Appendix E

Environmental Site Assessments and Other Hazardous Materials Site Investigations

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June 3, 2019

Mr. Jason Rastegar
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RE: Phase I Environmental Site Assessment
Rancho San Pedro Housing Development
Los Angeles, California 90731

Dear Mr. Rastegar:

FREY Environmental, Inc. (FREY), has complete the attached Phase I Environmental Site Assessment (Phase I) report for the One San Pedro Development Site (the Site) in accordance with the "Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process" prepared by the American Society for Testing and Materials (ASTM, 2013).

Based on the results of the attached Phase I report, FREY has identified the following on-Site recognized environmental conditions (RECs):

- A gas manufacturing plant was identified on the Site in 1908 and a DTSC case lists the case as Edison/San Pedro MGP at Santa Cruz St., Centre St., and Palos Verdes. The case was opened and closed in 1994 following the review of a Preliminary Endangerment Assessment Report.

- A sheet metal working shop was identified on the Site in 1921.

- A kerosene 1,000-gallon UST was installed on the Site at 275 W 1st Street in 1942 for heating use. Visual indication or documentation of abandonment of this UST was not identified.

- In addition to kerosene, other COCs appear to have been stored on Site at 275 West 1st Street. A 1950 certificate of occupancy for a flammable liquid storage building as well as numerous hazardous material waste manifests from 1987 through 2005 were identified. Additional COCs noted on the hazardous material waste manifests include but are not limited to: waste oil and mixed oil, oxygenated solvents, pesticides, halogenated solvents, hydrocarbon solvents, and polychlorinated biphenyls (PCBs).

- Based on the observations made during the conduct of the field inspection the storage of COCs, the existing clarifier and associated wash-down area/floor drains, concrete trenches and patches, hazardous waste generation and hazardous waste storage at the maintenance facility on-Site and the existence of asbestos containing materials (ACMs) in Site buildings are considered RECs.

RECOMMENDATIONS

Based on the results of the attached Phase I report, FREY recommends additional research and assessment be conducted at the Site to further assess and evaluate the RECs noted in the attached Phase I report including the following:

- Research, obtain and evaluate any available records available from the Department of Toxic Substances Control (DTSC) regarding the former gas plant located on-Site at Santa Cruz St., Centre St., and Palos Verdes;

- Conduct subsurface soil, soil vapor and groundwater investigations in the vicinity of the former gas plant, the former sheet metal facility and the existing on-Site maintenance facility, and;

- Conduct an asbestos survey in order to assess the existence of ACMs in all Site buildings.

We appreciate the opportunity to submit a proposal for this work. Please contact us at your convenience with any questions.

Sincerely,
FREY Environmental, Inc.

Sawyer Jones
Project Manager

Enclosure

PHASE I
ENVIRONMENTAL SITE ASSESSMENT

RANCHO SAN PEDRO HOUSING DEVELOPMENT
LOS ANGELES, CALIFORNIA 90731

Prepared For:

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Attn: Jason Rastegar

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June 3, 2019

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1.0 INTRODUCTION

This report presents the results of a Phase I Environmental Site Assessment (ESA) conducted by FREY Environmental, Inc. (FREY) for the Rancho San Pedro Housing Development in San Pedro, Los Angeles, California (referred to as "the Site" throughout the rest of this document).

The Site consists of approximately 21.2 acres of land identified by the following ten (10) assessor parcel numbers (APNs):

7449-017-900	7455-017-900
7449-017-901	7449-017-902
7449-018-900	7455-027-929
7449-018-901	7455-027-930
7449-018-902	7455-027-931

Additional Site identifiers include the following address ranges within the 90731 zip code area:

103-275 (odd) W. Santa Cruz Street	100-129 (all) N. Armona Court
103-385 (odd) W. 1st Street	100-229 (all) S. Armona Court
102-274 (even) W. 1st Street	100-129 (all) N. Arboles Court
201-275 (odd) W. 2nd Street	100-229 (all) S. Arboles Court.
102-384 (even) W. 2nd Street	100-129 (all) N. Palos Verdes Street
102-274 (even) W. 3rd Street	100-229 (all) S. Palos Verdes. Street
108-118 (even) S. Mesa Street	107-119 (odd) N. Beacon Street
100-120 (even) N. Centre Street	107-226 (all) S. Beacon Street
200-228 (even) S. Centre Street	117-225 (odd) S. Harbor Boulevard

A Site location map, Immediate Site Vicinity Sketch, and Site Sketch are presented shown as Figures 1 through 3, respectively.

