Date Prepared:	1/23/18	**BatchID:**	152062
Date Analyzed:	1/23/18	**Extraction Method:**	SW5030B
Instrument:	GC16	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	3442 Adeline St. Oakland, CA	**Sample ID:**	MB/LCS/LCSD-152062

QC Summary Report for SW8260B

Analyte	MB Result	RL	SPK Val	MB SS %REC	MB SS Limits
Acetone	ND	10	-	-	-
tert-Amyl methyl ether (TAME)	ND	0.50	-	-	-
Benzene	ND	0.50	-	-	-
Bromobenzene	ND	0.50	-	-	-
Bromochloromethane	ND	0.50	-	-	-
Bromodichloromethane	ND	0.50	-	-	-
Bromoform	ND	0.50	-	-	-
Bromomethane	ND	0.50	-	-	-
2-Butanone (MEK)	ND	2.0	-	-	-
t-Butyl alcohol (TBA)	ND	2.0	-	-	-
n-Butyl benzene	ND	0.50	-	-	-
sec-Butyl benzene	ND	0.50	-	-	-
tert-Butyl benzene	ND	0.50	-	-	-
Carbon Disulfide	ND	0.50	-	-	-
Carbon Tetrachloride	ND	0.50	-	-	-
Chlorobenzene	ND	0.50	-	-	-
Chloroethane	ND	0.50	-	-	-
Chloroform	ND	0.50	-	-	-
Chloromethane	ND	0.50	-	-	-
2-Chlorotoluene	ND	0.50	-	-	-
4-Chlorotoluene	ND	0.50	-	-	-
Dibromochloromethane	ND	0.50	-	-	-
1,2-Dibromo-3-chloropropane	ND	0.20	-	-	-
1,2-Dibromoethane (EDB)	ND	0.50	-	-	-
Dibromomethane	ND	0.50	-	-	-
1,2-Dichlorobenzene	ND	0.50	-	-	-
1,3-Dichlorobenzene	ND	0.50	-	-	-
1,4-Dichlorobenzene	ND	0.50	-	-	-
Dichlorodifluoromethane	ND	0.50	-	-	-
1,1-Dichloroethane	ND	0.50	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.50	-	-	-
1,1-Dichloroethene	ND	0.50	-	-	-
cis-1,2-Dichloroethene	ND	0.50	-	-	-
trans-1,2-Dichloroethene	ND	0.50	-	-	-
1,2-Dichloropropane	ND	0.50	-	-	-
1,3-Dichloropropane	ND	0.50	-	-	-
2,2-Dichloropropane	ND	0.50	-	-	-
1,1-Dichloropropene	ND	0.50	-	-	-
cis-1,3-Dichloropropene	ND	0.50	-	-	-

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Quality Control Report

Client:	AEI Consultants	**WorkOrder:**	1801982
Date Prepared:	1/23/18	**BatchID:**	152062
Date Analyzed:	1/23/18	**Extraction Method:**	SW5030B
Instrument:	GC16	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	3442 Adeline St. Oakland, CA	**Sample ID:**	MB/LCS/LCSD-152062

QC Summary Report for SW8260B

Analyte	MB Result	RL	SPK Val	MB SS %REC	MB SS Limits
trans-1,3-Dichloropropene	ND	0.50	-	-	-
Diisopropyl ether (DIPE)	ND	0.50	-	-	-
Ethylbenzene	ND	0.50	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.50	-	-	-
Freon 113	ND	0.50	-	-	-
Hexachlorobutadiene	ND	0.50	-	-	-
Hexachloroethane	ND	0.50	-	-	-
2-Hexanone	ND	0.50	-	-	-
Isopropylbenzene	ND	0.50	-	-	-
4-Isopropyl toluene	ND	0.50	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.50	-	-	-
Methylene chloride	ND	0.50	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	0.50	-	-	-
Naphthalene	ND	0.50	-	-	-
n-Propyl benzene	ND	0.50	-	-	-
Styrene	ND	0.50	-	-	-
1,1,1,2-Tetrachloroethane	ND	0.50	-	-	-
1,1,2,2-Tetrachloroethane	ND	0.50	-	-	-
Tetrachloroethene	ND	0.50	-	-	-
Toluene	ND	0.50	-	-	-
1,2,3-Trichlorobenzene	ND	0.50	-	-	-
1,2,4-Trichlorobenzene	ND	0.50	-	-	-
1,1,1-Trichloroethane	ND	0.50	-	-	-
1,1,2-Trichloroethane	ND	0.50	-	-	-
Trichloroethene	ND	0.50	-	-	-
Trichlorofluoromethane	ND	0.50	-	-	-
1,2,3-Trichloropropane	ND	0.50	-	-	-
1,2,4-Trimethylbenzene	ND	0.50	-	-	-
1,3,5-Trimethylbenzene	ND	0.50	-	-	-
Vinyl Chloride	ND	0.50	-	-	-
Xylenes, Total	ND	0.50	-	-	-
Surrogate Recovery					
Dibromofluoromethane	25.79		25	103	91-133
Toluene-d8	22.67		25	91	87-127
4-BFB	2.044		2.5	82	66-140

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Quality Control Report

Client:	AEI Consultants	**WorkOrder:**	1801982
Date Prepared:	1/23/18	**BatchID:**	152062
Date Analyzed:	1/23/18	**Extraction Method:**	SW5030B
Instrument:	GC16	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	3442 Adeline St. Oakland, CA	**Sample ID:**	MB/LCS/LCSD-152062

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acetone	171	179	200	85	89	47-122	4.49	20
tert-Amyl methyl ether (TAME)	8.63	8.86	10	86	89	62-121	2.65	20
Benzene	8.60	8.82	10	86	88	74-121	2.57	20
Bromobenzene	7.98	7.94	10	80	79	63-127	0.601	20
Bromochloromethane	8.57	8.96	10	86	90	70-126	4.54	20
Bromodichloromethane	8.29	8.42	10	83	84	66-127	1.61	20
Bromoform	7.09	7.53	10	71	75	60-119	6.02	20
Bromomethane	15.1	14.5	10	151	145	32-155	3.56	20
2-Butanone (MEK)	31.0	32.8	40	78	82	51-117	5.44	20
t-Butyl alcohol (TBA)	30.2	31.9	40	76	80	41-122	5.41	20
n-Butyl benzene	9.20	9.18	10	92	92	73-137	0	20
sec-Butyl benzene	9.36	9.17	10	94	92	71-137	2.01	20
tert-Butyl benzene	8.48	8.22	10	85	82	61-136	3.13	20
Carbon Disulfide	8.48	8.64	10	85	86	61-139	1.94	20
Carbon Tetrachloride	9.43	9.60	10	94	96	69-137	1.87	20
Chlorobenzene	8.50	8.52	10	85	85	71-122	0	20
Chloroethane	9.43	9.22	10	94	92	54-132	2.23	20
Chloroform	9.00	9.18	10	90	92	73-122	1.96	20
Chloromethane	10.2	9.11	10	102	91	48-136	11.2	20
2-Chlorotoluene	9.25	9.08	10	93	91	65-134	1.81	20
4-Chlorotoluene	8.50	8.43	10	85	84	65-130	0.891	20
Dibromochloromethane	8.02	8.25	10	80	83	65-121	2.91	20
1,2-Dibromo-3-chloropropane	2.86	2.84	4	72	71	41-132	1.00	20
1,2-Dibromoethane (EDB)	7.36	7.57	10	74	76	67-125	2.79	20
Dibromomethane	7.96	8.21	10	80	82	68-121	3.04	20
1,2-Dichlorobenzene	8.36	8.33	10	84	83	69-128	0.406	20
1,3-Dichlorobenzene	8.87	8.94	10	89	89	71-131	0	20
1,4-Dichlorobenzene	8.37	8.50	10	84	85	70-128	1.45	20
Dichlorodifluoromethane	8.12	7.85	10	81	79	21-158	3.36	20
1,1-Dichloroethane	8.73	8.94	10	87	89	73-123	2.37	20
1,2-Dichloroethane (1,2-DCA)	8.86	9.10	10	89	91	61-127	2.61	20
1,1-Dichloroethene	8.44	8.58	10	84	86	68-130	1.70	20
cis-1,2-Dichloroethene	8.34	8.52	10	83	85	72-123	2.15	20
trans-1,2-Dichloroethene	8.65	8.90	10	87	89	64-138	2.86	20
1,2-Dichloropropane	8.38	8.40	10	84	84	71-121	0	20
1,3-Dichloropropane	7.58	7.91	10	76	79	69-120	4.25	20
2,2-Dichloropropane	9.17	9.28	10	92	93	64-142	1.25	20
1,1-Dichloropropene	9.13	8.75	10	91	87	70-130	4.23	20
cis-1,3-Dichloropropene	7.61	7.88	10	76	79	58-136	3.53	20

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Quality Control Report

Client:	AEI Consultants	**WorkOrder:**	1801982
Date Prepared:	1/23/18	**BatchID:**	152062
Date Analyzed:	1/23/18	**Extraction Method:**	SW5030B
Instrument:	GC16	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	3442 Adeline St. Oakland, CA	**Sample ID:**	MB/LCS/LCSD-152062

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
trans-1,3-Dichloropropene	8.60	8.91	10	86	89	66-119	3.49	20
Diisopropyl ether (DIPE)	8.81	9.00	10	88	90	66-123	2.11	20
Ethylbenzene	8.65	8.64	10	86	86	71-125	0	20
Ethyl tert-butyl ether (ETBE)	9.03	9.36	10	90	94	67-122	3.49	20
Freon 113	9.16	9.28	10	92	93	68-132	1.28	20
Hexachlorobutadiene	8.57	8.03	10	86	80	56-155	6.52	20
Hexachloroethane	8.70	8.62	10	87	86	61-129	0.911	20
2-Hexanone	6.36	6.88	10	64	69	51-115	7.83	20
Isopropylbenzene	8.57	8.57	10	86	86	66-134	0	20
4-Isopropyl toluene	8.73	8.72	10	87	87	70-136	0	20
Methyl-t-butyl ether (MTBE)	8.63	9.09	10	86	91	64-118	5.18	20
Methylene chloride	8.60	8.84	10	86	88	62-121	2.80	20
4-Methyl-2-pentanone (MIBK)	6.32	6.95	10	63	70	51-115	9.56	20
Naphthalene	8.65	8.26	10	87	83	55-137	4.65	20
n-Propyl benzene	9.54	9.06	10	95	91	63-140	5.20	20
Styrene	7.63	7.79	10	76	78	62-133	2.03	20
1,1,1,2-Tetrachloroethane	8.44	8.58	10	84	86	69-128	1.67	20
1,1,2,2-Tetrachloroethane	6.62	7.05	10	66	71	60-118	6.28	20
Tetrachloroethene	7.50	7.64	10	75	76	63-136	1.81	20
Toluene	8.09	8.24	10	81	82	67-124	1.87	20
1,2,3-Trichlorobenzene	9.53	8.68	10	95	87	57-145	9.39	20
1,2,4-Trichlorobenzene	8.41	7.91	10	84	79	60-144	6.03	20
1,1,1-Trichloroethane	8.93	9.15	10	89	91	70-133	2.45	20
1,1,2-Trichloroethane	7.33	7.69	10	73	77	65-125	4.79	20
Trichloroethene	8.21	8.33	10	82	83	67-133	1.51	20
Trichlorofluoromethane	9.70	9.94	10	97	99	59-145	2.46	20
1,2,3-Trichloropropane	7.22	7.55	10	72	76	65-115	4.55	20
1,2,4-Trimethylbenzene	8.45	8.44	10	85	84	67-136	0.161	20
1,3,5-Trimethylbenzene	8.64	8.54	10	86	85	68-135	1.13	20
Vinyl Chloride	10.1	9.52	10	101	95	53-146	5.78	20
Xylenes, Total	25.7	25.6	30	86	85	68-128	0.240	20
Surrogate Recovery								
Dibromofluoromethane	24.9	25.1	25	100	100	91-133	0	20
Toluene-d8	23.4	23.8	25	94	95	87-127	1.34	20
4-BFB	2.15	2.10	2.5	86	84	66-140	2.15	20

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Quality Control Report

Client:	AEI Consultants	**WorkOrder:**	1801982
Date Prepared:	1/23/18	**BatchID:**	152116
Date Analyzed:	1/23/18	**Extraction Method:**	SW5030B
Instrument:	GC10	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	3442 Adeline St. Oakland, CA	**Sample ID:**	MB/LCS/LCSD-152116

QC Summary Report for SW8260B

Analyte	MB Result	RL	SPK Val	MB SS %REC	MB SS Limits
Acetone	ND	10	-	-	-
tert-Amyl methyl ether (TAME)	ND	0.50	-	-	-
Benzene	ND	0.50	-	-	-
Bromobenzene	ND	0.50	-	-	-
Bromochloromethane	ND	0.50	-	-	-
Bromodichloromethane	ND	0.50	-	-	-
Bromoform	ND	0.50	-	-	-
Bromomethane	ND	0.50	-	-	-
2-Butanone (MEK)	ND	2.0	-	-	-
t-Butyl alcohol (TBA)	ND	2.0	-	-	-
n-Butyl benzene	ND	0.50	-	-	-
sec-Butyl benzene	ND	0.50	-	-	-
tert-Butyl benzene	ND	0.50	-	-	-
Carbon Disulfide	ND	0.50	-	-	-
Carbon Tetrachloride	ND	0.50	-	-	-
Chlorobenzene	ND	0.50	-	-	-
Chloroethane	ND	0.50	-	-	-
Chloroform	ND	0.50	-	-	-
Chloromethane	ND	0.50	-	-	-
2-Chlorotoluene	ND	0.50	-	-	-
4-Chlorotoluene	ND	0.50	-	-	-
Dibromochloromethane	ND	0.50	-	-	-
1,2-Dibromo-3-chloropropane	ND	0.20	-	-	-
1,2-Dibromoethane (EDB)	ND	0.50	-	-	-
Dibromomethane	ND	0.50	-	-	-
1,2-Dichlorobenzene	ND	0.50	-	-	-
1,3-Dichlorobenzene	ND	0.50	-	-	-
1,4-Dichlorobenzene	ND	0.50	-	-	-
Dichlorodifluoromethane	ND	0.50	-	-	-
1,1-Dichloroethane	ND	0.50	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.50	-	-	-
1,1-Dichloroethene	ND	0.50	-	-	-
cis-1,2-Dichloroethene	ND	0.50	-	-	-
trans-1,2-Dichloroethene	ND	0.50	-	-	-
1,2-Dichloropropane	ND	0.50	-	-	-
1,3-Dichloropropane	ND	0.50	-	-	-
2,2-Dichloropropane	ND	0.50	-	-	-
1,1-Dichloropropene	ND	0.50	-	-	-
cis-1,3-Dichloropropene	ND	0.50	-	-	-

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Quality Control Report

Client:	AEI Consultants	**WorkOrder:**	1801982
Date Prepared:	1/23/18	**BatchID:**	152116
Date Analyzed:	1/23/18	**Extraction Method:**	SW5030B
Instrument:	GC10	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	3442 Adeline St. Oakland, CA	**Sample ID:**	MB/LCS/LCSD-152116

QC Summary Report for SW8260B

Analyte	MB Result	RL	SPK Val	MB SS %REC	MB SS Limits
trans-1,3-Dichloropropene	ND	0.50	-	-	-
Diisopropyl ether (DIPE)	ND	0.50	-	-	-
Ethylbenzene	ND	0.50	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.50	-	-	-
Freon 113	ND	0.50	-	-	-
Hexachlorobutadiene	ND	0.50	-	-	-
Hexachloroethane	ND	0.50	-	-	-
2-Hexanone	ND	0.50	-	-	-
Isopropylbenzene	ND	0.50	-	-	-
4-Isopropyl toluene	ND	0.50	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.50	-	-	-
Methylene chloride	ND	0.50	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	0.50	-	-	-
Naphthalene	ND	0.50	-	-	-
n-Propyl benzene	ND	0.50	-	-	-
Styrene	ND	0.50	-	-	-
1,1,1,2-Tetrachloroethane	ND	0.50	-	-	-
1,1,2,2-Tetrachloroethane	ND	0.50	-	-	-
Tetrachloroethene	ND	0.50	-	-	-
Toluene	ND	0.50	-	-	-
1,2,3-Trichlorobenzene	ND	0.50	-	-	-
1,2,4-Trichlorobenzene	ND	0.50	-	-	-
1,1,1-Trichloroethane	ND	0.50	-	-	-
1,1,2-Trichloroethane	ND	0.50	-	-	-
Trichloroethene	ND	0.50	-	-	-
Trichlorofluoromethane	ND	0.50	-	-	-
1,2,3-Trichloropropane	ND	0.50	-	-	-
1,2,4-Trimethylbenzene	ND	0.50	-	-	-
1,3,5-Trimethylbenzene	ND	0.50	-	-	-
Vinyl Chloride	ND	0.50	-	-	-
Xylenes, Total	ND	0.50	-	-	-
Surrogate Recovery					
Dibromofluoromethane	26.36		25	105	91-133
Toluene-d8	28.18		25	113	87-127
4-BFB	2.338		2.5	94	66-140

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Quality Control Report

Client:	AEI Consultants	**WorkOrder:**	1801982
Date Prepared:	1/23/18	**BatchID:**	152116
Date Analyzed:	1/23/18	**Extraction Method:**	SW5030B
Instrument:	GC10	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	3442 Adeline St. Oakland, CA	**Sample ID:**	MB/LCS/LCSD-152116

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acetone	200	196	200	100	98	47-122	1.97	20
tert-Amyl methyl ether (TAME)	9.81	9.46	10	98	95	62-121	3.63	20
Benzene	10.3	9.68	10	103	97	74-121	6.28	20
Bromobenzene	10.4	9.55	10	104	95	63-127	8.64	20
Bromochloromethane	10.1	9.54	10	101	95	70-126	6.06	20
Bromodichloromethane	9.87	9.43	10	99	94	66-127	4.55	20
Bromoform	10.6	10.1	10	106	101	60-119	4.97	20
Bromomethane	12.5	11.2	10	125	112	32-155	11.0	20
2-Butanone (MEK)	36.5	35.4	40	91	88	51-117	3.18	20
t-Butyl alcohol (TBA)	35.6	35.8	40	89	89	41-122	0	20
n-Butyl benzene	11.5	10.3	10	115	103	73-137	11.3	20
sec-Butyl benzene	11.5	10.5	10	115	105	71-137	8.66	20
tert-Butyl benzene	11.8	10.8	10	117	108	61-136	8.35	20
Carbon Disulfide	9.40	8.82	10	94	88	61-139	6.47	20
Carbon Tetrachloride	9.98	9.37	10	100	94	69-137	6.35	20
Chlorobenzene	10.1	9.55	10	101	96	71-122	5.90	20
Chloroethane	10.4	9.04	10	104	90	54-132	13.7	20
Chloroform	9.83	9.37	10	98	94	73-122	4.71	20
Chloromethane	10.7	9.22	10	107	92	48-136	15.0	20
2-Chlorotoluene	10.4	9.63	10	104	96	65-134	7.31	20
4-Chlorotoluene	10.2	9.53	10	102	95	65-130	6.65	20
Dibromochloromethane	9.93	9.51	10	99	95	65-121	4.36	20
1,2-Dibromo-3-chloropropane	3.89	3.84	4	97	96	41-132	1.41	20
1,2-Dibromoethane (EDB)	9.67	9.25	10	97	93	67-125	4.42	20
Dibromomethane	9.74	9.42	10	97	94	68-121	3.39	20
1,2-Dichlorobenzene	10.5	9.98	10	105	100	69-128	5.03	20
1,3-Dichlorobenzene	11.0	10.3	10	111	103	71-131	7.17	20
1,4-Dichlorobenzene	10.9	10.2	10	109	102	70-128	6.49	20
Dichlorodifluoromethane	8.10	7.25	10	81	72	21-158	11.1	20
1,1-Dichloroethane	9.86	9.32	10	99	93	73-123	5.62	20
1,2-Dichloroethane (1,2-DCA)	9.52	9.11	10	95	91	61-127	4.42	20
1,1-Dichloroethene	9.46	8.84	10	95	88	68-130	6.75	20
cis-1,2-Dichloroethene	9.71	9.19	10	97	92	72-123	5.55	20
trans-1,2-Dichloroethene	9.80	9.22	10	98	92	64-138	6.13	20
1,2-Dichloropropane	9.84	9.49	10	98	95	71-121	3.62	20
1,3-Dichloropropane	9.49	8.90	10	95	89	69-120	6.43	20
2,2-Dichloropropane	9.67	9.03	10	97	90	64-142	6.79	20
1,1-Dichloropropene	9.66	8.95	10	97	90	70-130	7.53	20
cis-1,3-Dichloropropene	9.69	9.18	10	97	92	58-136	5.32	20

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Quality Control Report

Client:	AEI Consultants	**WorkOrder:**	1801982
Date Prepared:	1/23/18	**BatchID:**	152116
Date Analyzed:	1/23/18	**Extraction Method:**	SW5030B
Instrument:	GC10	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	3442 Adeline St. Oakland, CA	**Sample ID:**	MB/LCS/LCSD-152116