2.0 OBJECTIVES

The objectives of the scope of work described below were to assess past and present land use practices, Site operations and conditions, and to identify the potential presence of hazardous substances in the soil, soil vapor, and groundwater beneath the Site to the extent feasible, pursuant to the processes described in the American Society for Testing and Materials (ASTM) guidelines (ASTM, 2013) and the All Appropriate Inquires (AAI) rule promulgated by the United States Environmental Protection Agency on November 1, 2005 (EPA, 2005).

3.0 TERMINOLOGY

For the purposes of discussion, the following terms are used in this report:

- *Site* refers to the property depicted in Figures 1 through 3 as identified in Section 1.0 above and described in Section 6.1, below;

- *Immediate Site Vicinity* refers to any real property or properties the border of which is contiguous or partially contiguous with that of the Site, or that would be contiguous or partially contiguous with that of the Site but for a street, road, or other public thoroughfare separating them;

- *Recognized Environmental Conditions (RECs)* as defined in ASTM 1527-13 are the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. *De minimis* conditions are not RECs.

- *Controlled Recognized Environmental Condition (CREC)* as defined in ASTM 1527-13 is a REC resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls.

- *Historical Recognized Environmental Condition (HREC)* as defined in ASTM 1527-13 is a past release of any hazardous substance or petroleum product that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting un-restricted use criteria established by a regulatory authority, without subjecting the property to any required controls.

- *"Vapor Encroachment Condition" (VEC)* as defined in ASTM E2600-15 is the presence or likely presence of vapor phase chemical(s) of concern (COC) in the subsurface of the target property as identified during the vapor encroachment screening process (ASTM, 2015).

- *"Area of Concern" (AOC)* as defined in ASTM E2600-15, for potential contaminated facilities with non-petroleum hydrocarbon COCs is equal to 1,760 feet around the Site and 528 feet around the Site for facilities with petroleum hydrocarbon COCs (ASTM, 2015).

- The term *"hazardous"* is used in general accordance with its definition in Title 22, Division 4, Chapter 30, California Code of Regulations (CCR). The terms material and waste are used interchangeably, and no legal distinction is implied between the two terms as used herein.

4.0 SCOPE OF WORK

The scope of work designed to provide the information needed to meet the objectives of the investigation was as follows:

- Inspect the Site;
- Conduct a Site vicinity reconnaissance in order to compile a current list of companies and/or businesses that may utilize potentially hazardous materials in the Immediate Site Vicinity;
- Photograph the Site and selected properties which bound the Site;
- Interview personnel familiar with the history of the Site, if available;

- Have a questionnaire completed by a person knowledgeable of the Site's history of operations;
- Review files maintained by City of Los Angeles Fire Department (LAFD) and Department of Building and Safety (LADBS), if available;
- Review files maintained by the Los Angeles County Department of Public Works (LACDPW) the Department of Public Health (LACDPH), and the Sanitation District (LACSD), if available;
- Review the State Water Resources Control Board's (SWRCB) GeoTracker and Department of Toxic Substance Control (DTSC) EnviroStor databases for files associated with the Site;
- Review fire insurance maps (FIMs), aerial photographs, topographic maps, phone directories, an environmental lien and activity use limitation (AUL) report, and a government agency database and physical setting report, specifically prepared for the Site by ERIS Environmental Risk Information Services (ERIS);
- Review the LADBS Methane Zone Map and the California Division of Oil, Gas and Geothermal Resources (CADOGGR) Well Finder Website for oil and gas wells, fields, and zones (including radon) in the Site Vicinity, and;
- Prepare a report summarizing the findings of the information presented above.

The scope of work did not include the sampling of soil, soil vapor, groundwater, lead-based paint, asbestos containing materials, radon gas, methane gas, air or the identification of suspect asbestos containing materials, a screening for lead in water, identification of moisture conditions in existing structures, a Site-specific wetlands delineation, or a review of flood zone maps.

5.0 PHYSICAL SETTING

5.1 PHYSIOGRAPHIC SETTING

The Site topography gently slopes from the northwest to the southeast with the eastern portion of the Site relatively flat. The average elevation across the Site is approximately 37 feet above mean sea level (feet msl). Regional topography in the Site Vicinity generally slopes from the west to the east (ERIS, 2019).

5.2 GEOLOGY AND HYDROGEOLOGY

The Site is located approximately 1.5 miles east of the Palos Verdes Hills and approximately 600 feet west of the main channel of the Los Angeles Harbor, and is located within the West Coast Subbasin of the Coastal Plain of Los Angeles (DWR, 2004).

Quaternary alluvium and marine deposits are the primary lithologies in the vicinity of the Site (ERIS, 2019). Lithologies in borings drilled to depths of approximately 60 feet below ground surface (bgs) are reported to consist mainly of clays, silts, siltstone, and claystone at five (5) GeoTracker facilities located on Gaffey Street at distances ranging from approximately 2,600 feet to 3,200 feet west from the Site (SWRCB, 2019).

A review of groundwater depths on the State Water Resources Control Board (SWRCB) Geotracker and GAMA websites indicates the median depth to groundwater in twelve wells located within a one-mile radius of the Site is reported to range from approximately 8 to 42 feet bgs. Shallow depths were typically reported in wells closer to the harbor (lower elevation) and deeper depths were reported for wells located further west from the harbor (higher elevation). Groundwater flow is estimated to be generally to the east in the Site vicinity based on information from five (5) GeoTracker facilities located on Gaffey Street at distances ranging from approximately 2,600 feet to 3,200 feet west of the Site (SWRCB, 2019).

5.3 GROUNDWATER SUPPLY WELLS

No public groundwater supply wells are shown to be located within a one-mile radius of the Site (SWRCB, 2019).

6.0 FIELD INVESTIGATION

6.1 SITE INSPECTION

FREY conducted a Site inspection on May 29, 2019. Photographs of the Site are included in Appendix A. The Site inspection included a visual review of the property for past or present use, storage, handling, and disposal of potentially hazardous substances, and possible future releases of such substances.

FREY met with Site management personnel and visually inspected the Los Angeles Housing Authority office and maintenance facilities located at 275 W 1st Street, storage facilities located at the southeast corner of 2nd street and Palos Verdes Street and mobile offices located at the southeast corner of 2nd Street and Beacon Street.

COCs observed in the maintenance facility included less than 5-gallon containers of gasoline, paint, paint thinners, new oil, used oil, pesticides and herbicides that were being stored in labelled cabinets or on secondary containment pallets. One 55-gallon drum of used oil was observed on a secondary containment pallet.

A clarifier was observed on the north side of the maintenance facility with a 4-foot by 4-foot wash down area and drain located to the east of the clarifier. This wash down area appeared to be used for cleaning/washing small tools and equipment. Saw cuts and concrete patches that lead to the clarifier area in the maintenance facility also appear to be associated with the clarifier and appear to be a former floor drain and/or wash down area.

Six shipping containers were being used for storage sheds on the property located at the southeast corner of 2nd street and Palos Verdes Street. The shipping containers were used for storage of new appliances (stoves, refrigerators, hot water heaters, etc.), building materials and paints.

One trailer was located in this storage facility and was labeled with asbestos warning labels. According to the property manager, this trailer contained asbestos containing materials generated by on-going asbestos abatement activities being conducted at the Site.

Additionally, FREY inspected the exteriors of the remaining portions of the property that were generally occupied by residential apartments, lawns, playgrounds, parking lots, and a community garden. FREY gained access to two vacant residential dwellings while on-Site. Asbestos abatement activities for removal of floor tiles appeared to have been recently completed in one vacant residence (128 W 2nd Street). Minor surface staining was observed in parking lots throughout the Site. No other COCs were observed during the inspection of this portion of the Site.