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
trans-1,3-Dichloropropene	10.2	9.73	10	102	97	66-119	4.97	20
Diisopropyl ether (DIPE)	10.4	9.98	10	104	100	66-123	3.95	20
Ethylbenzene	10.7	10.0	10	107	100	71-125	6.81	20
Ethyl tert-butyl ether (ETBE)	9.98	9.63	10	100	96	67-122	3.62	20
Freon 113	9.30	8.69	10	93	87	68-132	6.78	20
Hexachlorobutadiene	10.7	10.1	10	107	101	56-155	6.34	20
Hexachloroethane	10.7	9.64	10	107	96	61-129	10.1	20
2-Hexanone	10.0	9.78	10	100	98	51-115	2.71	20
Isopropylbenzene	10.8	10.2	10	108	102	66-134	5.45	20
4-Isopropyl toluene	11.4	10.3	10	114	103	70-136	9.64	20
Methyl-t-butyl ether (MTBE)	9.27	8.97	10	93	90	64-118	3.31	20
Methylene chloride	9.22	8.86	10	92	89	62-121	4.09	20
4-Methyl-2-pentanone (MIBK)	9.84	9.38	10	98	94	51-115	4.85	20
Naphthalene	10.1	10.0	10	101	100	55-137	0.773	20
n-Propyl benzene	10.4	9.72	10	104	97	63-140	6.34	20
Styrene	9.55	9.39	10	96	94	62-133	1.70	20
1,1,1,2-Tetrachloroethane	10.2	9.37	10	102	94	69-128	8.07	20
1,1,2,2-Tetrachloroethane	10.6	9.86	10	106	99	60-118	6.81	20
Tetrachloroethene	9.97	9.22	10	100	92	63-136	7.77	20
Toluene	9.71	9.14	10	97	91	67-124	6.07	20
1,2,3-Trichlorobenzene	10.1	9.88	10	101	99	57-145	1.89	20
1,2,4-Trichlorobenzene	10.1	9.60	10	101	96	60-144	5.46	20
1,1,1-Trichloroethane	9.82	9.21	10	98	92	70-133	6.40	20
1,1,2-Trichloroethane	9.68	9.22	10	97	92	65-125	4.88	20
Trichloroethene	9.84	9.20	10	98	92	67-133	6.71	20
Trichlorofluoromethane	9.54	8.90	10	95	89	59-145	6.97	20
1,2,3-Trichloropropane	10.3	9.83	10	103	98	65-115	5.10	20
1,2,4-Trimethylbenzene	11.2	10.2	10	112	102	67-136	9.63	20
1,3,5-Trimethylbenzene	11.0	10.0	10	110	100	68-135	9.45	20
Vinyl Chloride	10.7	9.42	10	107	94	53-146	12.8	20
Xylenes, Total	29.8	28.8	30	99	96	68-128	3.52	20
Surrogate Recovery								
Dibromofluoromethane	26.4	26.7	25	105	107	91-133	1.34	20
Toluene-d8	28.5	28.4	25	114	113	87-127	0.536	20
4-BFB	2.57	2.58	2.5	103	103	66-140	0	20

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Quality Control Report

Client:	AEI Consultants	**WorkOrder:**	1801982
Date Prepared:	1/24/18	**BatchID:**	152193
Date Analyzed:	1/24/18	**Extraction Method:**	SW5030B
Instrument:	GC10	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	3442 Adeline St. Oakland, CA	**Sample ID:**	MB/LCS/LCSD-152193

QC Summary Report for SW8260B

Analyte	MB Result	RL	SPK Val	MB SS %REC	MB SS Limits
Acetone	ND	10	-	-	-
tert-Amyl methyl ether (TAME)	ND	0.50	-	-	-
Benzene	ND	0.50	-	-	-
Bromobenzene	ND	0.50	-	-	-
Bromochloromethane	ND	0.50	-	-	-
Bromodichloromethane	ND	0.50	-	-	-
Bromoform	ND	0.50	-	-	-
Bromomethane	ND	0.50	-	-	-
2-Butanone (MEK)	ND	2.0	-	-	-
t-Butyl alcohol (TBA)	ND	2.0	-	-	-
n-Butyl benzene	ND	0.50	-	-	-
sec-Butyl benzene	ND	0.50	-	-	-
tert-Butyl benzene	ND	0.50	-	-	-
Carbon Disulfide	ND	0.50	-	-	-
Carbon Tetrachloride	ND	0.50	-	-	-
Chlorobenzene	ND	0.50	-	-	-
Chloroethane	ND	0.50	-	-	-
Chloroform	ND	0.50	-	-	-
Chloromethane	ND	0.50	-	-	-
2-Chlorotoluene	ND	0.50	-	-	-
4-Chlorotoluene	ND	0.50	-	-	-
Dibromochloromethane	ND	0.50	-	-	-
1,2-Dibromo-3-chloropropane	ND	0.20	-	-	-
1,2-Dibromoethane (EDB)	ND	0.50	-	-	-
Dibromomethane	ND	0.50	-	-	-
1,2-Dichlorobenzene	ND	0.50	-	-	-
1,3-Dichlorobenzene	ND	0.50	-	-	-
1,4-Dichlorobenzene	ND	0.50	-	-	-
Dichlorodifluoromethane	ND	0.50	-	-	-
1,1-Dichloroethane	ND	0.50	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.50	-	-	-
1,1-Dichloroethene	ND	0.50	-	-	-
cis-1,2-Dichloroethene	ND	0.50	-	-	-
trans-1,2-Dichloroethene	ND	0.50	-	-	-
1,2-Dichloropropane	ND	0.50	-	-	-
1,3-Dichloropropane	ND	0.50	-	-	-
2,2-Dichloropropane	ND	0.50	-	-	-
1,1-Dichloropropene	ND	0.50	-	-	-
cis-1,3-Dichloropropene	ND	0.50	-	-	-

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Quality Control Report

Client:	AEI Consultants	**WorkOrder:**	1801982
Date Prepared:	1/24/18	**BatchID:**	152193
Date Analyzed:	1/24/18	**Extraction Method:**	SW5030B
Instrument:	GC10	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	3442 Adeline St. Oakland, CA	**Sample ID:**	MB/LCS/LCSD-152193

QC Summary Report for SW8260B

Analyte	MB Result	RL	SPK Val	MB SS %REC	MB SS Limits
trans-1,3-Dichloropropene	ND	0.50	-	-	-
Diisopropyl ether (DIPE)	ND	0.50	-	-	-
Ethylbenzene	ND	0.50	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.50	-	-	-
Freon 113	ND	0.50	-	-	-
Hexachlorobutadiene	ND	0.50	-	-	-
Hexachloroethane	ND	0.50	-	-	-
2-Hexanone	ND	0.50	-	-	-
Isopropylbenzene	ND	0.50	-	-	-
4-Isopropyl toluene	ND	0.50	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.50	-	-	-
Methylene chloride	ND	0.50	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	0.50	-	-	-
Naphthalene	ND	0.50	-	-	-
n-Propyl benzene	ND	0.50	-	-	-
Styrene	ND	0.50	-	-	-
1,1,1,2-Tetrachloroethane	ND	0.50	-	-	-
1,1,2,2-Tetrachloroethane	ND	0.50	-	-	-
Tetrachloroethene	ND	0.50	-	-	-
Toluene	ND	0.50	-	-	-
1,2,3-Trichlorobenzene	ND	0.50	-	-	-
1,2,4-Trichlorobenzene	ND	0.50	-	-	-
1,1,1-Trichloroethane	ND	0.50	-	-	-
1,1,2-Trichloroethane	ND	0.50	-	-	-
Trichloroethene	ND	0.50	-	-	-
Trichlorofluoromethane	ND	0.50	-	-	-
1,2,3-Trichloropropane	ND	0.50	-	-	-
1,2,4-Trimethylbenzene	ND	0.50	-	-	-
1,3,5-Trimethylbenzene	ND	0.50	-	-	-
Vinyl Chloride	ND	0.50	-	-	-
Xylenes, Total	ND	0.50	-	-	-
Surrogate Recovery					
Dibromofluoromethane	26.06		25	104	91-133
Toluene-d8	27.8		25	111	87-127
4-BFB	2.307		2.5	92	66-140

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Quality Control Report

Client:	AEI Consultants	**WorkOrder:**	1801982
Date Prepared:	1/24/18	**BatchID:**	152193
Date Analyzed:	1/24/18	**Extraction Method:**	SW5030B
Instrument:	GC10	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	3442 Adeline St. Oakland, CA	**Sample ID:**	MB/LCS/LCSD-152193

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acetone	202	196	200	101	98	47-122	3.15	20
tert-Amyl methyl ether (TAME)	9.48	9.36	10	95	94	62-121	1.27	20
Benzene	10.5	10.4	10	105	104	74-121	0.925	20
Bromobenzene	10.1	10.2	10	101	102	63-127	1.33	20
Bromochloromethane	10.2	9.89	10	102	99	70-126	3.43	20
Bromodichloromethane	9.84	9.76	10	98	98	66-127	0	20
Bromoform	9.98	9.76	10	100	98	60-119	2.24	20
Bromomethane	12.9	12.7	10	129	127	32-155	1.39	20
2-Butanone (MEK)	36.8	35.6	40	92	89	51-117	3.45	20
t-Butyl alcohol (TBA)	35.4	34.4	40	89	86	41-122	2.80	20
n-Butyl benzene	11.2	11.1	10	112	111	73-137	1.19	20
sec-Butyl benzene	11.5	11.3	10	115	113	71-137	1.95	20
tert-Butyl benzene	10.6	11.5	10	106	115	61-136	8.04	20
Carbon Disulfide	9.43	9.30	10	94	93	61-139	1.33	20
Carbon Tetrachloride	9.97	9.82	10	100	98	69-137	1.53	20
Chlorobenzene	10.2	9.97	10	102	100	71-122	2.67	20
Chloroethane	10.5	10.5	10	105	105	54-132	0	20
Chloroform	9.96	9.87	10	100	99	73-122	0.935	20
Chloromethane	11.0	10.9	10	110	109	48-136	1.42	20
2-Chlorotoluene	10.4	10.2	10	104	102	65-134	1.85	20
4-Chlorotoluene	10.2	9.99	10	102	100	65-130	1.75	20
Dibromochloromethane	9.61	9.32	10	96	93	65-121	3.05	20
1,2-Dibromo-3-chloropropane	3.48	3.48	4	87	87	41-132	0	20
1,2-Dibromoethane (EDB)	9.21	8.94	10	92	89	67-125	3.00	20
Dibromomethane	9.64	9.39	10	96	94	68-121	2.60	20
1,2-Dichlorobenzene	10.5	10.3	10	105	103	69-128	2.15	20
1,3-Dichlorobenzene	11.1	10.9	10	111	109	71-131	1.72	20
1,4-Dichlorobenzene	10.9	10.6	10	109	106	70-128	2.59	20
Dichlorodifluoromethane	8.30	7.97	10	83	80	21-158	3.97	20
1,1-Dichloroethane	9.95	9.94	10	99	99	73-123	0	20
1,2-Dichloroethane (1,2-DCA)	9.51	9.41	10	95	94	61-127	1.08	20
1,1-Dichloroethene	9.50	9.31	10	95	93	68-130	1.95	20
cis-1,2-Dichloroethene	9.79	9.81	10	98	98	72-123	0	20
trans-1,2-Dichloroethene	9.92	9.71	10	99	97	64-138	2.09	20
1,2-Dichloropropane	9.99	9.93	10	100	99	71-121	0.586	20
1,3-Dichloropropane	9.00	8.75	10	90	87	69-120	2.91	20
2,2-Dichloropropane	9.74	9.55	10	97	96	64-142	1.97	20
1,1-Dichloropropene	9.74	9.53	10	97	95	70-130	2.10	20
cis-1,3-Dichloropropene	9.43	9.25	10	94	92	58-136	1.96	20

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Quality Control Report

Client:	AEI Consultants	**WorkOrder:**	1801982
Date Prepared:	1/24/18	**BatchID:**	152193
Date Analyzed:	1/24/18	**Extraction Method:**	SW5030B
Instrument:	GC10	**Analytical Method:**	SW8260B
Matrix:	Water	**Unit:**	µg/L
Project:	3442 Adeline St. Oakland, CA	**Sample ID:**	MB/LCS/LCSD-152193

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
trans-1,3-Dichloropropene	10.0	9.74	10	100	97	66-119	2.64	20
Diisopropyl ether (DIPE)	10.7	10.6	10	107	106	66-123	0.986	20
Ethylbenzene	10.8	10.5	10	108	105	71-125	3.35	20
Ethyl tert-butyl ether (ETBE)	10.0	9.86	10	100	99	67-122	1.61	20
Freon 113	9.36	9.28	10	94	93	68-132	0.908	20
Hexachlorobutadiene	10.7	10.5	10	107	105	56-155	1.61	20
Hexachloroethane	10.3	10.4	10	103	104	61-129	0.917	20
2-Hexanone	9.40	9.19	10	94	92	51-115	2.31	20
Isopropylbenzene	11.2	10.6	10	111	106	66-134	4.54	20
4-Isopropyl toluene	11.3	11.2	10	113	112	70-136	1.36	20
Methyl-t-butyl ether (MTBE)	9.02	8.80	10	90	88	64-118	2.45	20
Methylene chloride	9.42	9.36	10	94	94	62-121	0	20
4-Methyl-2-pentanone (MIBK)	9.17	8.87	10	92	89	51-115	3.38	20
Naphthalene	9.47	9.40	10	95	94	55-137	0.748	20
n-Propyl benzene	10.5	10.2	10	105	102	63-140	2.60	20
Styrene	9.87	9.46	10	99	95	62-133	4.22	20
1,1,1,2-Tetrachloroethane	9.92	9.78	10	99	98	69-128	1.44	20
1,1,2,2-Tetrachloroethane	9.58	9.68	10	96	97	60-118	1.06	20
Tetrachloroethene	9.95	9.67	10	100	97	63-136	2.92	20
Toluene	9.69	9.54	10	97	95	67-124	1.62	20
1,2,3-Trichlorobenzene	9.76	9.63	10	98	96	57-145	1.33	20
1,2,4-Trichlorobenzene	9.91	9.68	10	99	97	60-144	2.40	20
1,1,1-Trichloroethane	9.95	9.78	10	99	98	70-133	1.70	20
1,1,2-Trichloroethane	9.25	9.13	10	92	91	65-125	1.26	20
Trichloroethene	9.94	9.85	10	99	98	67-133	0.928	20
Trichlorofluoromethane	9.54	9.36	10	95	94	59-145	1.88	20
1,2,3-Trichloropropane	9.52	9.70	10	95	97	65-115	1.84	20
1,2,4-Trimethylbenzene	11.0	11.1	10	110	111	67-136	0.908	20
1,3,5-Trimethylbenzene	10.8	10.8	10	108	108	68-135	0	20
Vinyl Chloride	10.8	10.6	10	108	106	53-146	1.57	20
Xylenes, Total	31.0	29.6	30	103	99	68-128	4.64	20
Surrogate Recovery								
Dibromofluoromethane	26.2	26.5	25	105	106	91-133	1.24	20
Toluene-d8	27.9	28.2	25	112	113	87-127	1.09	20
4-BFB	2.45	2.54	2.5	98	102	66-140	3.58	20

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Quality Control Report

Client:	AEI Consultants	**WorkOrder:**	1801982
Date Prepared:	1/19/18 - 1/20/18	**BatchID:**	151998
Date Analyzed:	1/19/18 - 1/20/18	**Extraction Method:**	SW5030B
Instrument:	GC7	**Analytical Method:**	SW8021B/8015Bm
Matrix:	Water	**Unit:**	µg/L
Project:	3442 Adeline St. Oakland, CA	**Sample ID:**	MB/LCS-151998 1801982-001AMS/MSD

QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	RL	SPK Val	MB SS %REC	MB SS Limits
TPH(g) (C6-C12)	ND	50	-	-	-
MTBE	ND	5.0	-	-	-
Benzene	ND	0.50	-	-	-
Toluene	ND	0.50	-	-	-
Ethylbenzene	ND	0.50	-	-	-
Xylenes	ND	0.50	-	-	-
Surrogate Recovery					
aaa-TFT	9.19		10	92	89-116

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH(btex)	56.6	-	60	94	-	78-116	-	-
MTBE	9.79	-	10	98	-	72-122	-	-
Benzene	10.2	-	10	102	-	81-123	-	-
Toluene	11.5	-	10	115	-	83-129	-	-
Ethylbenzene	10.6	-	10	106	-	88-126	-	-
Xylenes	31.8	-	30	106	-	87-131	-	-
Surrogate Recovery								
aaa-TFT	10.2	-	10	102	-	89-116	-	-

Analyte	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
TPH(btex)	61.0	63.6	60	ND	102	106	63-133	4.23	20
MTBE	10.2	10.2	10	ND	102	102	69-122	0	20
Benzene	11.2	11.2	10	ND	110	111	84-125	0.523	20
Toluene	12.0	12.0	10	ND	120	120	87-131	0	20
Ethylbenzene	11.4	11.6	10	ND	114	116	92-126	1.67	20
Xylenes	33.4	33.6	30	ND	111	112	88-132	0.717	20
Surrogate Recovery									
aaa-TFT	10.7	10.6	10		107	106	90-117	1.01	20

DRAFT

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1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	AEI Consultants	**WorkOrder:**	1801982
Date Prepared:	1/18/18	**BatchID:**	151880
Date Analyzed:	1/19/18	**Extraction Method:**	SW3510C
Instrument:	GC39A	**Analytical Method:**	SW8015B
Matrix:	Water	**Unit:**	µg/L
Project:	3442 Adeline St. Oakland, CA	**Sample ID:**	MB/LCS/LCSD-151880

QC Report for SW8015D w/out SG Clean-Up

Analyte	MB Result	RL	SPK Val	MB SS %REC	MB SS Limits
TPH-Diesel (C10-C23)	ND	50	-	-	-
TPH-Motor Oil (C18-C36)	ND	250	-	-	-
Surrogate Recovery					
C9	544		625	87	68-127

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	968	963	1000	97	96	86-142	0.537	30
Surrogate Recovery								
C9	551	556	625	88	89	68-127	0.889	30

DRAFT

(Cont.)

NELAP 4033ORELAP

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Quality Control Report

Client:	AEI Consultants	**WorkOrder:**	1801982
Date Prepared:	1/22/18	**BatchID:**	152033
Date Analyzed:	1/22/18 - 1/23/18	**Extraction Method:**	SW3510C
Instrument:	GC9a	**Analytical Method:**	SW8015B
Matrix:	Water	**Unit:**	µg/L
Project:	3442 Adeline St. Oakland, CA	**Sample ID:**	MB/LCS/LCSD-152033

QC Report for SW8015D w/out SG Clean-Up

Analyte	MB Result	RL	SPK Val	MB SS %REC	MB SS Limits
TPH-Diesel (C10-C23)	ND	50	-	-	-
TPH-Motor Oil (C18-C36)	ND	250	-	-	-
Surrogate Recovery					
C9	577		625	92	68-127

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	1040	1060	1000	104	106	86-142	1.80	30
Surrogate Recovery								
C9	574	585	625	92	94	68-127	1.86	30

DRAFT

NELAP 4033ORELAP

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1801982 **ClientCode: AEL**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☒ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag
☒ Detection Summary ☒ Dry-Weight

Report to:
Jacqueline Day
AEI Consultants
2500 Camino Diablo, Ste.#200
Walnut Creek, CA 94597
(925) 283-6000 FAX: (925) 944-2895

Email: jday@aeiconsultants.com
cc/3rd Party:
PO:
Project: 180117-DLI;

Bill to:
Accounts Payable
AEI Consultants
2500 Camino Diablo, Ste. #200
Walnut Creek, CA 94597
AccountsPayable@AEIConsultants.com

Requested TAT: 5 days;

Date Received: 01/18/2018
Date Logged: 01/18/2018

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
1801982-001	BF-1	Water	1/17/2018 13:09	☐	B	A	A									
1801982-002	BF-5	Water	1/17/2018 11:46	☐	B	A	A									
1801982-003	MW-1	Water	1/17/2018 12:25	☐	B	A	A									
1801982-004	MW-2	Water	1/17/2018 13:20	☐	B	A	A									
1801982-005	MW-3	Water	1/17/2018 12:40	☐	B	A	A									
1801982-006	MW-4	Water	1/17/2018 12:10	☐	B	A	A									
1801982-007	MW-5	Water	1/17/2018 11:25	☐	B	A	A									
1801982-008	MW-6	Water	1/17/2018 10:50	☐	B	A	A									
1801982-009	MW-7	Water	1/17/2018 11:00	☐	B	A	A									
1801982-010	IW-1	Water	1/17/2018 10:35	☐	B	A	A									

DRAFT

Test Legend:

1	8260VOC_W	2	G-MBTEX_W	3	TPH(DMO)_W	4	
5		6		7		8	
9		10		11		12	

Prepared by: Alexandra Iniguez

The following SampIDs: 001A, 002A, 003A, 004A, 005A, 006A, 007A, 008A, 009A, 010A 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.

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WORK ORDER SUMMARY

Client Name: AEI CONSULTANTS
Client Contact: Jacqueline Day
Contact's Email: jday@aeiconsultants.com

Project: 180117-DLI;
Comments:

Work Order: 1801982
QC Level: LEVEL 2
Date Logged: 1/18/2018

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ 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
1801982-001A	BF-1	Water	Multi-Range TPH(g,d,mo) by EPA 8015Bm	4	2 VOAs w/HCL + 2-aVOAs (multi-range)	☐	1/17/2018 13:09	5 days		☐	
1801982-001B	BF-1	Water	SW8260B (VOCs) <Benzene, Diisopropyl ether (DIPE), Ethyl tert-butyl ether (ETBE), Ethylbenzene, Methyl-t-butyl ether (MTBE), tert-Amyl methyl ether (TAME), Toluene, Xylenes, Total>	2	VOA w/ HCl	☐	1/17/2018 13:09	5 days		☐	
1801982-002A	BF-5	Water	Multi-Range TPH(g,d,mo) by EPA 8015Bm	4	2 VOAs w/HCL + 2-aVOAs (multi-range)	☐	1/17/2018 11:46	5 days		☐	
1801982-002B	BF-5	Water	SW8260B (VOCs) <Benzene, Diisopropyl ether (DIPE), Ethyl tert-butyl ether (ETBE), Ethylbenzene, Methyl-t-butyl ether (MTBE), tert-Amyl methyl ether (TAME), Toluene, Xylenes, Total>	2	VOA w/ HCl	☐	1/17/2018 11:46	5 days		☐	
1801982-003A	MW-1	Water	Multi-Range TPH(g,d,mo) by EPA 8015Bm	4	2 VOAs w/HCL + 2-aVOAs (multi-range)	☐	1/17/2018 12:25	5 days		☐	
1801982-003B	MW-1	Water	SW8260B (VOCs) <Benzene, Diisopropyl ether (DIPE), Ethyl tert-butyl ether (ETBE), Ethylbenzene, Methyl-t-butyl ether (MTBE), tert-Amyl methyl ether (TAME), Toluene, Xylenes, Total>	2	VOA w/ HCl	☐	1/17/2018 12:25	5 days		☐	

DRAFT

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.