The storage of COCs, the clarifier, associated wash-down area/floor drains, concrete trenches and patches, hazardous waste generation (used oil) and hazardous waste storage at the maintenance facility on-Site and the existence of asbestos containing materials (ACMs) in Site buildings are considered RECs.

6.2. IMMEDIATE SITE VICINITY RECONNAISSANCE

FREY visually reviewed the exterior of properties surrounding the Site. The Site is located in a densely developed, mixed residential and commercial use area. An Immediate Site Vicinity Sketch is presented on Figure 2. A description of the Immediate Site Vicinity is as follows:

- The Site is bound by Santa Cruz Street to the north followed by multi-tenant and single family residential properties.

- The Site is bound by North and South Harbor Boulevard and North and South Beacon Street to the east, followed by commercial properties including what appears to be a trailer and auto storage yard, a vacant warehouse and a church across Beacon Street and railroad tracks and a large parking lot for the Port of Los Angeles across Harbor Boulevard.

- The Site is bound to the south by Second Street and Third Street followed by multi-tenant residential properties across Second Street and commercial properties including the Port of Los Angeles Police Station, the Port of Los Angeles High School, the Port of Los Angeles Headquarter offices and the Port of Los Angeles Boys and Girls Club across Third Street.

- The Site is bound by Centre Street and Mesa Street to the west followed by multi-tenant and single family residential properties.

No RECs were observed during the Immediate Site Vicinity Reconnaissance.

6.3 PERSONNEL INTERVIEW

Florencio Tapis, a City of Los Angeles Housing Authority Manager for the Rancho San Pedro

property, completed the Transaction Screen Questionnaire for this Phase I Environmental Site Assessment, a copy of which is included in Appendix B. In response to herbicide/pesticide use, Mr. Tapia noted that Round-Up, Spectricide Weed Killer, and Ortho Bug Killer are used on Site. In response to questions 1 through 18, Mr. Tapia answered no or unknown to all except question numbers 2a, 4, and 10. The details noted by Mr. Tapia regarding the yes responses for questions 2a, 4, and 10 are as follows:

- 2a. *"We have a clarifier in use in our maintenance yard."*
  (The clarifier was observed to be connected to a drain located in the equipment wash area, historical use of the clarifier is unknown)
- 4. *"We have a motor oil drum in our maintenance yard."*
  (Motor oil collected from small lawn mowers and small landscape tools and equipment)
- 10. *"Small oil stains from vehicles in parking lots."*

The storage of COCs, such as the motor oil drum, and the presence of the clarifier at the maintenance facility on-Site are considered RECs as noted previously in Section 6.1 above.

7.0 REGULATORY AGENCY REVIEW

7.1 CITY OF LOS ANGELES

7.1.1 Fire Department (LAFD)

FREY searched the LAFD online inventory lists of underground storage tanks (USTs), above ground petroleum storage tanks, and hazardous material facilities located within the City of Los Angeles for active, inactive, and historical facilities.

The Site was identified in the LAFD historical UST files list under the Site address 275 West 1st Street. FREY requested files associated to this listing, and the LAFD provided FREY with four (4) pages of documents related to the historical UST listing. The documents include 1942 fire permit documents for Standard Oil Company of California to install a 1,000-gallon UST for kerosene used in connection with heating and a 1950 certificate of occupancy for the Housing Authority of Los Angeles for a one-story structure for flammable liquid storage. Copies of the LAFD supplied documents for the Site are included in Appendix C.

The storage of flammable liquid and the historical presence of a fuel UST on-Site are potential RECs.

7.1.2 Department of Building and Safety (LADBS)

FREY searched the LADBS online building records for files associated with the Site APNs. Permits dated from 1914 through 2016 are on file with the LADBS for numerous Site addresses. The majority of the permits identified for the Site are in relation to Site dwellings and the City of LA Housing Authority Administrative building. A brief summary of the permit files by APN and address is included in Appendix C.

Only one document of concern was identified in the LADBS file search. The document is a 1950 certificate of occupancy for a one-story structure for flammable liquid storage at 275 West 1st Street that was previously identified as discussed in Section 7.1.1 above.

7.2 COUNTY OF LOS ANGELES

7.2.1 Department of Public Works (LACDPW)

FREY conducted a searched for records at LACDPW on May 8, 2019. FREY did not locate any documents related to the Site at the LACDPW.

7.2.2 Department of Public Health (LACDPH)

FREY requested a file search for records on file with the LACDPH. The LACDPH responded in letters dated May 3, 2019, that the file search revealed no records. Copies of the LACDPH response letters are included in Appendix D.

7.2.3 Sanitation District (LACSD)

FREY requested a file review for records on file with the LACSD. The LACSD respond on April 24, 2019 that no records were found. A copy of the LACSD response request is presented in Appendix D.

7.3 STATE OF CALIFORNIA

FREY researched environmental cleanup sites and hazardous waste facilities using the DTSC EnviroStor website and leaking UST cleanup sites, RWQCB cleanup sites, land disposal sites, military sites, and Waste Discharge Requirement Program sites using the SWRCB GeoTracker website. FREY reviewed information for the Site and the AOC to assess potential on-Site and off-Site sources of chemicals of concern in soil and groundwater beneath the Site.

7.3.1 DTSC EnviroStor

The DTSC EnviroStor database lists one case that FREY believes to be for the Site based on information gathered from fire insurance maps discussed in Section 8.1 below.

Two additional facilities located within the AOC of 1,760 feet of the Site are also listed in the database. Summaries of the facility information is presented below.

<u>Santa Cruz St., Centre St., and Palos Verdes (Edison/San Pedro MGP)</u>

- This facility is listed as a voluntary cleanup property that was a manufactured gas plant (MGP) reported to have contaminated soil. The facility received a no further action status as of November 23, 1994 following the review of a preliminary endangerment assessment report.

Comments reported in this database listing state that the "*DTSC concurs ... that a Deed Notice be placed on the property.*" No additional pertinent information is provided with this database listing (DTSC, 2019).

Based on information derived from the 1908 fire insurance map summarized in Section 8.1 below, FREY believes this facility is in reference to an Edison Electric Company Gas Plant shown on the Site (south side of Santa Cruz Street between Centre Street and Palos Verdes Street). FREY requested to review historical documents associated with this facility listing if available from the DTSC. As of the writing of this report, FREY has yet to receive a response to the request.

A MGP historically located on the Site is a REC.

425 South Palos Verdes Street (Port of Los Angeles Berth 174)

- According to the envirostor website, this facility is shown to be located approximately 600 feet south of the Site. However, upon review of additional documents provided on the envirostor website, it is apparent that this facility is actually located over one (1) mile northeast of the Site across the main harbor channel from the Site. This facility is located on a man-made peninsula of land created from fill and dredged material, within the Port of Los Angeles (POLA). For approximately 75 years, the Site was operated as a shipment and storage terminal for petroleum hydrocarbons. Operations ceased in 1999 and the Site was demolished. Investigation reports indicated the presence of light non-aqueous phase liquid (LNAPL) petroleum products including both crude oil and refined product. Groundwater monitoring and LNAPL removal is on-going. Several VOCs, primarily aromatic volatile organic compounds (VOCs) and fuel oxygenates, were detected at varying concentrations in groundwater samples. This facility is listed as still being under evaluation and was referred to the California Regional Water Quality Control Board (RWQCB) in January of 2011 (DTSC, 2019).

  Based on the location of the facility over one (1) mile northeast of the Site and located across the main harbor channel from the Site, this facility is not considered a REC.

538 West 5th Street (Richards Cleaners)

- This facility, located approximately 1,300 feet south of the Site, is a former dry-cleaning facility identified to have contaminated soil, soil vapor and groundwater with tetrachloroethylene (PCE), trichloroethylene (TCE), and gasoline range hydrocarbons. Contamination associated with this facility appears relatively well assessed in all directions and does not extend more than a few hundred feet from the property (DTSC, 2019).

  Based on the assessment conducted at this facility under agency oversight, it appears unlikely that soil, soil vapor, or groundwater beneath the Site have or will be impacted by the COCs released at this facility. As such, this facility is not a concern.