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WORK ORDER SUMMARY

Client Name: AEI CONSULTANTS
Client Contact: Jacqueline Day
Contact's Email: jday@aeiconsultants.com

Project: 180117-DLI;
Comments:

Work Order: 1801982
QC Level: LEVEL 2
Date Logged: 1/18/2018

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ 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
1801982-004A	MW-2	Water	Multi-Range TPH(g,d,mo) by EPA 8015Bm	4	2 VOAs w/HCL + 2-aVOAs (multi-range)	☐	1/17/2018 13:20	5 days		☐	
1801982-004B	MW-2	Water	SW8260B (VOCs) <Benzene, Diisopropyl ether (DIPE), Ethyl tert-butyl ether (ETBE), Ethylbenzene, Methyl-t-butyl ether (MTBE), tert-Amyl methyl ether (TAME), Toluene, Xylenes, Total>	2	VOA w/ HCl	☐	1/17/2018 13:20	5 days		☐	
1801982-005A	MW-3	Water	Multi-Range TPH(g,d,mo) by EPA 8015Bm	4	2 VOAs w/HCL + 2-aVOAs (multi-range)	☐	1/17/2018 12:40	5 days		☐	
1801982-005B	MW-3	Water	SW8260B (VOCs) <Benzene, Diisopropyl ether (DIPE), Ethyl tert-butyl ether (ETBE), Ethylbenzene, Methyl-t-butyl ether (MTBE), tert-Amyl methyl ether (TAME), Toluene, Xylenes, Total>	2	VOA w/ HCl	☐	1/17/2018 12:40	5 days		☐	
1801982-006A	MW-4	Water	Multi-Range TPH(g,d,mo) by EPA 8015Bm	4	2 VOAs w/HCL + 2-aVOAs (multi-range)	☐	1/17/2018 12:10	5 days		☐	
1801982-006B	MW-4	Water	SW8260B (VOCs) <Benzene, Diisopropyl ether (DIPE), Ethyl tert-butyl ether (ETBE), Ethylbenzene, Methyl-t-butyl ether (MTBE), tert-Amyl methyl ether (TAME), Toluene, Xylenes, Total>	2	VOA w/ HCl	☐	1/17/2018 12:10	5 days		☐	

DRAFT

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WORK ORDER SUMMARY

Client Name: AEI CONSULTANTS
Client Contact: Jacqueline Day
Contact's Email: jday@aeiconsultants.com

Project: 180117-DLI;
Comments:

Work Order: 1801982
QC Level: LEVEL 2
Date Logged: 1/18/2018

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ 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
1801982-007A	MW-5	Water	Multi-Range TPH(g,d,mo) by EPA 8015Bm	4	2 VOAs w/HCL + 2-aVOAs (multi-range)	☐	1/17/2018 11:25	5 days		☐	
1801982-007B	MW-5	Water	SW8260B (VOCs) <Benzene, Diisopropyl ether (DIPE), Ethyl tert-butyl ether (ETBE), Ethylbenzene, Methyl-t-butyl ether (MTBE), tert-Amyl methyl ether (TAME), Toluene, Xylenes, Total>	2	VOA w/ HCl	☐	1/17/2018 11:25	5 days		☐	
1801982-008A	MW-6	Water	Multi-Range TPH(g,d,mo) by EPA 8015Bm	4	2 VOAs w/HCL + 2-aVOAs (multi-range)	☐	1/17/2018 10:50	5 days		☐	
1801982-008B	MW-6	Water	SW8260B (VOCs) <Benzene, Diisopropyl ether (DIPE), Ethyl tert-butyl ether (ETBE), Ethylbenzene, Methyl-t-butyl ether (MTBE), tert-Amyl methyl ether (TAME), Toluene, Xylenes, Total>	2	VOA w/ HCl	☐	1/17/2018 10:50	5 days		☐	
1801982-009A	MW-7	Water	Multi-Range TPH(g,d,mo) by EPA 8015Bm	4	2 VOAs w/HCL + 2-aVOAs (multi-range)	☐	1/17/2018 11:00	5 days		☐	
1801982-009B	MW-7	Water	SW8260B (VOCs) <Benzene, Diisopropyl ether (DIPE), Ethyl tert-butyl ether (ETBE), Ethylbenzene, Methyl-t-butyl ether (MTBE), tert-Amyl methyl ether (TAME), Toluene, Xylenes, Total>	2	VOA w/ HCl	☐	1/17/2018 11:00	5 days		☐	

DRAFT

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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WORK ORDER SUMMARY

Client Name: AEI CONSULTANTS
Client Contact: Jacqueline Day
Contact's Email: jday@aeiconsultants.com

Project: 180117-DLI;
Comments:

Work Order: 1801982
QC Level: LEVEL 2
Date Logged: 1/18/2018

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ 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
1801982-010A	IW-1	Water	Multi-Range TPH(g,d,mo) by EPA 8015Bm	4	2 VOAs w/HCL + 2-aVOAs (multi-range)	☐	1/17/2018 10:35	5 days		☐	
1801982-010B	IW-1	Water	SW8260B (VOCs) <Benzene, Diisopropyl ether (DIPE), Ethyl tert-butyl ether (ETBE), Ethylbenzene, Methyl-t-butyl ether (MTBE), tert-Amyl methyl ether (TAME), Toluene, Xylenes, Total>	2	VOA w/ HCl	☐	1/17/2018 10:35	5 days		☐	

DRAFT

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.

BLAINE
TECH SERVICES, INC.

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

CHAIN OF CUSTODY BTS # 180117-DL1

CLIENT: AEI Consultants

SITE: 3442 Adeline St.
Oakland, CA

CONDUCT ANALYSIS TO DETECT

LAB: McCampbell

DHS #

18019982

SPECAL INSTRUCTIONS

Invoice and Report to : AEI Consultants
Attn: Jacqueline Day

jday@aeiconsultants.com

SAMPLE I.D.	DATE	TIME	MATRIX S= SOIL W=H_2O	CONTAINERS TOTAL			TPH-g (8015M)	TPH-d (8015M)	BTEX, Napthalene, and fuel oxys (8260B)							CONDITION	LAB SAMPLE #
BF-1	1/17/18	1309	W	6	Various		X	X	X								
BF-5		1146	W	6	Various		X	X	X								
MW-1		1225	W	6	Various		X	X	X								
MW-2		1320	W	6	Various		X	X	X								
MW-3		1240	W	6	Various		X	X	X								
MW-4		1210	W	6	Various		X	X	X								
MW-5		1125	W	6	Various		X	X	X								
MW-6		1050	W	6	Various		X	X	X								
MW-7		1100	W	6	Various		X	X	X								
IW-1		1035	W	6	Various		X	X	X								

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY	RESULTS NEEDED NO LATER THAN
	1/17/18	1345	Liam Dooley Jeff Stromberg	Standard TAT

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
[signature]	1/17/18	1630	[signature]	1/17/18	1630
[signature]	1/18/18	1220	Moises Vasquez	1/18/18	1220
Moises Vasquez	1/18/18	1775.	[signature]	1/18/18	1435

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #

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Sample Receipt Checklist

Client Name:	**AEI Consultants**	Date and Time Received:	**1/18/2018 14:35**
Project:	**180117-DLI;**	Date Logged:	**1/18/2018**
		Received by:	Alexandra Iniguez
WorkOrder №:	**1801982** Matrix: Water	Logged by:	Alexandra Iniguez
Carrier:	Moises Vasquez (contract courier)		

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels?	Yes ☑	No ☐	
Sample IDs noted by Client on COC?	Yes ☑	No ☐	
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐	
Sampler's name noted on COC?	Yes ☑	No ☐	
COC agrees with Quote?	Yes ☐	No ☐	NA ☑

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☑	No ☐	NA ☐
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	NA ☐
Sample/Temp Blank temperature	Temp: 5.3°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☑	No ☐	NA ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐	
pH acceptable upon receipt (Metal: <2; 522: <4; 218.7: >8)?	Yes ☐	No ☐	NA ☑
Samples Received on Ice?	Yes ☑	No ☐	
	(Ice Type: WET ICE)		

UCMR Samples:

Total Chlorine tested and acceptable upon receipt for EPA 522?	Yes ☐	No ☐	NA ☑
Free Chlorine tested and acceptable upon receipt for EPA 218.7, 300.1, 537, 539?	Yes ☐	No ☐	NA ☑

Comments:

DRAFT

ANALYTICAL REPORT

January 26, 2018

AEI Consultants - CA

Sample Delivery Group:	L964179
Samples Received:	01/19/2018
Project Number:	281939
Description:	3442 Adeline Street,
Site:	3442 ADELINE STREET
Report To:	Jacqueline Day 2500 Camino Diablo Walnut Creek, CA 94597

DRAFT

Entire Report Reviewed By: Brian Ford

Brian Ford
Technical Service Representative

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by ESC is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

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DRAFT

VB-4 L964179-01 Air

Collected by: William B Hix | Collected date/time: 01/18/18 12:18 | Received date/time: 01/19/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC) by Method ASTM 1946	WG1065036	1	01/22/18 10:04	01/22/18 10:04	BG
Volatile Organic Compounds (MS) by Method TO-15	WG1064451	2000	01/19/18 15:09	01/19/18 15:09	AMC
Volatile Organic Compounds (MS) by Method TO-15	WG1065099	20000	01/22/18 20:07	01/22/18 20:07	AMC
Organic Compounds (GC) by Method D1946	WG1065274	1	01/23/18 09:19	01/23/18 09:19	BG

VB-5 L964179-02 Air

Collected by: William B Hix | Collected date/time: 01/18/18 09:15 | Received date/time: 01/19/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC) by Method ASTM 1946	WG1065036	1	01/22/18 10:09	01/22/18 10:09	BG
Volatile Organic Compounds (MS) by Method TO-15	WG1064451	2	01/19/18 15:49	01/19/18 15:49	AMC
Organic Compounds (GC) by Method D1946	WG1065274	1	01/23/18 09:27	01/23/18 09:27	BG

VB-7 L964179-03 Air

Collected by: William B Hix | Collected date/time: 01/17/18 15:35 | Received date/time: 01/19/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC) by Method ASTM 1946	WG1065036	1	01/22/18 10:12	01/22/18 10:12	BG
Volatile Organic Compounds (MS) by Method TO-15	WG1064451	2	01/19/18 16:30	01/19/18 16:30	AMC
Organic Compounds (GC) by Method D1946	WG1065274	1	01/23/18 09:33	01/23/18 09:33	BG

VB-9 L964179-04 Air

Collected by: William B Hix | Collected date/time: 01/17/18 13:16 | Received date/time: 01/19/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC) by Method ASTM 1946	WG1065036	1	01/22/18 10:19	01/22/18 10:19	BG
Volatile Organic Compounds (MS) by Method TO-15	WG1064451	2000	01/19/18 17:08	01/19/18 17:08	AMC
Organic Compounds (GC) by Method D1946	WG1065274	1	01/23/18 09:40	01/23/18 09:40	BG

VB-10 L964179-05 Air

Collected by: William B Hix | Collected date/time: 01/17/18 16:35 | Received date/time: 01/19/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC) by Method ASTM 1946	WG1065036	1	01/22/18 10:22	01/22/18 10:22	BG
Volatile Organic Compounds (MS) by Method TO-15	WG1064451	4	01/19/18 17:47	01/19/18 17:47	AMC
Organic Compounds (GC) by Method D1946	WG1065274	1	01/23/18 09:46	01/23/18 09:46	BG

VB-12 L964179-06 Air

Collected by: William B Hix | Collected date/time: 01/17/18 12:19 | Received date/time: 01/19/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC) by Method ASTM 1946	WG1065036	1	01/22/18 11:11	01/22/18 11:11	BG
Volatile Organic Compounds (MS) by Method TO-15	WG1064451	800	01/19/18 18:25	01/19/18 18:25	AMC
Organic Compounds (GC) by Method D1946	WG1065274	1	01/23/18 09:52	01/23/18 09:52	BG

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VB-12DUP L964179-07 Air

Collected by: William B Hix | Collected date/time: 01/17/18 12:18 | Received date/time: 01/19/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC) by Method ASTM 1946	WG1065036	1	01/22/18 11:28	01/22/18 11:28	BG
Volatile Organic Compounds (MS) by Method TO-15	WG1064451	800	01/19/18 19:03	01/19/18 19:03	AMC
Organic Compounds (GC) by Method D1946	WG1065274	2	01/23/18 10:23	01/23/18 10:23	BG

VB-14 L964179-08 Air

Collected by: William B Hix | Collected date/time: 01/17/18 10:55 | Received date/time: 01/19/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC) by Method ASTM 1946	WG1065036	1	01/22/18 11:34	01/22/18 11:34	BG
Volatile Organic Compounds (MS) by Method TO-15	WG1064451	10	01/19/18 14:26	01/19/18 14:26	AMC
Organic Compounds (GC) by Method D1946	WG1065274	1	01/23/18 10:30	01/23/18 10:30	BG

VB-16 L964179-09 Air

Collected by: William B Hix | Collected date/time: 01/17/18 10:05 | Received date/time: 01/19/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC) by Method ASTM 1946	WG1065036	1	01/22/18 11:51	01/22/18 11:51	BG
Volatile Organic Compounds (MS) by Method TO-15	WG1064451	2	01/19/18 19:43	01/19/18 19:43	AMC
Organic Compounds (GC) by Method D1946	WG1065274	1	01/23/18 10:37	01/23/18 10:37	BG

VB-17 L964179-10 Air

Collected by: William B Hix | Collected date/time: 01/17/18 09:34 | Received date/time: 01/19/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC) by Method ASTM 1946	WG1065036	1	01/22/18 11:54	01/22/18 11:54	BG
Volatile Organic Compounds (MS) by Method TO-15	WG1064451	4	01/19/18 20:22	01/19/18 20:22	AMC
Volatile Organic Compounds (MS) by Method TO-15	WG1065099	1000	01/22/18 20:50	01/22/18 20:50	AMC
Organic Compounds (GC) by Method D1946	WG1065274	1	01/23/18 10:45	01/23/18 10:45	BG

VB-18 L964179-11 Air

Collected by: William B Hix | Collected date/time: 01/17/18 09:18 | Received date/time: 01/19/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC) by Method ASTM 1946	WG1065036	1	01/22/18 11:57	01/22/18 11:57	BG
Volatile Organic Compounds (MS) by Method TO-15	WG1064451	2	01/19/18 21:02	01/19/18 21:02	AMC
Organic Compounds (GC) by Method D1946	WG1065274	1	01/23/18 10:52	01/23/18 10:52	BG

VB-20 L964179-12 Air

Collected by: William B Hix | Collected date/time: 01/18/18 11:27 | Received date/time: 01/19/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC) by Method ASTM 1946	WG1065036	1	01/22/18 12:01	01/22/18 12:01	BG
Volatile Organic Compounds (MS) by Method TO-15	WG1064451	2	01/19/18 21:43	01/19/18 21:43	AMC
Organic Compounds (GC) by Method D1946	WG1065274	1	01/23/18 10:58	01/23/18 10:58	BG

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VB-21 L964179-13 Air

Collected by	Collected date/time	Received date/time
William B Hix	01/17/18 15:53	01/19/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC) by Method ASTM 1946	WG1065036	1	01/22/18 12:04	01/22/18 12:04	BG
Volatile Organic Compounds (MS) by Method TO-15	WG1064451	2	01/19/18 22:26	01/19/18 22:26	AMC
Organic Compounds (GC) by Method D1946	WG1065274	1	01/23/18 11:06	01/23/18 11:06	BG

VB-22 L964179-14 Air

Collected by	Collected date/time	Received date/time
William B Hix	01/17/18 14:08	01/19/18 08:45

Method	Batch	Dilution	Preparation date/time	Analysis date/time	Analyst
Volatile Organic Compounds (GC) by Method ASTM 1946	WG1065036	1	01/22/18 12:07	01/22/18 12:07	BG
Volatile Organic Compounds (MS) by Method TO-15	WG1064451	2	01/19/18 23:07	01/19/18 23:07	AMC
Organic Compounds (GC) by Method D1946	WG1065274	1	01/23/18 11:13	01/23/18 11:13	BG

DRAFT

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All radiochemical sample results for solids are reported on a dry weight basis with the exception of tritium, carbon-14 and radon, unless wet weight was requested by the client. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.

Brian Ford

Brian Ford
Technical Service Representative

DRAFT

Volatile Organic Compounds (GC) by Method ASTM 1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Helium	7440-59-7		1.00	ND		1	WG1065036

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
TPH (GC/MS) Low Fraction	8006-61-9	101	1000000	4130000	16100000	66700000		20000	WG1065099
Benzene	71-43-2	78.10	400	1280	1320	4220		2000	WG1064451
Ethylbenzene	100-41-4	106	400	1730	623	2700		2000	WG1064451
MTBE	1634-04-4	88.10	400	1440	ND	ND		2000	WG1064451
Toluene	108-88-3	92.10	400	1510	1360	5110		2000	WG1064451
m&p-Xylene	1330-20-7	106	800	3470	ND	ND		2000	WG1064451
o-Xylene	95-47-6	106	400	1730	ND	ND		2000	WG1064451
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*103*				WG1064451
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*104*				WG1065099

Organic Compounds (GC) by Method D1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Oxygen	7782-44-7	32	2.00	10.9	B	1	WG1065274
Carbon Dioxide	124-38-9	44.01	0.500	3.04		1	WG1065274
Methane	74-82-8	16	0.400	0.815		1	WG1065274

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Volatile Organic Compounds (GC) by Method ASTM 1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Helium	7440-59-7		1.00	ND		1	WG1065036

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
TPH (GC/MS) Low Fraction	8006-61-9	101	100	413	409	1690		2	WG1064451
Benzene	71-43-2	78.10	0.400	1.28	ND	ND		2	WG1064451
Ethylbenzene	100-41-4	106	0.400	1.73	ND	ND		2	WG1064451
MTBE	1634-04-4	88.10	0.400	1.44	ND	ND		2	WG1064451
Toluene	108-88-3	92.10	0.400	1.51	ND	ND		2	WG1064451
m&p-Xylene	1330-20-7	106	0.800	3.47	ND	ND		2	WG1064451
o-Xylene	95-47-6	106	0.400	1.73	ND	ND		2	WG1064451
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*96.4*				WG1064451

Organic Compounds (GC) by Method D1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Oxygen	7782-44-7	32	2.00	13.5		1	WG1065274
Carbon Dioxide	124-38-9	44.01	0.500	3.18		1	WG1065274
Methane	74-82-8	16	0.400	ND		1	WG1065274

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Volatile Organic Compounds (GC) by Method ASTM 1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Helium	7440-59-7		1.00	ND		1	WG1065036

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
TPH (GC/MS) Low Fraction	8006-61-9	101	100	413	281	1160		2	WG1064451
Benzene	71-43-2	78.10	0.400	1.28	ND	ND		2	WG1064451
Ethylbenzene	100-41-4	106	0.400	1.73	ND	ND		2	WG1064451
MTBE	1634-04-4	88.10	0.400	1.44	ND	ND		2	WG1064451
Toluene	108-88-3	92.10	0.400	1.51	ND	ND		2	WG1064451
m&p-Xylene	1330-20-7	106	0.800	3.47	ND	ND		2	WG1064451
o-Xylene	95-47-6	106	0.400	1.73	ND	ND		2	WG1064451
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*97.3*				WG1064451

Organic Compounds (GC) by Method D1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Oxygen	7782-44-7	32	2.00	16.9		1	WG1065274
Carbon Dioxide	124-38-9	44.01	0.500	0.877		1	WG1065274
Methane	74-82-8	16	0.400	ND		1	WG1065274

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Volatile Organic Compounds (GC) by Method ASTM 1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Helium	7440-59-7		1.00	ND		1	WG1065036

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
TPH (GC/MS) Low Fraction	8006-61-9	101	100000	413000	2140000	8850000		2000	WG1064451
Benzene	71-43-2	78.10	400	1280	1940	6190		2000	WG1064451
Ethylbenzene	100-41-4	106	400	1730	ND	ND		2000	WG1064451
MTBE	1634-04-4	88.10	400	1440	ND	ND		2000	WG1064451
Toluene	108-88-3	92.10	400	1510	ND	ND		2000	WG1064451
m&p-Xylene	1330-20-7	106	800	3470	ND	ND		2000	WG1064451
o-Xylene	95-47-6	106	400	1730	ND	ND		2000	WG1064451
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*99.7*				WG1064451

Organic Compounds (GC) by Method D1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Oxygen	7782-44-7	32	2.00	12.6	B	1	WG1065274
Carbon Dioxide	124-38-9	44.01	0.500	4.23		1	WG1065274
Methane	74-82-8	16	0.400	ND		1	WG1065274

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Volatile Organic Compounds (GC) by Method ASTM 1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Helium	7440-59-7		1.00	ND		1	WG1065036

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
TPH (GC/MS) Low Fraction	8006-61-9	101	200	826	1130	4660		4	WG1064451
Benzene	71-43-2	78.10	0.800	2.56	ND	ND		4	WG1064451
Ethylbenzene	100-41-4	106	0.800	3.47	ND	ND		4	WG1064451
MTBE	1634-04-4	88.10	0.800	2.88	ND	ND		4	WG1064451
Toluene	108-88-3	92.10	0.800	3.01	ND	ND		4	WG1064451
m&p-Xylene	1330-20-7	106	1.60	6.94	ND	ND		4	WG1064451
o-Xylene	95-47-6	106	0.800	3.47	ND	ND		4	WG1064451
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*97.8*				WG1064451