7.3.2 SWRCB GeoTracker

The SWRCB GeoTracker database did not list any cases for the Site (SWRCB, 2019).

One facility located within the AOC of 1,760 feet of the Site is listed in the database. The facility, Rainbow Services at 550 West 4th Street (approximately 1,120 feet southwest of the Site), is listed as an open cleanup program case that was under assessment in 1996 and 2002 and was listed as inactive as of January 2015. No additional pertinent information is presented for this case (SWRCB, 2019). Since this case has been inactive for 4.5 years, it appears unlikely that it will be a concern to the Site.

8.0 HISTORICAL INFORMATION REVIEW

ERIS provided fire insurance maps, topographic maps, aerial photographs, a city directory abstract, and an environmental lien and activity use limitations (AUL) search report for the Site. The ERIS information presented below has been attached in Appendix E.

8.1 FIRE INSURANCE MAPS

Fire insurance maps (FIMs) from 1888, 1891, 1908, 1921, 1950, and 1969 were provided by ERIS. Details for property development on the Site and in the Immediate Site Vicinity depicted on the maps are summarized below.

Site

- Only the southeast corner of the Site is depicted in the 1888 and 1891 maps and is shown developed mainly with dwellings.
- All of the Site property is depicted in the 1902 and 1908 maps, as well as all of the major streets surrounding the Site. Approximately 75% of the plots are shown developed primarily as dwellings and the rest as vacant.
- In the 1921 map, rail road tracks appear to the east of the Site.
- In the 1950 map approximately 50% of the Site is shown redeveloped with structures associated with the original Rancho San Pedro development as it generally exists currently.
- In the 1969 map, the Site appears to be developed as it generally exists currently with both the original Rancho San Pedro Development and Rancho San Pedro extension development.

Details of concern noted on the FIM maps include:

- A circular structure is shown on one of the Site plots along Palos Verdes Street in the 1902

map, and in the 1908 map this plot is shown labeled as the "Edison Electric Co. Gas Plant" with two and larger and two smaller circular structures and with address that appears to be 247 and/or 253 West Santa Cruz Street.

- In the 1921 map, a plot is labeled as "Sheet Metal Works" at 286 West 3rd street.

The former presence of a gas manufacturing plant and a metal working facility on the Site are RECs.

Immediate Site Vicinity

Details of portions of the properties in the Immediate Site Vicinity are shown in the 1888 through 1908 maps, and all properties surrounding the Site are shown in the 1921 through 1969 maps. The majority of developments shown are dwellings with some businesses and warehouses. Railroad lines, storage facilities, and other structures related to harbor shipping use are shown in the earliest map. Due to the copy quality of the maps not all business names in the Immediate Site Vicinity are clearly legible.

No properties of concern were identified in the Immediate Site Vicinity on the FIMs.

8.2 TOPOGRAPHIC MAPS

EDR provided historical topographic maps from 1896, 1923, 1925, 1944, 1951, 1964, 1972, 1981, and 2015. The Site and portions of the properties in the Immediate Site Vicinity are shown developed on the 1896 map, and all are depicted as highly developed in the 1923 map.

No potential RECs were noted on the topographic maps.

8.3 AERIAL PHOTOGRAPHS

EDR provided aerial photographs from 1928, 1947, 1952, 1960, 1963, 1972, 1980, 1985, 1994, 2002, 2005, 2010, 2012, 2014, and 2016. The scale for the aerial photographs is 1-inch equals 500 feet. A summary of the information derived from the photos is presented below.

Site

All of the major streets surrounding the Site are visible in the 1928 photo, with the majority of the Site properties appearing developed as single family residential. In the 1947 and 1952 photos, redevelopment of the Site is visible. In the 1960 photo the Site appears generally as is exists currently. Some minor redevelopment to 275 West 1st Street and to the southeast corner of the intersection of 2nd Street and Palos Verdes Street are visible in some of the photos post-1960 with no changes noted after 2002.

Conditions observed on the aerial photographs do not indicate presence of any on-Site RECs.