Organic Compounds (GC) by Method D1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Oxygen	7782-44-7	32	2.00	15.5		1	WG1065274
Carbon Dioxide	124-38-9	44.01	0.500	2.37		1	WG1065274
Methane	74-82-8	16	0.400	ND		1	WG1065274

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Volatile Organic Compounds (GC) by Method ASTM 1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Helium	7440-59-7		1.00	ND		1	WG1065036

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
TPH (GC/MS) Low Fraction	8006-61-9	101	40000	165000	448000	1850000		800	WG1064451
Benzene	71-43-2	78.10	160	511	300	958		800	WG1064451
Ethylbenzene	100-41-4	106	160	694	168	728		800	WG1064451
MTBE	1634-04-4	88.10	160	577	ND	ND		800	WG1064451
Toluene	108-88-3	92.10	160	603	ND	ND		800	WG1064451
m&p-Xylene	1330-20-7	106	320	1390	ND	ND		800	WG1064451
o-Xylene	95-47-6	106	160	694	ND	ND		800	WG1064451
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*99.2*				WG1064451

Organic Compounds (GC) by Method D1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Oxygen	7782-44-7	32	2.00	13.9		1	WG1065274
Carbon Dioxide	124-38-9	44.01	0.500	3.43		1	WG1065274
Methane	74-82-8	16	0.400	ND		1	WG1065274

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Volatile Organic Compounds (GC) by Method ASTM 1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Helium	7440-59-7		1.00	ND		1	WG1065036

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
TPH (GC/MS) Low Fraction	8006-61-9	101	40000	165000	575000	2370000		800	WG1064451
Benzene	71-43-2	78.10	160	511	355	1130		800	WG1064451
Ethylbenzene	100-41-4	106	160	694	ND	ND		800	WG1064451
MTBE	1634-04-4	88.10	160	577	ND	ND		800	WG1064451
Toluene	108-88-3	92.10	160	603	ND	ND		800	WG1064451
m&p-Xylene	1330-20-7	106	320	1390	ND	ND		800	WG1064451
o-Xylene	95-47-6	106	160	694	ND	ND		800	WG1064451
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*100*				WG1064451

Organic Compounds (GC) by Method D1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Oxygen	7782-44-7	32	4.00	11.7	B	2	WG1065274
Carbon Dioxide	124-38-9	44.01	1.00	5.63		2	WG1065274
Methane	74-82-8	16	0.800	ND		2	WG1065274

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Volatile Organic Compounds (GC) by Method ASTM 1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Helium	7440-59-7		1.00	ND		1	WG1065036

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
TPH (GC/MS) Low Fraction	8006-61-9	101	500	2070	6650	27500		10	WG1064451
Benzene	71-43-2	78.10	2.00	6.39	ND	ND		10	WG1064451
Ethylbenzene	100-41-4	106	2.00	8.67	ND	ND		10	WG1064451
MTBE	1634-04-4	88.10	2.00	7.21	ND	ND		10	WG1064451
Toluene	108-88-3	92.10	2.00	7.53	ND	ND		10	WG1064451
m&p-Xylene	1330-20-7	106	4.00	17.3	ND	ND		10	WG1064451
o-Xylene	95-47-6	106	2.00	8.67	ND	ND		10	WG1064451
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*87.7*				WG1064451

Organic Compounds (GC) by Method D1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Oxygen	7782-44-7	32	2.00	16.5		1	WG1065274
Carbon Dioxide	124-38-9	44.01	0.500	ND		1	WG1065274
Methane	74-82-8	16	0.400	ND		1	WG1065274

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Volatile Organic Compounds (GC) by Method ASTM 1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Helium	7440-59-7		1.00	ND		1	WG1065036

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
TPH (GC/MS) Low Fraction	8006-61-9	101	100	413	309	1280		2	WG1064451
Benzene	71-43-2	78.10	0.400	1.28	ND	ND		2	WG1064451
Ethylbenzene	100-41-4	106	0.400	1.73	ND	ND		2	WG1064451
MTBE	1634-04-4	88.10	0.400	1.44	ND	ND		2	WG1064451
Toluene	108-88-3	92.10	0.400	1.51	ND	ND		2	WG1064451
m&p-Xylene	1330-20-7	106	0.800	3.47	ND	ND		2	WG1064451
o-Xylene	95-47-6	106	0.400	1.73	ND	ND		2	WG1064451
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*98.5*				WG1064451

Organic Compounds (GC) by Method D1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Oxygen	7782-44-7	32	2.00	14.5		1	WG1065274
Carbon Dioxide	124-38-9	44.01	0.500	2.52		1	WG1065274
Methane	74-82-8	16	0.400	ND		1	WG1065274

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Volatile Organic Compounds (GC) by Method ASTM 1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Helium	7440-59-7		1.00	ND		1	WG1065036

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
TPH (GC/MS) Low Fraction	8006-61-9	101	6910	28500	46600	192000		1000	WG1065099
Benzene	71-43-2	78.10	0.800	2.56	ND	ND		4	WG1064451
Ethylbenzene	100-41-4	106	0.800	3.47	ND	ND		4	WG1064451
MTBE	1634-04-4	88.10	0.800	2.88	ND	ND		4	WG1064451
Toluene	108-88-3	92.10	0.800	3.01	1.06	4.01		4	WG1064451
m&p-Xylene	1330-20-7	106	1.60	6.94	2.30	9.98		4	WG1064451
o-Xylene	95-47-6	106	0.800	3.47	ND	ND		4	WG1064451
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*114*				WG1064451
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*100*				WG1065099

Organic Compounds (GC) by Method D1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Oxygen	7782-44-7	32	2.00	14.9		1	WG1065274
Carbon Dioxide	124-38-9	44.01	0.500	1.56		1	WG1065274
Methane	74-82-8	16	0.400	ND		1	WG1065274

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Volatile Organic Compounds (GC) by Method ASTM 1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Helium	7440-59-7		1.00	ND		1	WG1065036

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
TPH (GC/MS) Low Fraction	8006-61-9	101	100	413	663	2740		2	WG1064451
Benzene	71-43-2	78.10	0.400	1.28	ND	ND		2	WG1064451
Ethylbenzene	100-41-4	106	0.400	1.73	ND	ND		2	WG1064451
MTBE	1634-04-4	88.10	0.400	1.44	ND	ND		2	WG1064451
Toluene	108-88-3	92.10	0.400	1.51	ND	ND		2	WG1064451
m&p-Xylene	1330-20-7	106	0.800	3.47	ND	ND		2	WG1064451
o-Xylene	95-47-6	106	0.400	1.73	ND	ND		2	WG1064451
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*100*				WG1064451

Organic Compounds (GC) by Method D1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Oxygen	7782-44-7	32	2.00	15.2		1	WG1065274
Carbon Dioxide	124-38-9	44.01	0.500	2.20		1	WG1065274
Methane	74-82-8	16	0.400	ND		1	WG1065274

DRAFT

Volatile Organic Compounds (GC) by Method ASTM 1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Helium	7440-59-7		1.00	ND		1	WG1065036

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
TPH (GC/MS) Low Fraction	8006-61-9	101	100	413	ND	ND		2	WG1064451
Benzene	71-43-2	78.10	0.400	1.28	ND	ND		2	WG1064451
Ethylbenzene	100-41-4	106	0.400	1.73	ND	ND		2	WG1064451
MTBE	1634-04-4	88.10	0.400	1.44	ND	ND		2	WG1064451
Toluene	108-88-3	92.10	0.400	1.51	ND	ND		2	WG1064451
m&p-Xylene	1330-20-7	106	0.800	3.47	ND	ND		2	WG1064451
o-Xylene	95-47-6	106	0.400	1.73	ND	ND		2	WG1064451
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*97.4*				WG1064451

Organic Compounds (GC) by Method D1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Oxygen	7782-44-7	32	2.00	16.9		1	WG1065274
Carbon Dioxide	124-38-9	44.01	0.500	1.45		1	WG1065274
Methane	74-82-8	16	0.400	ND		1	WG1065274

DRAFT

Volatile Organic Compounds (GC) by Method ASTM 1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Helium	7440-59-7		1.00	ND		1	WG1065036

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
TPH (GC/MS) Low Fraction	8006-61-9	101	100	413	475	1960		2	WG1064451
Benzene	71-43-2	78.10	0.400	1.28	ND	ND		2	WG1064451
Ethylbenzene	100-41-4	106	0.400	1.73	ND	ND		2	WG1064451
MTBE	1634-04-4	88.10	0.400	1.44	ND	ND		2	WG1064451
Toluene	108-88-3	92.10	0.400	1.51	ND	ND		2	WG1064451
m&p-Xylene	1330-20-7	106	0.800	3.47	ND	ND		2	WG1064451
o-Xylene	95-47-6	106	0.400	1.73	ND	ND		2	WG1064451
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*97.9*				WG1064451

Organic Compounds (GC) by Method D1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Oxygen	7782-44-7	32	2.00	17.7		1	WG1065274
Carbon Dioxide	124-38-9	44.01	0.500	ND		1	WG1065274
Methane	74-82-8	16	0.400	ND		1	WG1065274

DRAFT

Volatile Organic Compounds (GC) by Method ASTM 1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Helium	7440-59-7		1.00	ND		1	WG1065036

Volatile Organic Compounds (MS) by Method TO-15

Analyte	CAS #	Mol. Wt.	RDL1 ppbv	RDL2 ug/m3	Result ppbv	Result ug/m3	Qualifier	Dilution	Batch
TPH (GC/MS) Low Fraction	8006-61-9	101	100	413	202	832	B	2	WG1064451
Benzene	71-43-2	78.10	0.400	1.28	ND	ND		2	WG1064451
Ethylbenzene	100-41-4	106	0.400	1.73	ND	ND		2	WG1064451
MTBE	1634-04-4	88.10	0.400	1.44	ND	ND		2	WG1064451
Toluene	108-88-3	92.10	0.400	1.51	ND	ND		2	WG1064451
m&p-Xylene	1330-20-7	106	0.800	3.47	ND	ND		2	WG1064451
o-Xylene	95-47-6	106	0.400	1.73	ND	ND		2	WG1064451
(S) 1,4-Bromofluorobenzene	*460-00-4*	*175*	*60.0-140*		*98.6*				WG1064451

Organic Compounds (GC) by Method D1946

Analyte	CAS #	Mol. Wt.	RDL %	Result %	Qualifier	Dilution	Batch
Oxygen	7782-44-7	32	2.00	17.5		1	WG1065274
Carbon Dioxide	124-38-9	44.01	0.500	ND		1	WG1065274
Methane	74-82-8	16	0.400	ND		1	WG1065274

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Method Blank (MB)

(MB) R3280852-3 01/22/18 10:01

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Helium	U		0.330	1.00

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3280852-1 01/22/18 09:54 • (LCSD) R3280852-2 01/22/18 09:58

Analyte	Spike Amount %	LCS Result %	LCSD Result %	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Helium	2.50	2.35	2.34	94.0	93.6	70.0-130			0.409	25

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Method Blank (MB)

(MB) R3280515-3 01/19/18 10:13

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
Benzene	U		0.0460	0.200
Ethylbenzene	U		0.0506	0.200
MTBE	U		0.0505	0.200
Toluene	U		0.0499	0.200
m&p-Xylene	U		0.0946	0.400
o-Xylene	U		0.0633	0.200
TPH (GC/MS) Low Fraction	12.4	J	6.91	50.0
(S) 1,4-Bromofluorobenzene	*96.6*			*60.0-140*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3280515-1 01/19/18 08:51 • (LCSD) R3280515-2 01/19/18 09:31

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
MTBE	3.75	4.00	4.03	107	108	70.0-130			0.957	25
Benzene	3.75	4.09	4.10	109	109	70.0-130			0.246	25
Toluene	3.75	4.24	4.24	113	113	70.0-130			0.142	25
Ethylbenzene	3.75	4.31	4.33	115	116	70.0-130			0.586	25
m&p-Xylene	7.50	8.74	8.81	117	117	70.0-130			0.732	25
o-Xylene	3.75	4.32	4.39	115	117	70.0-130			1.59	25
TPH (GC/MS) Low Fraction	176	189	190	107	108	70.0-130			0.451	25
(S) 1,4-Bromofluorobenzene				*99.1*	*101*	*60.0-140*				

DRAFT

Method Blank (MB)

(MB) R3281018-3 01/22/18 10:34

Analyte	MB Result ppbv	MB Qualifier	MB MDL ppbv	MB RDL ppbv
TPH (GC/MS) Low Fraction	U		6.91	50.0
(S) 1,4-Bromofluorobenzene	*97.8*			*60.0-140*

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3281018-1 01/22/18 09:02 • (LCSD) R3281018-2 01/22/18 09:47

Analyte	Spike Amount ppbv	LCS Result ppbv	LCSD Result ppbv	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
TPH (GC/MS) Low Fraction	176	206	208	117	118	70.0-130			1.10	25
(S) 1,4-Bromofluorobenzene				*100*	*101*	*60.0-140*				

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Method Blank (MB)

(MB) R3281095-3 01/23/18 09:12

Analyte	MB Result %	MB Qualifier	MB MDL %	MB RDL %
Oxygen	1.33	J	0.225	2.00
Carbon Dioxide	U		0.121	0.500
Methane	U		0.0584	0.400

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3281095-1 01/23/18 08:49 • (LCSD) R3281095-2 01/23/18 09:05

Analyte	Spike Amount %	LCS Result %	LCSD Result %	LCS Rec. %	LCSD Rec. %	Rec. Limits %	LCS Qualifier	LCSD Qualifier	RPD %	RPD Limits %
Oxygen	2.50	2.77	2.67	111	107	70.0-130			3.70	20
Carbon Dioxide	2.50	2.63	2.68	105	107	70.0-130			2.07	20
Methane	2.00	2.08	2.14	104	107	70.0-130			3.14	20

DRAFT

1 Cp
2 Tc
3 Ss
4 Cn
5 Sr
6 Qc
7 Gl
8 Al
9 Sc

Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Abbreviations and Definitions

MDL	Method Detection Limit.
ND	Not detected at the Reporting Limit (or MDL where applicable).
RDL	Reported Detection Limit.
Rec.	Recovery.
RPD	Relative Percent Difference.
SDG	Sample Delivery Group.
(S)	Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media.
U	Not detected at the Reporting Limit (or MDL where applicable).
Analyte	The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported.
Dilution	If the sample matrix contains an interfering material, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor.
Limits	These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges.
Qualifier	This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable.
Result	The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state “ND” (Not Detected) or “BDL” (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte.
Case Narrative (Cn)	A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report.
Quality Control Summary (Qc)	This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material.
Sample Chain of Custody (Sc)	This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis.
Sample Results (Sr)	This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported.
Sample Summary (Ss)	This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis.

Qualifier	Description
B	The same analyte is found in the associated blank.
J	The identification of the analyte is acceptable; the reported value is an estimate.

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ACCREDITATIONS & LOCATIONS

ESC Lab Sciences is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.
* Not all certifications held by the laboratory are applicable to the results reported in the attached report.

State Accreditations

Alabama	40660	Nevada	TN-03-2002-34
Alaska	UST-080	New Hampshire	2975
Arizona	AZ0612	New Jersey–NELAP	TN002
Arkansas	88-0469	New Mexico	TN00003
California	01157CA	New York	11742
Colorado	TN00003	North Carolina	Env375
Connecticut	PH-0197	North Carolina [1]	DW21704
Florida	E87487	North Carolina [2]	41
Georgia	NELAP	North Dakota	R-140
Georgia [1]	923	Ohio–VAP	CL0069
Idaho	TN00003	Oklahoma	9915
Illinois	200008	Oregon	TN200002
Indiana	C-TN-01	Pennsylvania	68-02979
Iowa	364	Rhode Island	221
Kansas	E-10277	South Carolina	84004
Kentucky [1]	90010	South Dakota	n/a
Kentucky [2]	16	Tennessee [1 4]	2006
Louisiana	AI30792	Texas	T 104704245-07-TX
Maine	TN0002	Texas [5]	LAB0152
Maryland	324	Utah	6157585858
Massachusetts	M-TN003	Vermont	VT2006
Michigan	9958	Virginia	109
Minnesota	047-999-395	Washington	C1915
Mississippi	TN00003	West Virginia	233
Missouri	340	Wisconsin	9980939910
Montana	CERT0086	Wyoming	A2LA
Nebraska	NE-OS-15-05		

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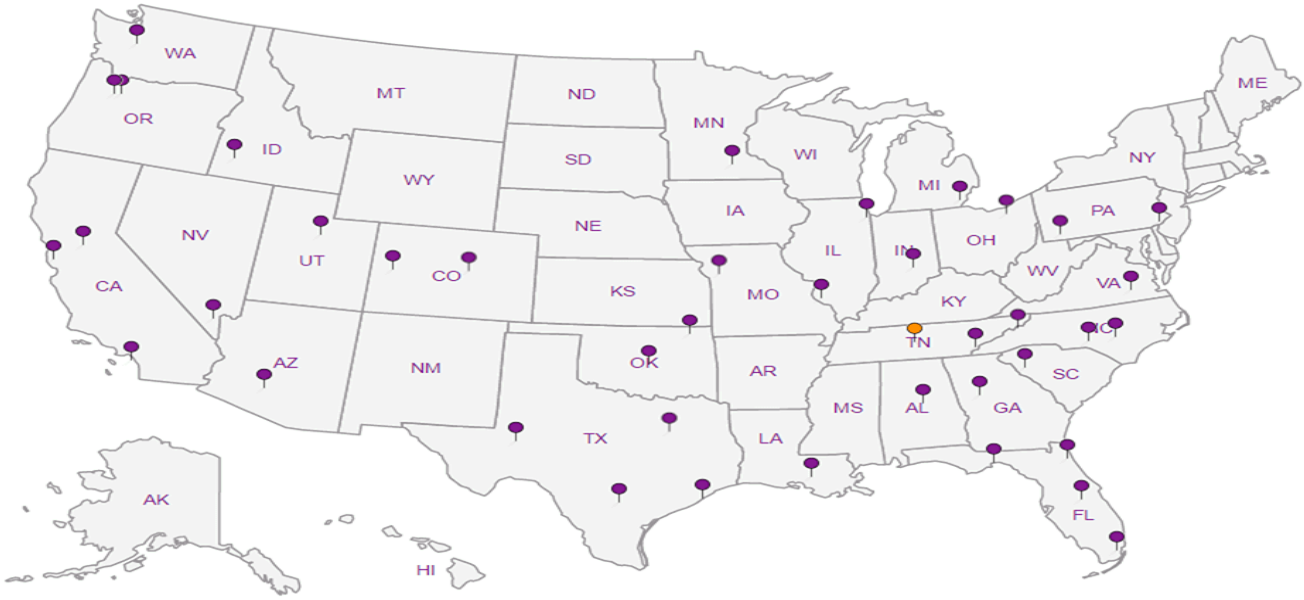
Third Party Federal Accreditations

A2LA – ISO 17025	1461.01	AIHA-LAP,LLC	100789
A2LA – ISO 17025 [5]	1461.02	DOD	1461.01
Canada	1461.01	USDA	S-67674
EPA–Crypto	TN00003		

[1] Drinking Water [2] Underground Storage Tanks [3] Aquatic Toxicity [4] Chemical/Microbiological [5] Mold n/a Accreditation not applicable

Our Locations

ESC Lab Sciences has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. ESC Lab Sciences performs all testing at our central laboratory.



Company Name/Address:

AEI Consultants
2500 Camino Diablo, Walnut Creek, CA, 94597

Billing Information:
Same as company name

Report to:
jday@aeiconsultants.com

Email To:
whix@aeiconsultants.com

Project Description: 3442 Adeline Street,

City/State Collected: Oakland, California

Phone: **925-746-6050**
Fax:

Client Project #
281939

Lab Project #

Collected by (print): William B Hix

Site/Facility ID #

P.O. #
151749

Collected by (signature):

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day 100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed
Five Days from recieved

Email? ___No ✓Yes
FAX? ___No ___Yes

Canister Pressure/Vacuum

Analysis

Chain of Custody Page ___ of ___

ESC LAB SCIENCES
a subsidiary of Pace Analytical

12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# 96179

T M185

Acctnum:
Template:
Prelogin:
TSR:
PB:
Shipped Via:

Sample ID	Sample Description	Can #	Date	Time	Initial	Final	BTEX, MTBE and TPH-g by TO-15	Helium, oxygen, CO2 and methane by ASTM D 1946			Rem./Contaminant	Sample # (lab only)
VB-4		7337	1/18/18	1218	-28	-5	X	X				01
VB-~~4~~5		5446	1/18/18	0915	-29	-5	X	X				02
VB-7		7363	1/17/18	1535	-26	-5						03
VB-9		6586	1/17/18	1316	-29	-5	X	X				04
VB-10		8942	1/17/18	1635	-26	-5	X	X				05
VB-12		5370	1/17/18	1219	-30+	-5	X	X				06
VB-12DUP		7281	1/17/18	1218	-30	-5	X	X				07
VB-14		5733	1/17/18	1055	-26	-25	X	X				08
VB-16		5156	1/17/18	1005	-24	-5	X	X				09
VB-17		7909	1/17/18	0934	-30+	-5	X	X				10

Remarks: **Results five days from received** 4199 3258 1064

Hold #

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☑ FedEx ☐ Courier ☐ ____	Condition: (lab use only)
	1/18/17	1500			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: AMB °C Bottles Received: 14	COC Seal Intact: ___Y ___N ✓NA
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 1/19/18 Time: 845	pH Checked: NCF:

Company Name/Address:

AEI Consultants
2500 Camino Diablo, Walnut Creek, CA, 94597

Billing Information:
Same as company name

Report to:
jday@aeiconsultants.com

Email To:
whix@aeiconsultants.com

Project Description: 3442 Adeline Street,

City/State Collected: Oakland, California

Phone: **925-746-6050**
Fax:

Client Project #
281939

Lab Project #

Collected by (print): William B Hix

Site/Facility ID #

P.O. #
151749

Collected by (signature): William B Hix

Rush? (Lab MUST Be Notified)
___ Same Day 200%
___ Next Day 100%
___ Two Day 50%
___ Three Day 25%

Date Results Needed
Five Days from recieved

Email? ___No ✓Yes
FAX? ___No ___Yes

Canister Pressure/Vacuum

Analysis

Chain of Custody Page ___ of ___

ESC LAB SCIENCES
a subsidiary of Pace Analytical
12065 Lebanon Rd
Mount Juliet, TN 37122
Phone: 615-758-5858
Phone: 800-767-5859
Fax: 615-758-5859

L# 964179

Table #

Acctnum:
Template:
Prelogin:
TSR:
PB:

Shipped Via:

Sample ID	Sample Description	Can #	Date	Time	Initial	Final	BTEX, MTBE and TPH-g by TO-15	Helium, oxygen, CO2 and methane by ASTM D 1946			Rem./Contaminant	Sample # (lab only)
VB-18		5228	1/17/18	0918	-30+	-5	X	X				11
VB-~~19~~ 20		~~1965~~ 5274	1/18/18	1127	-30+	-5	X	X				12
VB-21		5837	1/17/18	1553	~~11~~ -20	-5	X	X				13
VB-22		5506	1/17/18	1408	-29.5	-5	X	X				14

Remarks: **Results five days from received**

Hold #

Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Samples returned via: ☐ UPS ☑ FedEx ☐ Courier ☐ ____	Condition: (lab use only) ok
William B Hix	1/18/18	1500			
Relinquished by : (Signature)	Date:	Time:	Received by: (Signature)	Temp: AMB °C Bottles Received: 14	COC Seal Intact: ___Y ___N ✓NA
Relinquished by : (Signature)	Date:	Time:	Received for lab by: (Signature)	Date: 1/17/18 Time: 845	pH Checked: NCF:

ESC LAB SCIENCES
Cooler Receipt Form

Client: AEFIONWUA	SDG#	964179	
Cooler Received/Opened On: 1/19/18	Temperature:	AMB	°C
Received by : Christian Kacar			
Signature:			

Receipt Check List	NP	Yes	No
COC Seal Present / Intact?		✓	
COC Signed / Accurate?		✓	
Bottles arrive intact?		✓	
Correct bottles used?		✓	
Sufficient volume sent?		✓	
If Applicable			
VOA Zero headspace?			
Preservation Correct / Checked?			

eurofins | Air Toxics

2/1/2018
Mr. William Banker-Hix
AEI Consultants, Inc.
2500 Camino Diablo
Suite 200
Walnut Creek CA 94597

Project Name: Zimmerman
Project #: 281939
Workorder #: 1801309

Dear Mr. William Banker-Hix

The following report includes the data for the above referenced project for sample(s) received on 1/22/2018 at Air Toxics Ltd.

The data and associated QC analyzed by Modified TO-17 are compliant with the project requirements or laboratory criteria with the exception of the deviations noted in the attached case narrative.

Thank you for choosing Eurofins Air Toxics Inc. for your air analysis needs. Eurofins Air Toxics Inc. is committed to providing accurate data of the highest quality. Please feel free to contact the Project Manager: Rachel Selenis at 916-985-1000 if you have any questions regarding the data in this report.

Regards,

Rachel Selenis

Project Manager

DRAFT

eurofins | Air Toxics

WORK ORDER #: 1801309

Work Order Summary

CLIENT:	Mr. William Banker-Hix AEI Consultants, Inc. 2500 Camino Diablo Suite 200 Walnut Creek, CA 94597	**BILL TO:**	Accounts Payable- Walnut Creek AEI Consultants, Inc. 2500 Camino Diablo Suite 200 Walnut Creek, CA 94597
PHONE:	925-283-6000	**P.O. #**	151748
FAX:	925-283-6121	**PROJECT #**	281939 Zimmerman
DATE RECEIVED:	01/22/2018	**CONTACT:**	Rachel Selenis
DATE COMPLETED:	01/30/2018		

FRACTION #	NAME	TEST
01A	VB-4	Modified TO-17
02A	VB-5	Modified TO-17
03A	VB-7	Modified TO-17
04A	VB-9	Modified TO-17
05A	VB-10	Modified TO-17
06A	VB-12	Modified TO-17
07A	VB-12DUP	Modified TO-17
08A(cancelled)	VB-14	Modified TO-17
09A	VB-16	Modified TO-17
10A	VB-17	Modified TO-17
11A	VB-18	Modified TO-17
12A	VB-20	Modified TO-17
13A	VB-21	Modified TO-17
14A	VB-22	Modified TO-17
15A	Lab Blank	Modified TO-17
16A	CCV	Modified TO-17
17A	LCS	Modified TO-17
17AA	LCSD	Modified TO-17

DRAFT

CERTIFIED BY: Heidi Hayes

Technical Director

DATE: 02/01/18

Certification numbers: AZ Licensure AZ0775, NJ NELAP - CA016, NY NELAP - 11291,
TX NELAP - T104704434-16-11, UT NELAP CA0093332016-7, VA NELAP - 8113, WA NELAP - C935
Name of Accreditation Body: NELAP/ORELAP (Oregon Environmental Laboratory Accreditation Program)
Accreditation number: CA300005, Effective date: 10/18/2016, Expiration date: 10/17/2017.
Eurofins Air Toxics Inc.. certifies that the test results contained in this report meet all requirements of the NELAC standards

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LABORATORY NARRATIVE
Modified EPA Method TO-17 (VI Tubes)
AEI Consultants, Inc.
Workorder# 1801309

Fourteen TO-17 VI Tube samples were received on January 22, 2018. The laboratory performed the analysis via modified EPA Method TO-17 using GC/MS in the full scan mode. TO-17 'VI' sorbent tubes are thermally desorbed onto a secondary trap. The trap is thermally desorbed to elute the components into the GC/MS system for compound separation and detection.

A modification that may be applied to EPA Method TO-17 at the client's discretion is the requirement to transport sorbent tubes at 4 deg C. Laboratory studies demonstrate a high level of stability for VOCs on the TO-17 'VI' tube at room temperature for periods of up to 14 days. Tubes can be shipped to and from the field site at ambient conditions as long as the 14-day sample hold time is upheld. Trip blanks and field surrogate spikes are used as additional control measures to monitor recovery and background contribution during tube transport.

Since the TO-17 VI application significantly extends the scope of target compounds addressed in EPA Method TO-15 and TO-17, the laboratory has implemented several method modifications outlined in the table below. Specific project requirements may over-ride the laboratory modifications.

Requirement	***TO-17***	***ATL Modifications***
Distributed Volume Pairs	Collection of distributed volume pairs required for monitoring ambient air to insure high quality.	If site is well-characterized or performance previously verified, single tube sampling may be appropriate. Distributed pairs may be impractical for soil gas collection due to configuration and volume constraints.

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Receiving Notes

The number of samples received did not match the information on the Chain of Custody (COC). Sample VB-14 was not received at Eurofins Air Toxics, Inc. despite notation on the COC.

Sample VB-14 was cancelled on 01/23/18 per client's request.

Analytical Notes

A sampling volume of 0.06 L was used to convert ng to ug/m3 for the associated Lab Blank.

Definition of Data Qualifying Flags

Eight qualifiers may have been used on the data analysis sheets and indicates as follows:

B - Compound present in blank (subtraction not performed).
J - Estimated value.
E - Exceeds instrument calibration range.
S - Saturated peak.
Q - Exceeds quality control limits.
U - Compound analyzed for but not detected above the reporting limit, LOD, or MDL value. See data page for project specific U-flag definition.
UJ- Non-detected compound associated with low bias in the CCV
N - The identification is based on presumptive evidence.

File extensions may have been used on the data analysis sheets and indicates as follows:

a-File was requantified
b-File was quantified by a second column and detector
r1-File was requantified for the purpose of reissue

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Summary of Detected Compounds
MODIFIED METHOD TO-17

Client Sample ID: VB-4

Lab ID#: 1801309-01A

No Detections Were Found.

Client Sample ID: VB-5

Lab ID#: 1801309-02A

No Detections Were Found.

Client Sample ID: VB-7

Lab ID#: 1801309-03A

No Detections Were Found.

Client Sample ID: VB-9

Lab ID#: 1801309-04A

No Detections Were Found.

Client Sample ID: VB-10

Lab ID#: 1801309-05A

No Detections Were Found.

Client Sample ID: VB-12

Lab ID#: 1801309-06A

No Detections Were Found.

Client Sample ID: VB-12DUP

Lab ID#: 1801309-07A

No Detections Were Found.

Client Sample ID: VB-16

Lab ID#: 1801309-09A

No Detections Were Found.

Client Sample ID: VB-17

Lab ID#: 1801309-10A

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Summary of Detected Compounds
MODIFIED METHOD TO-17

Client Sample ID: VB-17

Lab ID#: 1801309-10A

No Detections Were Found.

Client Sample ID: VB-18

Lab ID#: 1801309-11A

No Detections Were Found.

Client Sample ID: VB-20

Lab ID#: 1801309-12A

No Detections Were Found.

Client Sample ID: VB-21

Lab ID#: 1801309-13A

No Detections Were Found.

Client Sample ID: VB-22

Lab ID#: 1801309-14A

No Detections Were Found.

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Client Sample ID: VB-4

Lab ID#: 1801309-01A

MODIFIED METHOD TO-17

File Name:	**18012507**	**Date of Extraction: NA**	**Date of Collection: 1/18/18 12:19:00 PM**
Dil. Factor:	**1.00**		**Date of Analysis: 1/25/18 11:05 AM**

Compound	Rpt. Limit (ng)	Rpt. Limit (ug/m3)	Amount (ng)	Amount (ug/m3)
Naphthalene	5.0	83	Not Detected	Not Detected

Air Sample Volume(L): 0.0600
Container Type: TO-17 Tube (Tenax-TA)

Surrogates	%Recovery	Method Limits
Naphthalene-d8	136	50-150

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Client Sample ID: VB-5

Lab ID#: 1801309-02A

MODIFIED METHOD TO-17

File Name:	**18012508**	**Date of Extraction: NA**	**Date of Collection: 1/18/18 9:16:00 AM**
Dil. Factor:	**1.00**		**Date of Analysis: 1/25/18 11:48 AM**

Compound	Rpt. Limit (ng)	Rpt. Limit (ug/m3)	Amount (ng)	Amount (ug/m3)
Naphthalene	5.0	83	Not Detected	Not Detected

Air Sample Volume(L): 0.0600
Container Type: TO-17 Tube (Tenax-TA)

Surrogates	%Recovery	Method Limits
Naphthalene-d8	128	50-150

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Client Sample ID: VB-7

Lab ID#: 1801309-03A

MODIFIED METHOD TO-17

File Name:	**18012509**	**Date of Extraction: NA**	**Date of Collection: 1/17/18 3:36:00 PM**
Dil. Factor:	**1.00**		**Date of Analysis: 1/25/18 12:32 PM**

Compound	Rpt. Limit (ng)	Rpt. Limit (ug/m3)	Amount (ng)	Amount (ug/m3)
Naphthalene	5.0	83	Not Detected	Not Detected

Air Sample Volume(L): 0.0600
Container Type: TO-17 Tube (Tenax-TA)

Surrogates	%Recovery	Method Limits
Naphthalene-d8	115	50-150

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Client Sample ID: VB-9

Lab ID#: 1801309-04A

MODIFIED METHOD TO-17

File Name:	**18012511**	**Date of Extraction: NA**	**Date of Collection: 1/17/18 1:17:00 PM**
Dil. Factor:	**1.00**		**Date of Analysis: 1/25/18 02:17 PM**

Compound	Rpt. Limit (ng)	Rpt. Limit (ug/m3)	Amount (ng)	Amount (ug/m3)
Naphthalene	5.0	83	Not Detected	Not Detected

Air Sample Volume(L): 0.0600
Container Type: TO-17 Tube (Tenax-TA)

Surrogates	%Recovery	Method Limits
Naphthalene-d8	134	50-150

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Client Sample ID: VB-10

Lab ID#: 1801309-05A

MODIFIED METHOD TO-17

File Name:	**18012512**	**Date of Extraction: NA**	**Date of Collection: 1/17/18 4:35:00 PM**
Dil. Factor:	**1.00**		**Date of Analysis: 1/25/18 03:00 PM**

Compound	Rpt. Limit (ng)	Rpt. Limit (ug/m3)	Amount (ng)	Amount (ug/m3)
Naphthalene	5.0	83	Not Detected	Not Detected

Air Sample Volume(L): 0.0600
Container Type: TO-17 Tube (Tenax-TA)

Surrogates	%Recovery	Method Limits
Naphthalene-d8	114	50-150

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Client Sample ID: VB-12

Lab ID#: 1801309-06A

MODIFIED METHOD TO-17

File Name:	**18012513**	**Date of Extraction: NA**	**Date of Collection: 1/17/18 12:19:00 PM**
Dil. Factor:	**1.00**		**Date of Analysis: 1/25/18 03:43 PM**

Compound	Rpt. Limit (ng)	Rpt. Limit (ug/m3)	Amount (ng)	Amount (ug/m3)
Naphthalene	5.0	83	Not Detected	Not Detected

Air Sample Volume(L): 0.0600
Container Type: TO-17 Tube (Tenax-TA)

Surrogates	%Recovery	Method Limits
Naphthalene-d8	131	50-150

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Client Sample ID: VB-12DUP

Lab ID#: 1801309-07A

MODIFIED METHOD TO-17

File Name:	**18012514**	**Date of Extraction: NA**	**Date of Collection: 1/17/18 12:18:00 PM**
Dil. Factor:	**1.00**		**Date of Analysis: 1/25/18 04:26 PM**

Compound	Rpt. Limit (ng)	Rpt. Limit (ug/m3)	Amount (ng)	Amount (ug/m3)
Naphthalene	5.0	83	Not Detected	Not Detected

Air Sample Volume(L): 0.0600
Container Type: TO-17 Tube (Tenax-TA)

Surrogates	%Recovery	Method Limits
Naphthalene-d8	130	50-150

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Client Sample ID: VB-16

Lab ID#: 1801309-09A

MODIFIED METHOD TO-17

File Name:	**18012515**	**Date of Extraction: NA**	**Date of Collection: 1/17/18 10:05:00 AM**
Dil. Factor:	**1.00**		**Date of Analysis: 1/25/18 05:09 PM**

Compound	Rpt. Limit (ng)	Rpt. Limit (ug/m3)	Amount (ng)	Amount (ug/m3)
Naphthalene	5.0	83	Not Detected	Not Detected

Air Sample Volume(L): 0.0600
Container Type: TO-17 Tube (Tenax-TA)

Surrogates	%Recovery	Method Limits
Naphthalene-d8	113	50-150

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Client Sample ID: VB-17

Lab ID#: 1801309-10A

MODIFIED METHOD TO-17

File Name:	**18012516**	**Date of Extraction: NA**	**Date of Collection: 1/17/18 9:34:00 AM**
Dil. Factor:	**1.00**		**Date of Analysis: 1/25/18 05:52 PM**

Compound	Rpt. Limit (ng)	Rpt. Limit (ug/m3)	Amount (ng)	Amount (ug/m3)
Naphthalene	5.0	83	Not Detected	Not Detected

Air Sample Volume(L): 0.0600
Container Type: TO-17 Tube (Tenax-TA)

Surrogates	%Recovery	Method Limits
Naphthalene-d8	117	50-150

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Client Sample ID: VB-18

Lab ID#: 1801309-11A

MODIFIED METHOD TO-17

File Name:	**18012517**	**Date of Extraction: NA**	**Date of Collection: 1/17/18 9:18:00 AM**
Dil. Factor:	**1.00**		**Date of Analysis: 1/25/18 06:35 PM**

Compound	Rpt. Limit (ng)	Rpt. Limit (ug/m3)	Amount (ng)	Amount (ug/m3)
Naphthalene	5.0	83	Not Detected	Not Detected

Air Sample Volume(L): 0.0600
Container Type: TO-17 Tube (Tenax-TA)

Surrogates	%Recovery	Method Limits
Naphthalene-d8	131	50-150

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Client Sample ID: VB-20

Lab ID#: 1801309-12A

MODIFIED METHOD TO-17

File Name:	**18012518**	**Date of Extraction: NA**	**Date of Collection: 1/18/18 11:27:00 AM**
Dil. Factor:	**1.00**		**Date of Analysis: 1/25/18 07:18 PM**

Compound	Rpt. Limit (ng)	Rpt. Limit (ug/m3)	Amount (ng)	Amount (ug/m3)
Naphthalene	5.0	83	Not Detected	Not Detected

Air Sample Volume(L): 0.0600
Container Type: TO-17 Tube (Tenax-TA)

Surrogates	%Recovery	Method Limits
Naphthalene-d8	120	50-150

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Client Sample ID: VB-21

Lab ID#: 1801309-13A

MODIFIED METHOD TO-17

File Name:	**18012519**	**Date of Extraction: NA**	**Date of Collection: 1/17/17 3:53:00 PM**
Dil. Factor:	**1.00**		**Date of Analysis: 1/25/18 08:00 PM**

Compound	Rpt. Limit (ng)	Rpt. Limit (ug/m3)	Amount (ng)	Amount (ug/m3)
Naphthalene	5.0	83	Not Detected	Not Detected

Air Sample Volume(L): 0.0600
Container Type: TO-17 Tube (Tenax-TA)

Surrogates	%Recovery	Method Limits
Naphthalene-d8	105	50-150

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Client Sample ID: VB-22

Lab ID#: 1801309-14A

MODIFIED METHOD TO-17

File Name:	**18012520**	**Date of Extraction: NA**	**Date of Collection: 1/17/17 2:08:00 PM**
Dil. Factor:	**1.00**		**Date of Analysis: 1/25/18 08:43 PM**

Compound	Rpt. Limit (ng)	Rpt. Limit (ug/m3)	Amount (ng)	Amount (ug/m3)
Naphthalene	5.0	83	Not Detected	Not Detected

Air Sample Volume(L): 0.0600
Container Type: TO-17 Tube (Tenax-TA)

Surrogates	%Recovery	Method Limits
Naphthalene-d8	111	50-150

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Client Sample ID: Lab Blank

Lab ID#: 1801309-15A

MODIFIED METHOD TO-17

File Name:	**18012506**	**Date of Extraction: NA**	**Date of Collection: NA**
Dil. Factor:	**1.00**		**Date of Analysis: 1/25/18 09:33 AM**

Compound	**Rpt. Limit (ng)**	**Rpt. Limit (ug/m3)**	**Amount (ng)**	**Amount (ug/m3)**
Naphthalene	5.0	83	Not Detected	Not Detected

Air Sample Volume(L): 0.0600
Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Naphthalene-d8	107	50-150

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Client Sample ID: CCV

Lab ID#: 1801309-16A

MODIFIED METHOD TO-17

File Name:	**18012502**	**Date of Extraction: NA**	**Date of Collection: NA**
Dil. Factor:	**1.00**		**Date of Analysis: 1/25/18 04:54 AM**

Compound	**%Recovery**
Naphthalene	105

Air Sample Volume(L): 1.00
Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Naphthalene-d8	111	50-150

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Client Sample ID: LCS

Lab ID#: 1801309-17A

MODIFIED METHOD TO-17

File Name:	**18012503**	**Date of Extraction: NA**	**Date of Collection: NA**
Dil. Factor:	**1.00**		**Date of Analysis: 1/25/18 07:13 AM**

Compound	**%Recovery**	**Method Limits**
Naphthalene	128	70-130

Air Sample Volume(L): 1.00
Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Naphthalene-d8	115	50-150

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Client Sample ID: LCSD

Lab ID#: 1801309-17AA

MODIFIED METHOD TO-17

File Name:	**18012504**	**Date of Extraction: NA**	**Date of Collection: NA**
Dil. Factor:	**1.00**		**Date of Analysis: 1/25/18 08:05 AM**

Compound	**%Recovery**	**Method Limits**
Naphthalene	130	70-130

Air Sample Volume(L): 1.00
Container Type: NA - Not Applicable

Surrogates	**%Recovery**	**Method Limits**
Naphthalene-d8	113	50-150

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TO-17 SAMPLE COLLECTION

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Sample Transportation Notice
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CHAIN-OF-CUSTODY RECORD

Page ____ of ____

Project Manager Jaqueline Day
Collected by: (Print and Sign) William B Hir
Company AEI Consultants Email Jday@aeiconsultants.com
Address 2500 Camino Diablo City Walnut Creek State CA Zip 94595
Phone 925-746-6000 Fax

Project Info:
P.O. # 151748
Project # 281939
Project Name Zimmerman

Turn Around Time: ☒ Normal ☐ Rush ____ specify

Reporting Units: ☐ ppmv ☐ ppbv ☒ µg/m3 ☐ mg/m3

	Lab I.D.	Field Sample I.D. (Location)	Engraved or Stamped Tube #	Date of Collection (mm/dd/yy)	Start Time (hr : min)	Date of Retrieval (mm/dd/yy)	End Time (hr : min)	Pre-Test Flow Rate	Post-Test Flow Rate	Volume	Indoor Air	Outdoor Air	Soil Vapor	Other ( )
01A	VB-4			1/18/18	1219	1/18/18				60mL	☐	☐	☒	☐
02A	VB-5			1/18/18	0916	1/18/18				60mL	☐	☐	☒	☐
03A	VB-7			1/17/18	1536	1/17/18				60mL	☐	☐	☒	☐
04A	VB-9			1/17/18	1317	1/17/18				60mL	☐	☐	☒	☐
05A	VB-10			1/17/18	1635	1/17/18				60mL	☐	☐	☒	☐
06A	VB-12			1/17/18	1219	1/17/18				60mL	☐	☐	☒	☐
07A	VB-12Dup			1/17/18	1218	1/17/18				60mL	☐	☐	☒	☐
08A	VB-14			1/17/18	1055	1/17/18				60mL	☐	☐	☒	☐
09A	VB-16			1/17/18	1005	1/17/18				60mL	☐	☐	☒	☐
10A	VB-17			1/17/18	0934	1/17/18				60mL	☐	☐	☒	☐

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
William B Hir	1/22/18	[signature]	1-22-18 1100

Notes: Labeled tubes not on COC were not sampled or water got into sampling manifold

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	FAh		4°C	Good	Yes No (None)	

1801309

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TO-17 SAMPLE COLLECTION

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CHAIN-OF-CUSTODY RECORD

Sample Transportation Notice
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FOLSOM, CA 95630
(916) 985-1000 FAX (916) 985-1020

Page _____ of _____

Project Manager Jacqueline Day
Collected by: (Print and Sign) William B Hix
Company AEI Consultants Email jday@aeiconsultants.com
Address 2500 Camino Diablo City Walnut Creek State CA Zip 94595
Phone 925-746-6000 Fax

Project Info:
P.O. # 151748
Project # 281939
Project Name Zimmerman

Turn Around Time: ☒ Normal ☐ Rush _____ specify

Reporting Units: ☐ ppmv ☐ ppbv ☒ µg/m3 ☐ mg/m3

	Lab I.D.	Field Sample I.D. (Location)	Engraved or Stamped Tube #	Date of Collection (mm/dd/yy)	Start Time (hr : min)	Date of Retrieval (mm/dd/yy)	End Time (hr : min)	Pre-Test Flow Rate	Post-Test Flow Rate	Volume	Indoor Air	Outdoor Air	Soil Vapor	Other ( )
11A	VB-18			1/17/18	0918	1/17/18				60mL	☐	☐	☒	☐
12A	VB-~~19~~ 20			1/18/18	1127	1/18/18				60mL	☐	☐	☒	☐
13A	VB-21			1/17/18	1553	1/18/18				60mL	☐	☐	☒	☐
14A	VB-22			1/17/18	1408	1/17/18				60mL	☐	☐	☒	☐
											☐	☐	☐	☐
											☐	☐	☐	☐
											☐	☐	☐	☐
											☐	☐	☐	☐
											☐	☐	☐	☐
											☐	☐	☐	☐

Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
William B Hix	1/22/18	[signature]	1-22-18 1100
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time
Relinquished by: (signature)	Date/Time	Received by: (signature)	Date/Time

Notes: Labeled tubes not on COC were not sampled and should not be ran

Lab Use Only	Shipper Name	Air Bill #	Temp (°C)	Condition	Custody Seals Intact?	Work Order #
	FedEx		4.8°C	Good	Yes No None	1801309

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APPENDIX D

HYDROGRAPHS

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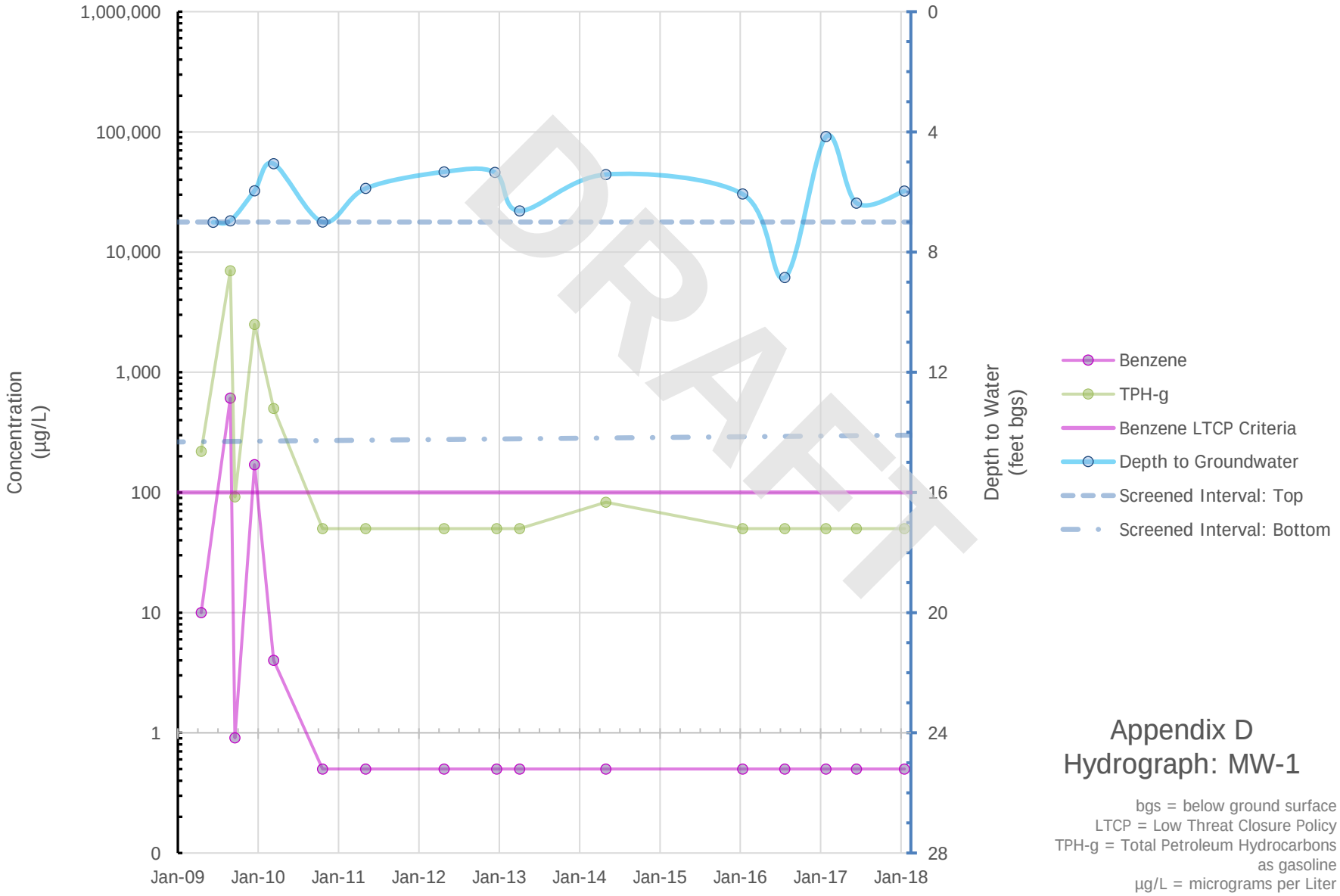
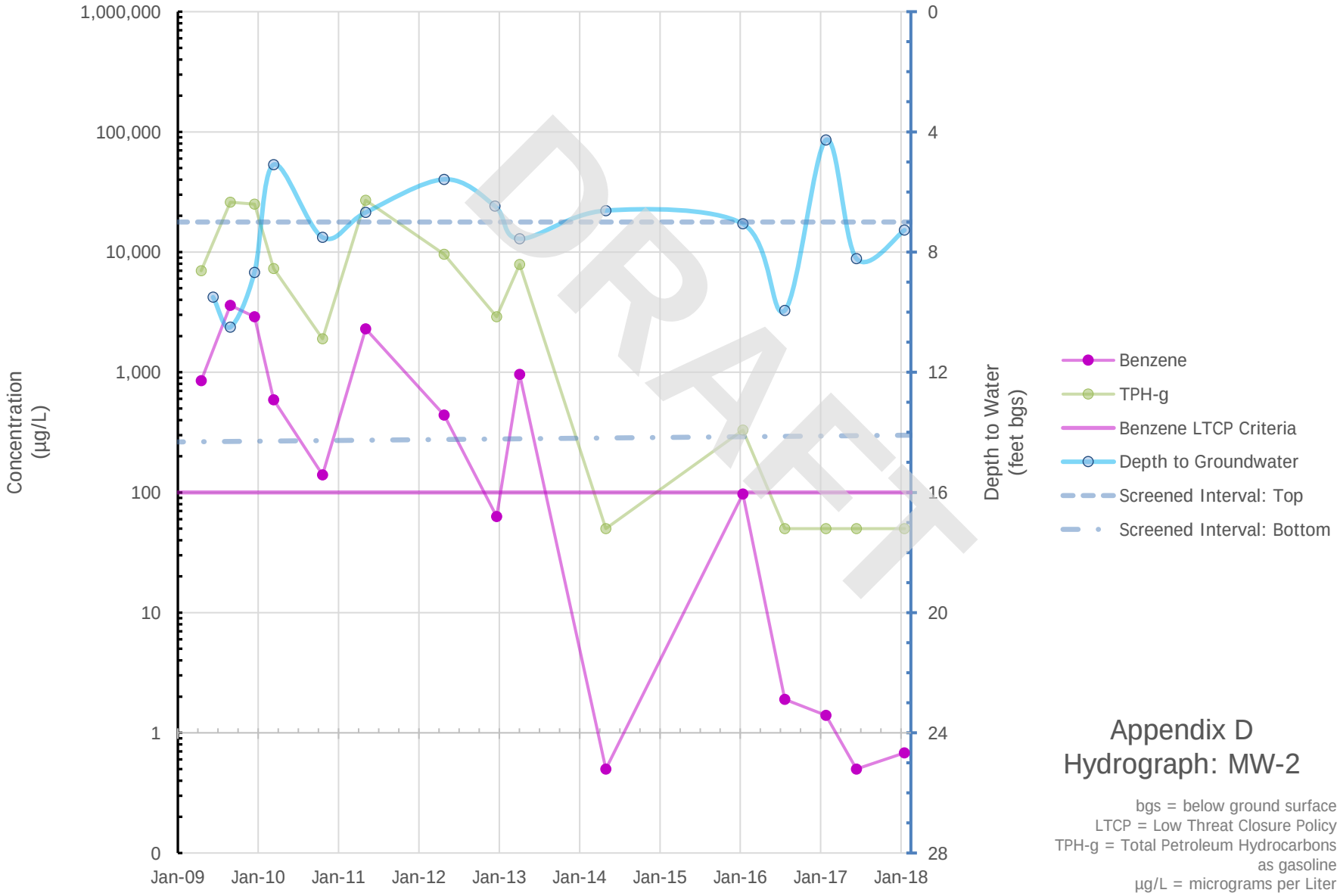


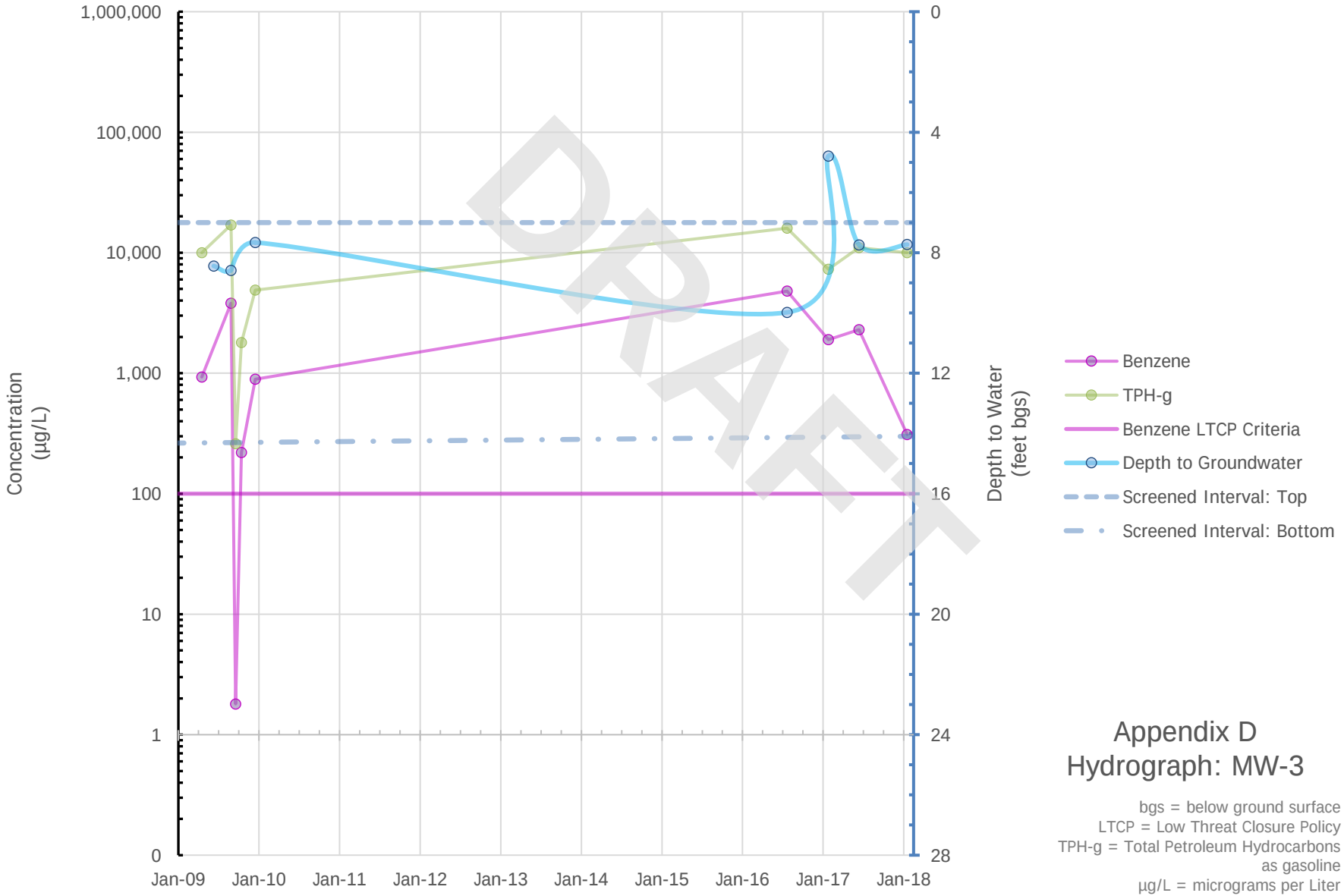
Appendix D
Hydrograph: MW-1

bgs = below ground surface
LTCP = Low Threat Closure Policy
TPH-g = Total Petroleum Hydrocarbons as gasoline
µg/L = micrograms per Liter



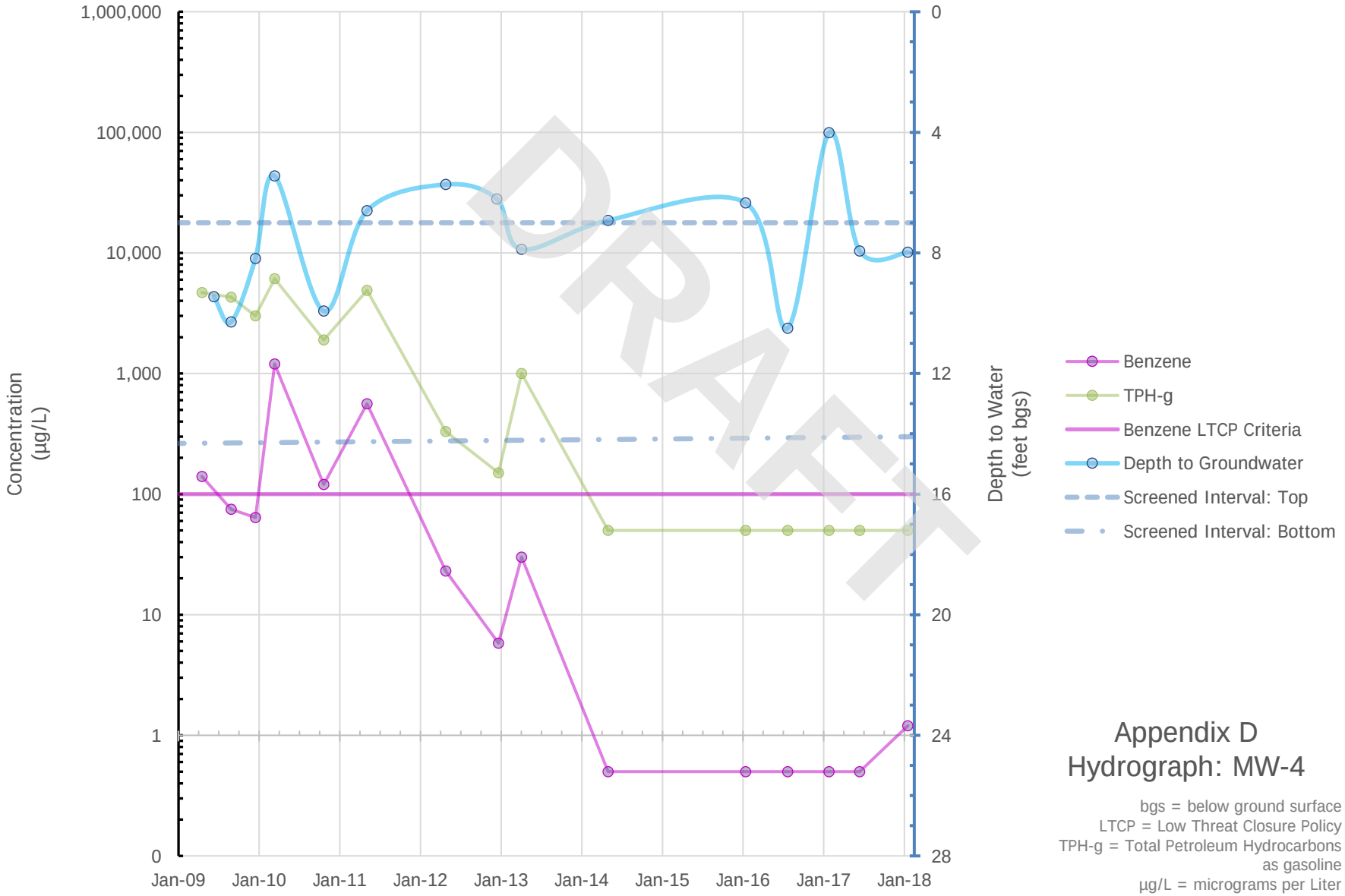
Appendix D
Hydrograph: MW-2

bgs = below ground surface
LTCP = Low Threat Closure Policy
TPH-g = Total Petroleum Hydrocarbons as gasoline
µg/L = micrograms per Liter



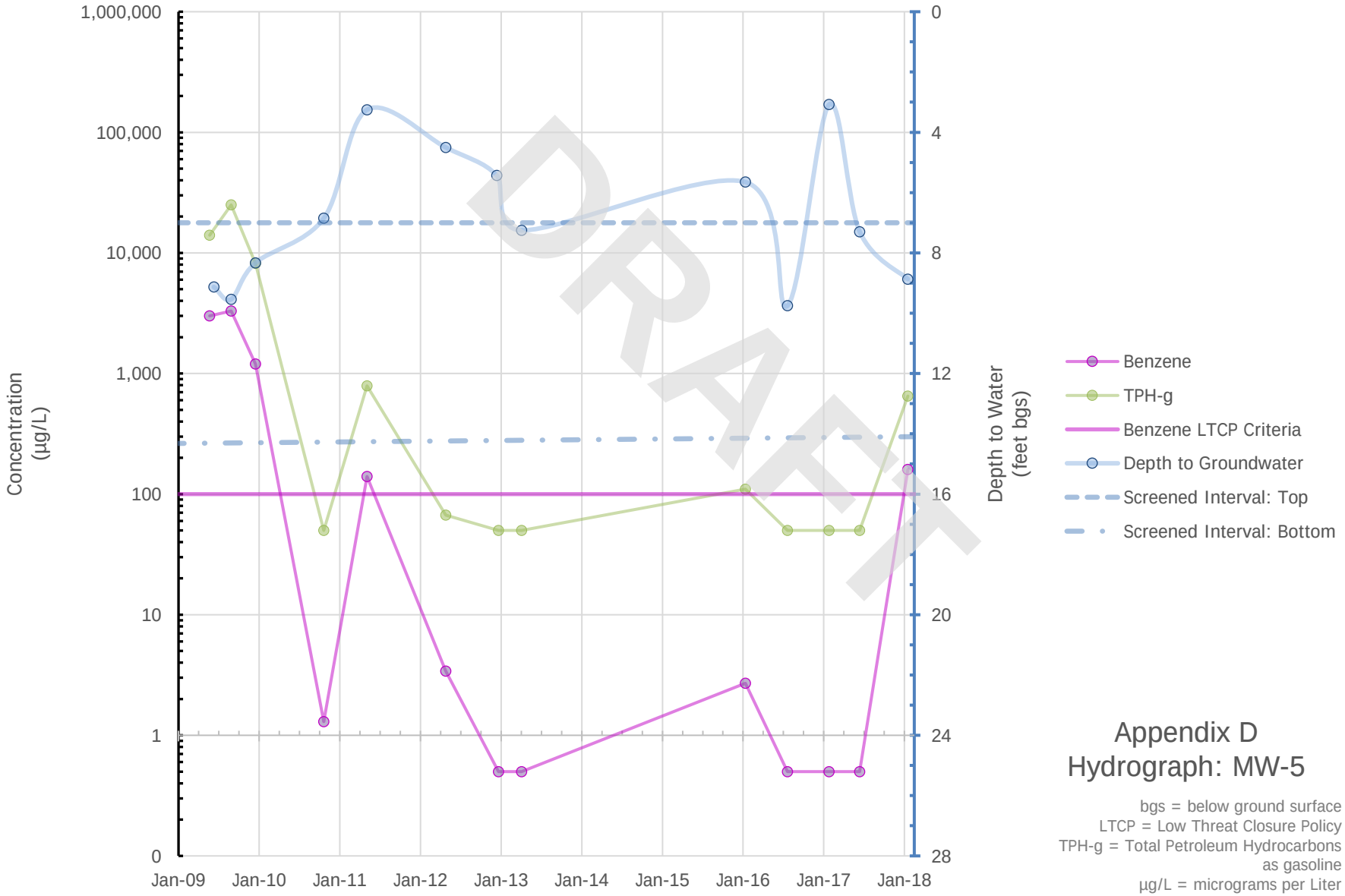
Appendix D
Hydrograph: MW-3

bgs = below ground surface
LTCP = Low Threat Closure Policy
TPH-g = Total Petroleum Hydrocarbons as gasoline
µg/L = micrograms per Liter



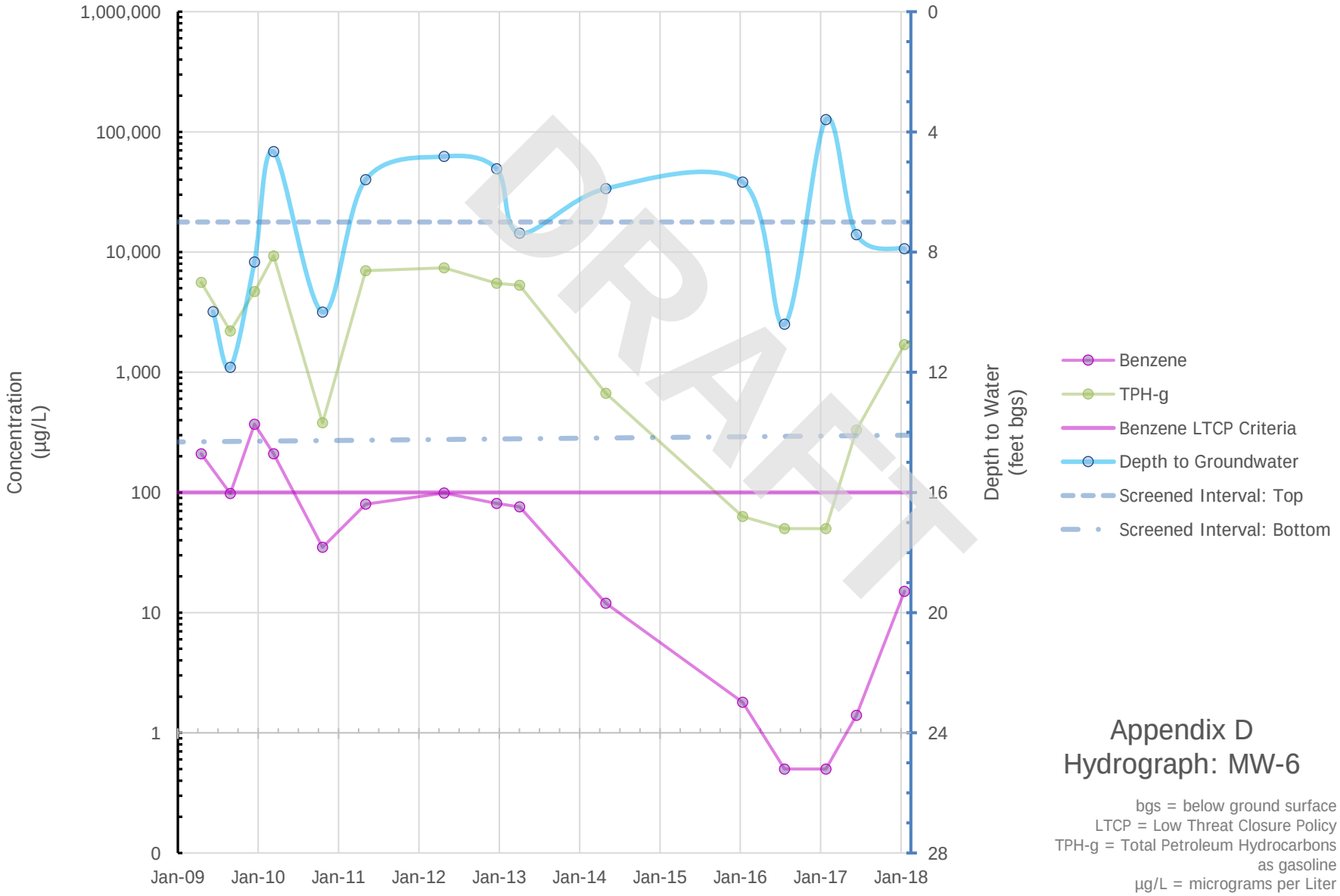
Appendix D
Hydrograph: MW-4

bgs = below ground surface
LTCP = Low Threat Closure Policy
TPH-g = Total Petroleum Hydrocarbons as gasoline
µg/L = micrograms per Liter



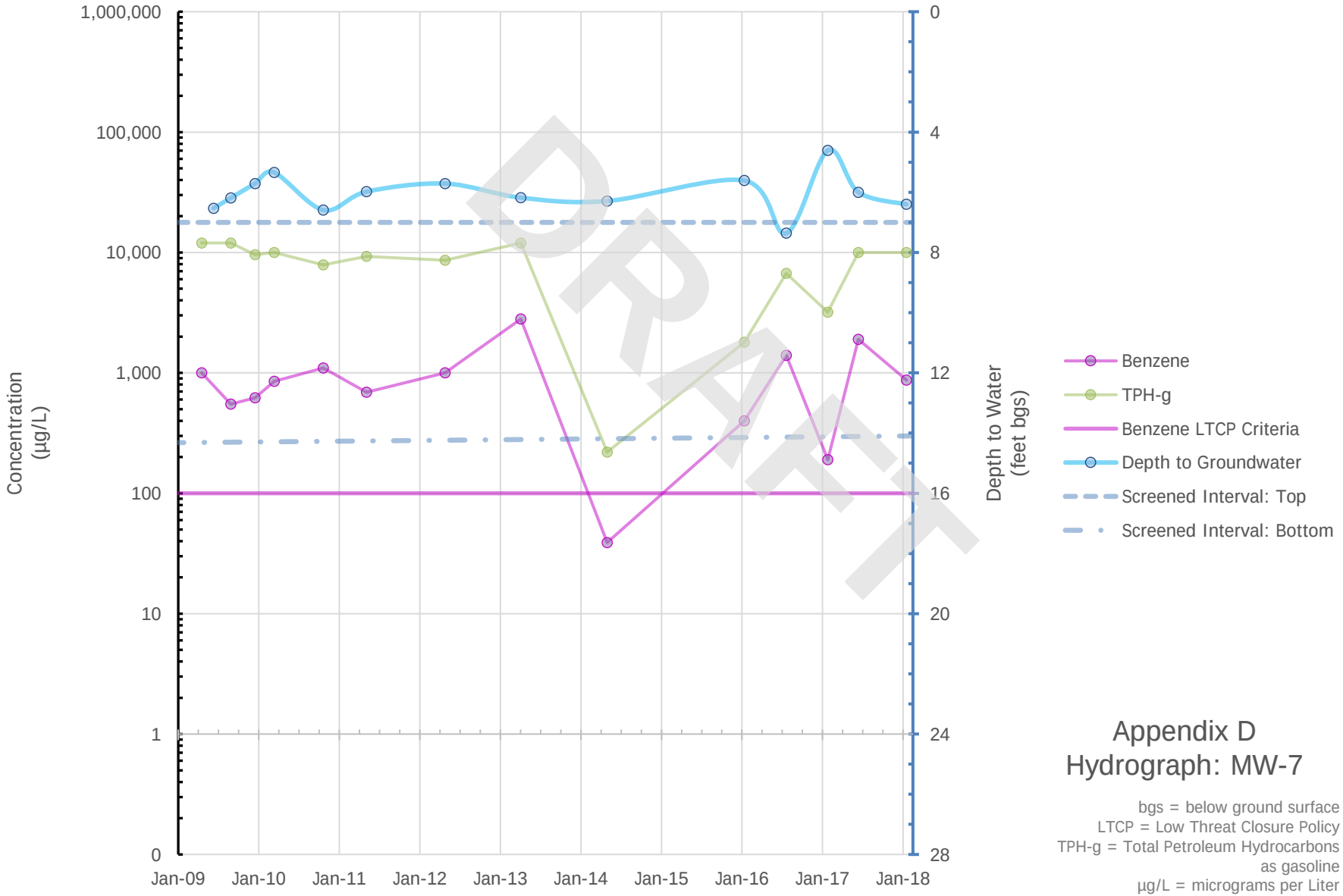
Appendix D
Hydrograph: MW-5

bgs = below ground surface
LTCP = Low Threat Closure Policy
TPH-g = Total Petroleum Hydrocarbons as gasoline
µg/L = micrograms per Liter



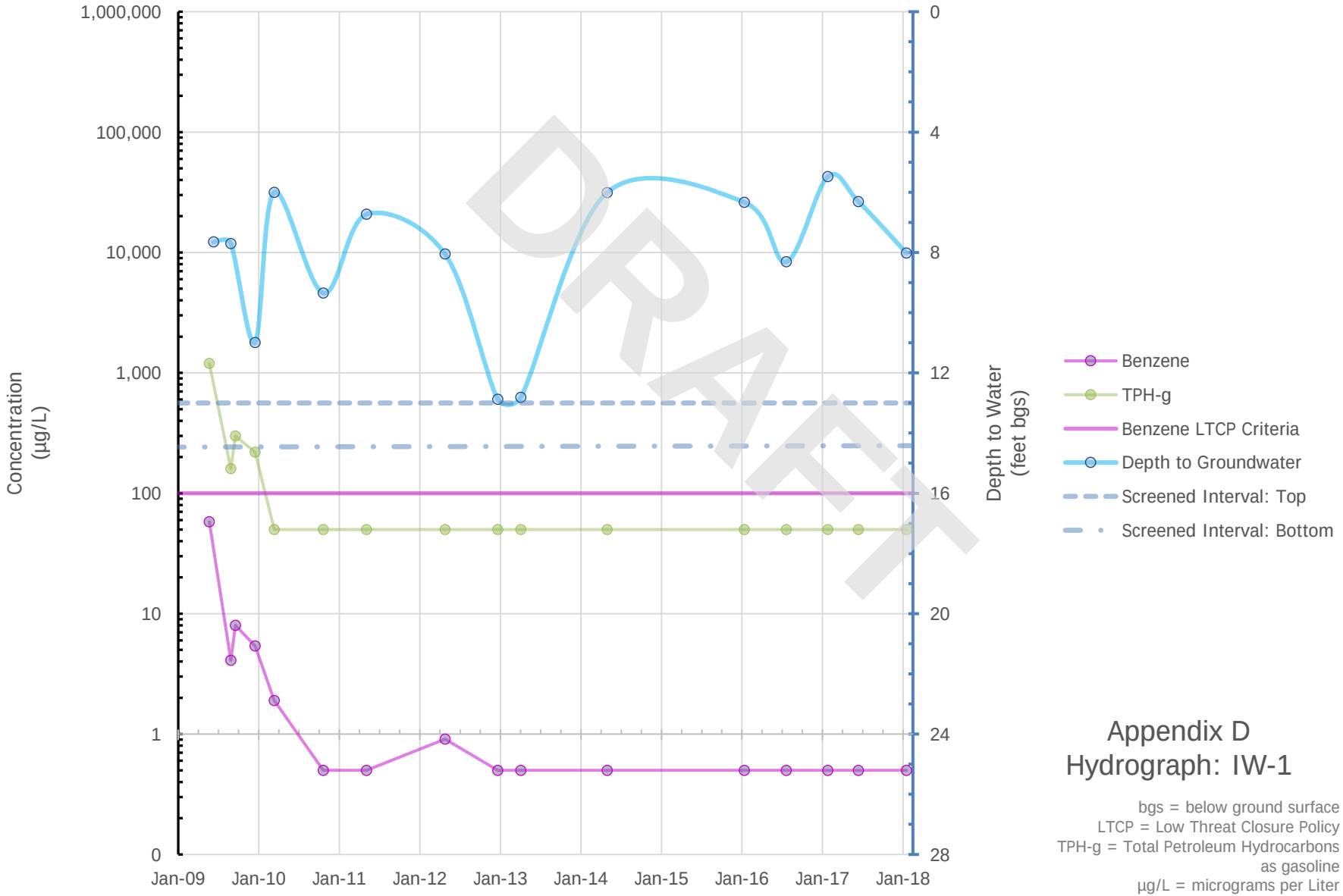
Appendix D
Hydrograph: MW-6

bgs = below ground surface
LTCP = Low Threat Closure Policy
TPH-g = Total Petroleum Hydrocarbons as gasoline
µg/L = micrograms per Liter



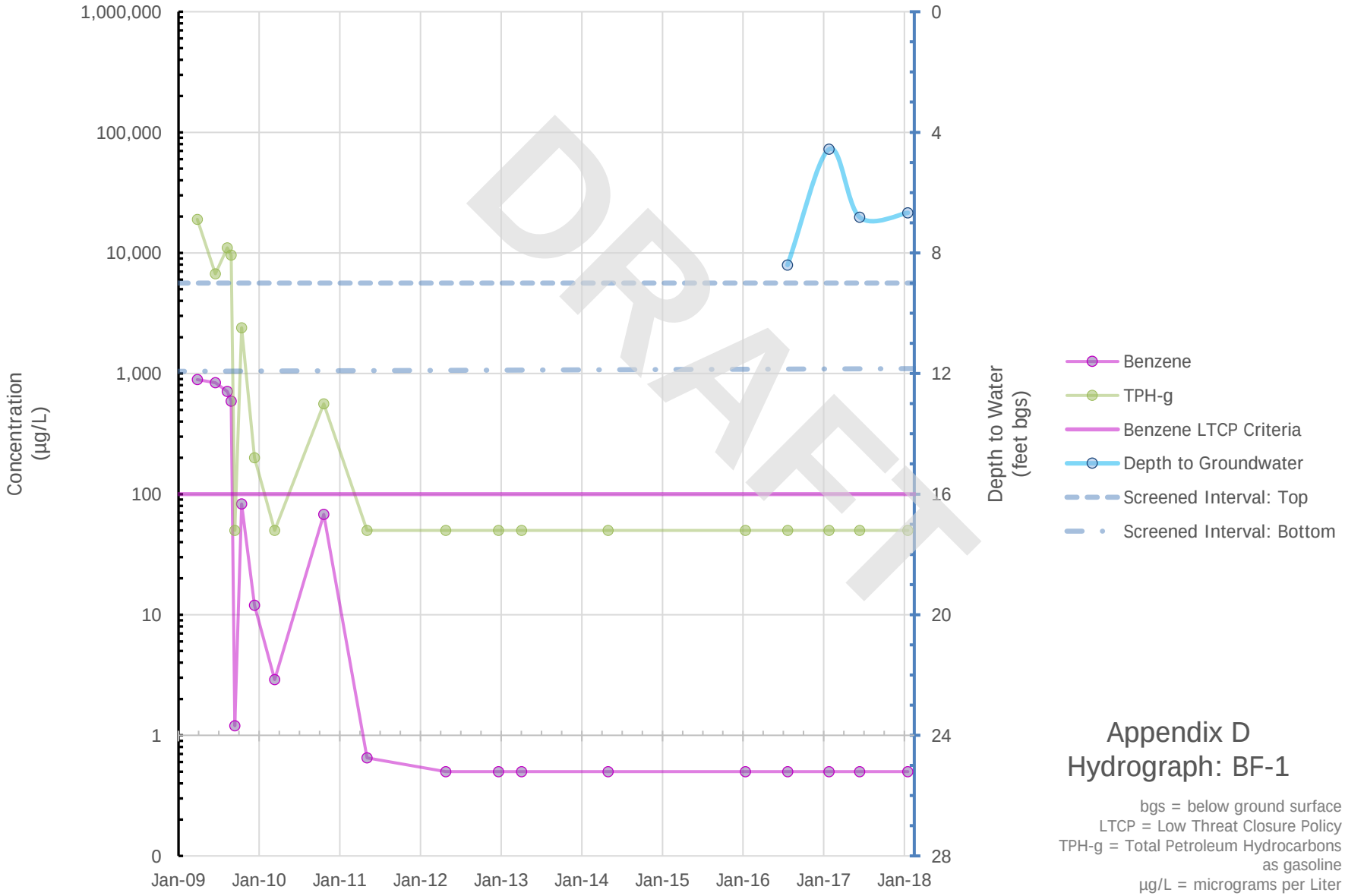
Appendix D
Hydrograph: MW-7

bgs = below ground surface
LTCP = Low Threat Closure Policy
TPH-g = Total Petroleum Hydrocarbons as gasoline
µg/L = micrograms per Liter



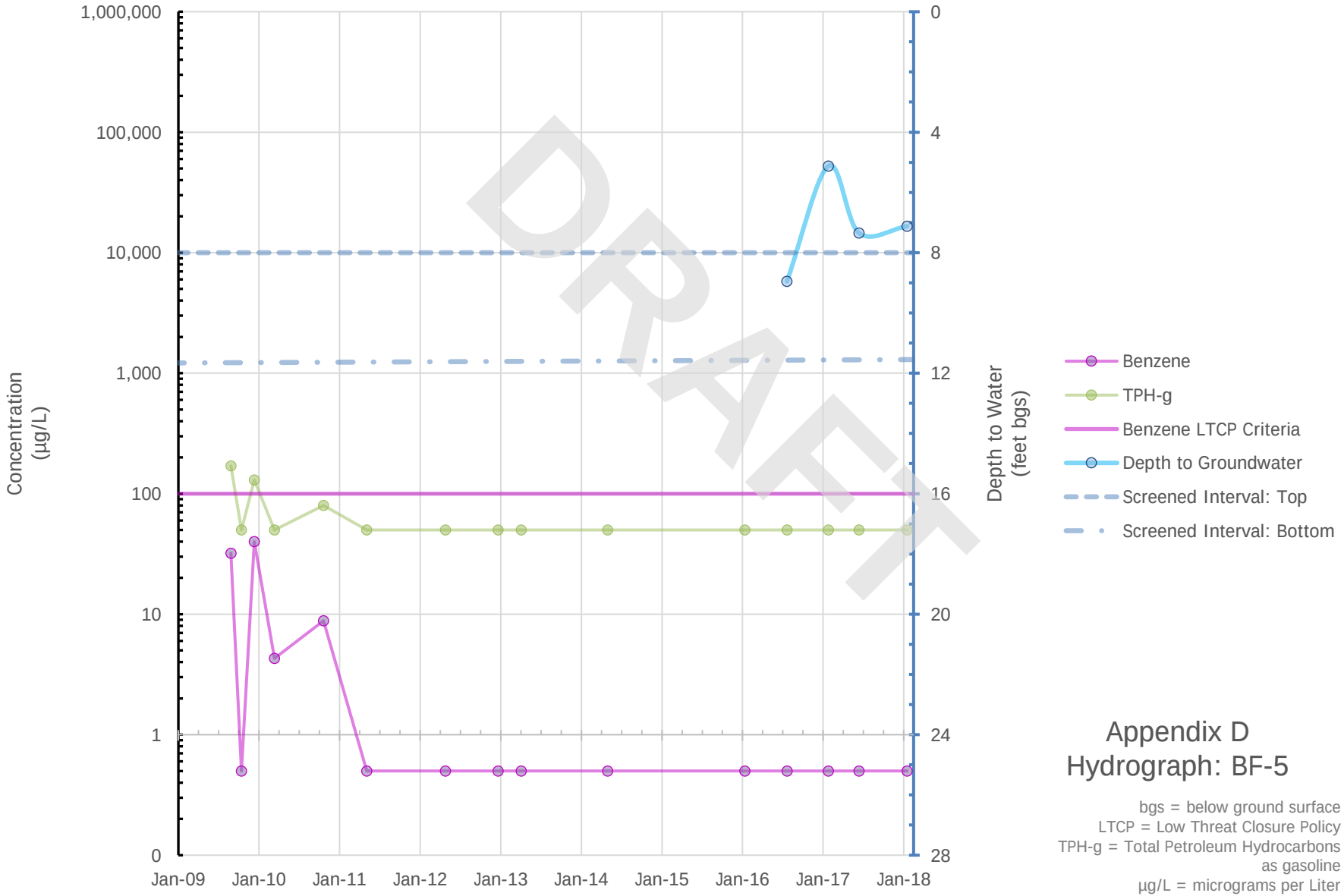
Appendix D
Hydrograph: IW-1

bgs = below ground surface
LTCP = Low Threat Closure Policy
TPH-g = Total Petroleum Hydrocarbons as gasoline
µg/L = micrograms per Liter



Appendix D
Hydrograph: BF-1

bgs = below ground surface
LTCP = Low Threat Closure Policy
TPH-g = Total Petroleum Hydrocarbons as gasoline
µg/L = micrograms per Liter



Appendix D
Hydrograph: BF-5

bgs = below ground surface
LTCP = Low Threat Closure Policy
TPH-g = Total Petroleum Hydrocarbons as gasoline
µg/L = micrograms per Liter

Department of Toxic Substances Control

Barbara A. Lee , Director
1001 I Street
P.O. Box 806
Sacramento , CA 958120806

Matthew Rodriquez
Secretary for Environmental Protection

Edmund G. Brown Jr.
Governor

EPA ID PROFILE

Map

ID Number:	CAC002204481	**Status:**	INACTIVE
Name:	RON ZIMMERMAN	**Inactive Date:**	10/25/2000 12:00:00 AM
County:	ALAMEDA	**Record Entered:**	1/7/2000 12:00:00 AM
NAICS:	N/A	**Last Updated:**	10/25/2000 12:00:00 AM

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	Name	Address	City	State	Zip Code	Phone
Location	RON ZIMMERMAN	3442 ADELINE	OAKLAND	CA	946080000	
Mailing		1740 RELIE VALLEY RD	LAFAYETTE	CA	945490000	
Owner	RON ZIMMERMAN	1740 RELIE VALLEY RD	LAFAYETTE	CA	945490000	0000000000
Operator/Contact	RON ZIMMERMAN	1740 RELIE VALLEY RD	LAFAYETTE	CA	945490000	9259339642

Based Only Upon ID Number: **CAC002204481**

Calif. Manifests?	Non Calif. Manifests?	Transporter Registration?
Yes	N/A	N/A

California and Non California Manifest Tonnage Total and Waste Code by Year Matrix by Entity Type (if available) are on the next page

Calif. Manifest Counts and Total Tonnage

Top line represents Manifest Count and Bottom line represents Total Tonnage

Year	Generator	Trans. 1	Trans. 2	TSDF	ALT. TSDF
2000	2 2.93820	0 0.00000	0 0.00000	0 0.00000	0 0.00000

Non California Manifest Total Tonnage

No Records Found

Waste Code Matrix					
California	Generator	Trans. 1	Trans. 2	TSDF	Alt. TSDF
RCRA	Generator	Trans. 1	Trans. 2	TSDF	Alt. TSDF

Waste Code Matrix as a spreadsheet

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The Department of Toxics Substances Control (DTSC) takes every precaution to ensure the accuracy of data in the Hazardous Waste Tracking System (HWTS). However, because of the large number of manifests handled, inaccuracies in the submitted data, limitations of the manifest system and the technical limitations of the database, DTSC cannot guarantee that the data accurately reflect what was actually transported or produced.

Report Generation Date: 08/23/2018

Results for California Waste Codes, as a Generator, for EPA-ID: CAC002204481

Calif. Waste Code	Description	2000
223	UNSPECIFIED OIL-CONTAINING WASTE	0.9382
512	OTHER EMPTY CONTAINERS >= 30 GALLONS	2
	Grand Total	2.9382

No results for California Waste Codes, as a Transporter 1, for EPA-ID: CAC002204481
No results for California Waste Codes, as a Transporter 2, for EPA-ID: CAC002204481
No results for California Waste Codes, as a TSDF, for EPA-ID: CAC002204481
No results for California Waste Codes, as a Alternate TSDF, for EPA-ID: CAC002204481
Results for RCRA, as a Generator, for EPA-ID: CAC002204481

RCRA	Description	2000
	Blank/Unknown	2.9382
	Grand Total	2.9382

No results for RCRA, as a Transporter 1, for EPA-ID: CAC002204481
No results for RCRA, as a Transporter 2, for EPA-ID: CAC002204481
No results for RCRA, as a TSDF, for EPA-ID: CAC002204481
No results for RCRA, as a Alternate TSDF, for EPA-ID: CAC002204481

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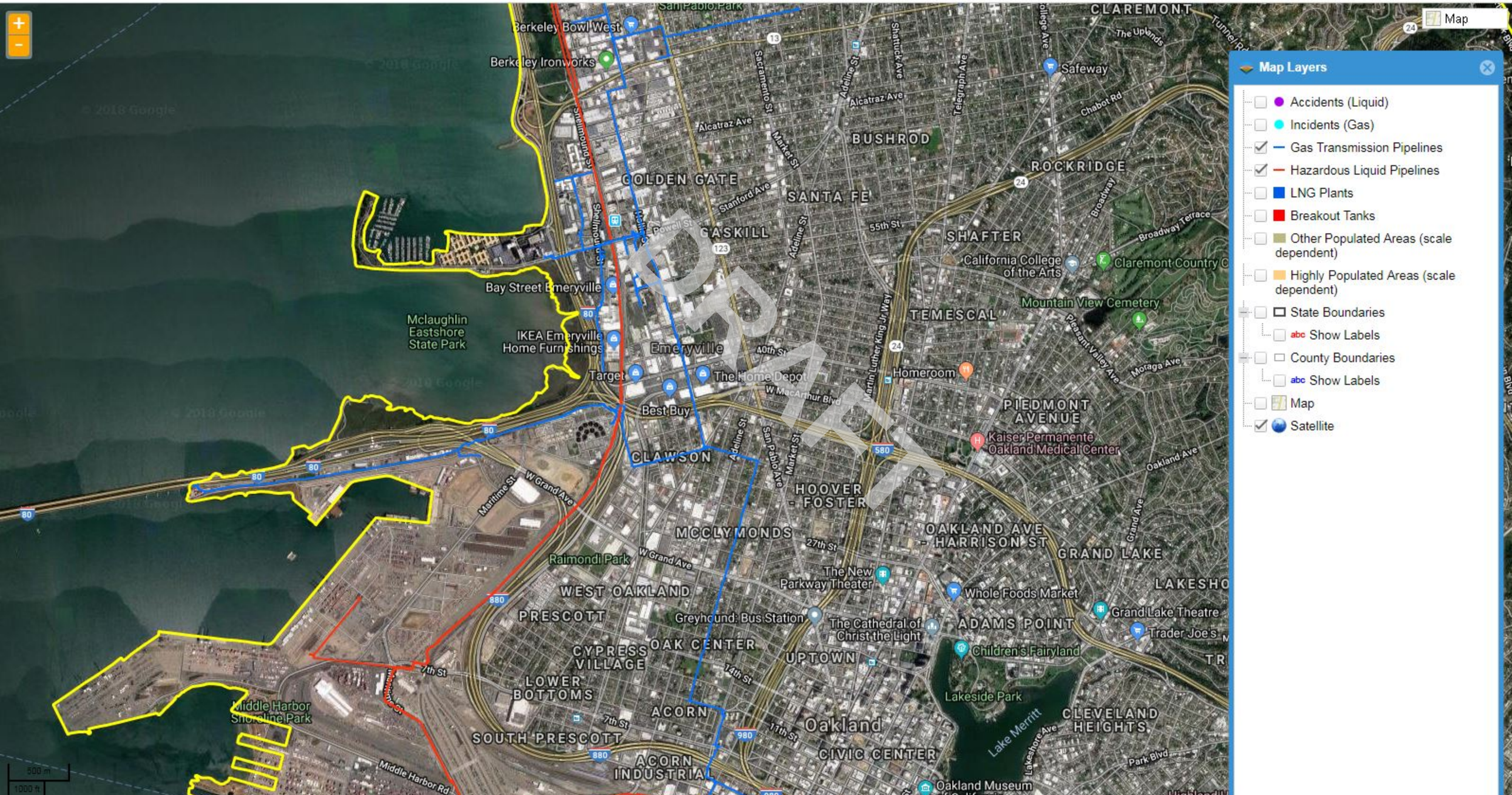
Public Viewer

Log Out Change County

Map Layers | Query Tools | Enter search term (min 4 chars) | Help



Ready | Zoom Level: 14 of 19 (1:24,000) Closest Zoom for Pipelines | 37.802510, -122.323899 | COUNTY : Alameda, CA

Accessibility | Disclaimer | About

Department of Conservation

Lat: 37.82354, Long: -122.29000

Division of Oil, Gas & Geothermal Resources - Well Finder

Find By Location

Find My Current Location

or

Street: 3442 Adeline Street

City: Oakland

Zip: 94608 Find

Display a 1500 foot buffer

Buffer radius is limited to 10 mi (52800ft).

Find By API

Find By Lat, Long

Find By PLSS

Find By Oil/Gas Field

Data (Layers):

- Notices & Permits
- DOGGR Wells
  - Label: API# Well# Detailed
  - EPA Wells for Aquifer Exemption Review
    - Enhanced Oil Recovery Wells
    - Disposal Wells
- TR26 Onshore Seeps
- Oil/Gas Fields
- California Geologic Map
- DOGGR Districts
- Public Land Survey System
- Cities
- State Assembly Districts
- State Senate Districts
- Congressional Districts
- Counties

DOC Services

Notice: Data are static as of 4/27/18. Daily updates will resume with the public release of DOGGR's new information system, WellSTAR, in Q4/2018.

Topographic

3442 ADELINE ST, Emeryville, CA, 94608

Northern District

200m 600ft

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APPENDIX F

OTHER SUPPORTING DOCUMENTATION

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AEI Consultants

ENVIRONMENTAL SITE ASSESSMENT QUESTIONNAIRE

Instructions: Please complete the following questionnaire to the best of your knowledge.

PROJECT/SITE INFORMATION

Project Street Address(es): 3442 ADELINE / 3433 Chestnut / 3499 Chestnut

City: OAKLAND County: Alameda State: CA Zip:

Parcel Number(s): Chestnut 5-478-5-1 / Adeline 5-478-20

CONTACT INFORMATION

Contact	Name	Phone Number	Years Associated w/Site
Owner:	Ronald & Steffi Zimmerman	TRUST →	925-852-9590
Site Contact:	SANDRA MOUAT - TRUSTEE		
Key Site Manager:	BILL MOUAT	925-457-5607	
Previous Owner(s), Operators and/or Occupants:			

PROPERTY USE AND SPECIFICATIONS

- ☐ Single-Family Residential
- ☐ Multi-Family Residential
- ☐ Commercial Office
- ☐ Commercial Retail
- ☐ Vacant or undeveloped
- ☐ Agricultural specify type:
- ☐ Industrial specify type:
- ☐ Other specify type: Construction Material Storage & Some for Maintenance & Personal Storage

Provide a general site description: TEMPORARY SPORTS FACILITY

Provide all known current/former addresses and/or parcel numbers:

Total Property Size: APPROX.

Original Construction Date:

Total Number of Buildings: 2 & 1 Parcel

Was Construction Phased? ☐Yes ☐No ☐Unk

Total Sq. Ft. of Buildings: approx 45,925

Dates of Renovations/Phases:

Are there any plans for site redevelopment or change in use? ☒Yes ☐No If yes, please describe: When Clear of Contamination POSSIBLE Commercial Stores & Condos or Apartments

Are there any bodies of water on or immediately adjacent to the site? ☐Yes ☒No If yes, please describe:

Electricity Provider: P.G.E.

Gas Provider: Not in Use P.G.E.

Heating System Fuel Source(s): None

Cooling System Power Source: None

Potable Water Source/Provider: EBMUD

Any waste water discharge at the site? ☐ Septic Tank/Leachfield ☒ Sanitary Sewer ☐ Other

Sanitary Sewer Provider (if applicable): Oakland Utilities

OCCUPANTS/TENANTS

Current Occupant(s)/Tenant(s)	Length of occupancy	Brief description of on-site operations

Project Manager: Elizabeth Scudero Return via Email: escudero@aeiconsultants.com

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AEI Consultants

Previous Occupant(s)/Tenant(s)	**Length of occupancy**	**Brief description of on-site operations**

Has the subject site ever been occupied by the following?
☐ Dry Cleaner ☐ Gas Station ☐ Printing Facility ☐ Manufacturing Facility
If yes, provide length of occupancy:

Have any previous investigations been performed at the subject property? ☐Yes ☐No
If Yes, are copies available? ☐Yes ☐No
If Yes, also note type and describe: ☐ Phase I ESA ☐ Phase II ☐ Asbestos ☐ Lead Paint ☐ Radon

ON-SITE ENVIRONMENTAL CONDITIONS

Are you aware of any of the following environmental conditions, **either current or former**, on the subject site?

NOTE: If applicable, please provide inventory records, inspection records and Safety Data Sheets (SDSs) to site inspector during site inspection.

Environmental Condition/Issue	Response	Notes on Yes Responses
Aboveground Storage Tanks	☐ Yes ☐ No	Unknown
Underground Storage Tanks	☒ Yes ☐ No	1 Gasoline Tank (REMOVED)
Hazardous/Toxic Substances	☐ Yes ☐ No	Unknown
Stored Chemicals	☐ Yes ☐ No	No
Chemical Spills/Releases	☐ Yes ☐ No	
Dump Areas/Landfills	☐ Yes ☒ No	
Waste Treatment Systems	☐ Yes ☒ No	
Wastewater Discharges	☐ Yes ☒ No	

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Floor Drains/Sumps/Clarifiers	☐ Yes ☐ No	
Pits, Ponds, Lagoons	☐ Yes ☐ No	
Stained Soil/Vegetation	☐ Yes ☐ No	
Pesticide/Herbicide Use	☐ Yes ☐ No	
Polychlorinated Biphenyls (PCBs)	☐ Yes ☐ No	
Electrical Transformers	☐ Yes ☐ No	
Hydraulic Lifts	☐ Yes ☐ No	
Elevators	☐ Yes ☐ No	
Asbestos	☐ Yes ☐ No	
Environmental Condition/Issue	**Response**	**Notes on Yes Responses**
Lead-Based Paint	☐ Yes ☐ No	
Oil/Gas Wells	☐ Yes ☐ No	
Environmental Cleanups	☐ Yes ☐ No	
Environmental Permits	☐ Yes ☐ No	

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OTHER ENVIRONMENTAL CONDITIONS

Are you aware of any pending, threatened, or past litigation relevant to hazardous substances or petroleum products in, on, or from the property?
☐ Yes ☐ No If yes, provide brief explanation.

Are you aware of any pending, threatened or past administrative proceedings relevant to hazardous substances or petroleum products in, on, or from the property?
☐ Yes ☐ No If yes, provide brief explanation.

Are you aware of any notices from any governmental entity regarding any possible violation of environmental laws or possible liability relating to hazardous substances or petroleum products?
☐ Yes ☐ No If yes, provide brief explanation.

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Are you aware of any incidents of flooding, leaks, or other water intrusion, and/or complaints related to indoor air quality? ☐ Yes ☐ No If yes, provide brief explanation.
Are you aware of any cases of extreme water damage or mold throughout the building(s)? ☐ Yes ☐ No If yes, provide brief explanation.
Person completing questionnaire:
Title/Affiliation to the subject property:
Number of years associated with the subject property:
Date:

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APPENDIX G

QUALIFICATIONS

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Elizabeth Scudero – Project Manager, Due Diligence

BA – Environmental Studies, University of California, Santa Cruz
BA – Feminist Studies (emphasis in Science, Technology, and Medicine), University of California, Santa Cruz

EPA accredited Asbestos Building Inspector
CA Certified Lead Sampling Technician

Ms. Scudero has been in the environmental service industry since 2013. She provides project management to ensure ASTM compliance and satisfaction of client requirements for Phase I Environmental Site Assessments, Environmental Transaction Screens, Regulatory Database Reviews, and Historical Records Reviews.

Project experience for Ms. Scudero includes:

- Phase I Environmental Site Assessments
- Limited Environmental Site Assessments
- Environmental Transaction Screens
- Records Research with Risk Assessments
- Regulatory Database Reviews
- Historical Records Reviews

In addition, prior to joining the environmental consulting industry, Ms. Scudero spent four years studying a diverse range of environmental disciplines including: restoration ecology, political ecology, environmental policy, agriculture and sustainable agriculture, environmental economics, environmental justice, and geography.

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Richard D. Fehler – National Client Manager

B.S. – Zoology, University of California, Davis

California Registered Environmental Assessor (REA I)

Mr. Fehler has over twenty-five years of environmental management experience gained as an environmental consultant; in the chemical manufacturing industry; in the hazardous waste management industry; and as an environmental regulator. He specializes in all aspects of environmental due diligence, regulatory compliance and negotiations, hazardous waste management, and auditing. Mr. Fehler has also received training in Greenhouse Gas and Sustainability Verification.

Mr. Fehler has served as project principal on hundreds of projects with wide-ranging scopes, including peer reviews and desktop reviews; due diligence on large portfolios (200 sites+), as well as single assets; investigation and management of lead, asbestos, mold, and *Legionella*; investigation, remediation and management of contamination in groundwater, soil and soil vapor; regulatory compliance and auditing; and representing clients with regulators to negotiate site closure/No Further Action and/or to develop effective remediation strategies and budgets.

Project experience for Mr. Fehler includes:

- Multiple Site Due Diligence - Managed and designed projects for many large portfolios (100-plus) of varied properties spread across various states. The scopes of work frequently include Indoor Air Quality/mold issues, lead-based paint, asbestos, and radon testing. The design of appropriate Phase II sampling is frequently required to resolve and close issues.

- Environmental Compliance Reviews – Designed and managed many environmental compliance audits for single or multiple assets. Project activities usually involve inspections, interviews, reviewing environmental permits, past environmental reports, standard operating procedures, material safety data sheets (MSDS), and other information related to regulatory compliance in the areas of hazardous materials, hazardous and non-hazardous waste management, workplace health & safety, air permitting and emission reporting, waste water permitting and monitoring, storm water management, underground storage tanks, and aboveground storage tanks.

- Regulatory Negotiation – Managed many Phase II investigations conducted in response to regulatory requirements or to resolve issues and/or to obtain case closure or No Further Action. Represented clients with regulators to negotiate appropriate scopes of work and move projects to successful completion.

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APPENDIX H

LIST OF COMMONLY USED ABBREVIATIONS

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UNITS

µg/L	Micrograms per Liter	**pCi/L**	PicoCuries per Liter
mg/kg	Milligrams per Kilogram	**ppb**	Parts per Billion
mg/L	Milligrams per Liter	**ppm**	Parts per Million

ABBREVIATIONS AND ACRONYMS

ACM	Asbestos-Containing Material	**NESHAP**	National Emission Standards for Hazardous Air Pollutants
ADJ	Adjacent site	**NFA**	No Further Action
AEI	AEI Consultants	**NFRAP**	No Further Remedial Action Planned
AHERA	Asbestos Hazard Emergency Response Act	**NLR**	No Longer Reporting
APN	Assessor's Parcel Number	**NOV**	Notice of Violation
AST	Aboveground Storage Tank	**NPL**	National Priorities List
AUL	Activity and Use Limitation	**O&M**	Operations and Maintenance
bgs	Below Ground Surface	**OEC**	Other Environmental Considerations
BTEX	Benzene, Toluene, Ethylbenzene, and Xylenes	**OSHA**	Occupational Safety and Health Administration
CERCLA	Comprehensive Environmental Response Compensation and Liability Act	**PCB**	Polychlorinated Biphenyl
CERCLIS	Comprehensive Environmental Response Compensation and Liability Information System	**PCE, PERC**	Perchloroethylene, Tetrachloroethylene, Tetrachloroethene
CESQGs	Conditionally Exempt Small Quantity Generators	**RCRA**	Resource Conservation and Recovery Act
COC	Contaminant of Concern	**REC**	Recognized Environmental Condition
CREC	Controlled Recognized Environmental Condition	**RP**	Responsible Party
EC	Engineering Controls	**SDS**	Safety Data Sheet
EDR	Environmental Data Resources, Inc.	**SEMS**	Superfund Enterprise Management System
EPA	Environmental Protection Agency	**SF**	Square Footage/Square Feet
ERIS	Environmental Risk Information Services	**SP**	Subject Property
ERNS	Emergency Response Notification System	**SQG**	Small Quantity Generator
ESA	Environmental Site Assessment	**SWLF**	Solid Waste Landfill
GPR	Ground-Penetrating Radar	**SVOC**	Semi-Volatile Organic Compound
HREC	Historical Recognized Environmental Condition	**TCE**	Trichloroethylene, Trichloroethene
HVAC	Heating, Ventilation and Air Conditioning	**TPH**	Total Petroleum Hydrocarbons
HWS	Hazardous Waste Site	**TPHd**	Total Petroleum Hydrocarbons (diesel range)
IC	Institutional Controls	**TPHg**	Total Petroleum Hydrocarbons (gasoline range)
LBP	Lead-Based Paint	**TPHo**	Total Petroleum Hydrocarbons (oil range)
LCP	Lead-Containing Paint	**TRPH**	Total Recoverable Petroleum Hydrocarbons
LLP	Landowner Liability Protection	**TSDF**	Treatment, Storage, and Disposal Facility
LQG	Large Quantity Generator	**USDA**	United States Department of Agriculture
LUST	Leaking Underground Storage Tank	**USGS**	United States Geological Survey
MCL	Maximum Contaminant Level	**UST**	Underground Storage Tank
MTBE	Methyl Tertiary Butyl Ether	**VCP**	Voluntary Cleanup Program
ND	None Detected	**VOC**	Volatile Organic Compound

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APPENDIX C

BUILDING SURVEY FORM

APPENDIX L - BUILDING SURVEY FORM

Preparer's Name: _____ Date/Time Prepared: _____
Affiliation: _____ Phone Number: _____

Occupant Information

Occupant Name: _____ Interviewed: ☐ Yes ☐ No
Mailing Address: _____
City: _____ State: _____ Zip Code: _____
Phone: _____ Email: _____

Owner/Landlord Information (Check if same as occupant ☐)

Occupant Name: _____ Interviewed: ☐ Yes ☐ No
Mailing Address: _____
City: _____ State: _____ Zip Code: _____
Phone: _____ Email: _____

Building Type (Check appropriate boxes)

☐ Residential ☐ Residential Duplex ☐ Apartment Building ☐ Mobile Home ☐ Commercial (office)
☐ Commercial (warehouse) ☐ Industrial ☐ Strip Mall ☐ Split Level ☐ Church ☐ School

Building Characteristics

Approximate Building Age (years): _____ Number of Stories: _____
Approximate Building Area (square feet): _____ Number of Elevators: _____

Foundation Type (Check appropriate boxes)

☐ Slab-on-Grade ☐ Crawl Space ☐ Basement

Basement Characteristics (Check appropriate boxes)

☐ Dirt Floor ☐ Sealed ☐ Wet Surfaces ☐ Sump Pump ☐ Concrete Cracks ☐ Floor Drains

Factors Influencing Indoor Air Quality

Is there an attached garage?	☐ Yes	☐ No	
Is there smoking in the building?	☐ Yes	☐ No	
Is there new carpet or furniture?	☐ Yes	☐ No	Describe: _____
Have clothes or drapes been recently dry cleaned?	☐ Yes	☐ No	Describe: _____
Has painting or staining been done with the last six months?	☐ Yes	☐ No	Describe: _____
Has the building been recently remodeled?	☐ Yes	☐ No	Describe: _____
Has the building ever had a fire?	☐ Yes	☐ No	
Is there a hobby or craft area in the building?	☐ Yes	☐ No	Describe: _____
Is gun cleaner stored in the building?	☐ Yes	☐ No	
Is there a fuel oil tank on the property?	☐ Yes	☐ No	
Is there a septic tank on the property?	☐ Yes	☐ No	
Has the building been fumigated or sprayed for pests recently?	☐ Yes	☐ No	Describe: _____
Do any building occupants use solvents at work?	☐ Yes	☐ No	Describe: _____

Sampling Locations

Draw the general floor plan of the building and denote locations of sample collection. Indicate locations of doors, windows, indoor air contaminant sources and field instrument readings.

Primary Type of Energy Used (Check appropriate boxes)

☐ Natural Gas ☐ Fuel Oil ☐ Propane ☐ Electricity ☐ Wood ☐ Kerosene

Meteorological Conditions

Describe the general weather conditions during the indoor air sampling event.

_____

General Comments

Provide any other information that may be of importance in understanding the indoor air quality of this building.

_____
_____
_____
_____
_____