Immediate Site Vicinity

Properties in the Immediate Site Vicinity appear to be densely developed in the earliest photo. Properties appear mainly as single family residential with some larger structures which may be business or multitenant residential. Various redevelopments are visible in successive photos.

8.4 CITY DIRECTORY REVIEW

FREY reviewed three ERIS City Directory Report for the years of 1926 through 2018 for the Site addresses and addresses nearby.

The Site is identified in the earliest listings. Site use information gathered from the City Directory Report indicate the Site has been used mainly for residential purposes since 1926 with some lesser use for religious, education, and childcare purposes.

Listings for addresses other than those of the Site identified in the City Directory Report are mainly residential with some business listings.

No RECs were identified during review of the ERIS City Directory Report.

8.5 ENVIRONMENTAL LIENS

FREY reviewed the environmental lien search report provided by ERIS which included a search for environmental liens and activity use limitations (AULs) for the Site. No environmental liens or AULs were found for the Site.

9.0 GOVERNMENT AGENCY LISTING FINDINGS

FREY reviewed the ERIS Database and Physical Setting Reports for the Site which have been attached in Appendix E. The results of the review are summarized in the following sections.

9.1 OIL AND GAS

FREY reviewed the ERIS physical settings report for oil and gas wells in the Site Vicinity. There are two wells shown located within a one-mile radius of the Site. The closest listed well is located approximately 0.2- mile from the Site and is reported to be idle. The second well is located 0.87-mile from the Site with an unknow activity status. These wells are not considered a REC.

FREY also reviewed the LADBS ZIMAS website and verified that the Site is not located in a methane or methane buffer zone (LADBS, 2019).

9.2 RADON

The EDR Radius Map physical settings report indicates the Site is located in an average radon exposure zone according to a generalized assessment of radon potential in Los Angeles County. The USEPA lists Los Angeles County as Radon Zone Level 2, for areas where the indoor average radon level is greater than 2 picocuries per liter (pCi/L) but less than 4 pCi/L. The USEPA has an action level of 4 pCi/L (EPA, 2002).

9.3 REGULATORY AGENCY DATABASE REVIEW

9.3.1 Site

The Site is listed in the ERIS Database report under the FINDS/FRS, HAZNET, HIST MANIFEST, and RCRA NON GEN databases as 275 West 1st Street. A summary of the information provided on these database listings is below.

- The FINDS/FRS database listing is for the City of LA/Housing Authority and is linked to the listing RCRA NON GEN database listing which reports the facility as a transporter of waste. The type of waste transported is not reported. As of March 2019, there were no violation records associated with this facility listing.

- The HIST MANIFEST database listing is for numerous waste manifests from 1987 to 1992 for the following wastes:
    - Asbestos containing waste
    - Waste oil and mixed oil
    - Oxygenated solvents
    - Pesticides Halogenated solvents
    - Other organic solid waste
    - Hydrocarbon solvents
    - Oil/water separation sludge
    - Polychlorinated biphenyls (PCBs) and materials containing PCBs

- The HAZNET database listings are for numerous waste manifests from 1994 through 2005 for the following wastes:
    - Other organic solids
    - Unspecified solvent mixture
    - Waste oil and mixed oil
    - Paint sludge
    - Asbestos containing waste
    - PCBs and materials containing PCBs
    - Alkaline solution without metals
    - Of-specification, aged, or surplus inorganics
    - Unspecified oil containing waste

- Unspecified aqueous solution
- Other inorganic solid waste
- Aqueous solution with total organic residue less the 10%
- Oil/water separation sludge
- Unspecified organic liquid mixture

The Site is also listed under the EnviroStor and VCP databases as Edison/ San Pedro MGP at Santa Cruz Street, Centre Street, and Palos Verdes (although the ERIS Database report does not identify this facility as the Site and shows it to be located 57 feet east). Details on this Site facility were summarized previously in Section 7.3.1 above.

COCs noted on the hazardous material waste manifests include but are not limited to: waste oil and mixed oil, oxygenated solvents, pesticides, halogenated solvents, hydrocarbon solvents, and polychlorinated biphenyls (PCBs).

These database listings for the Site are considered potential RECs due to the possible presence of COCs being present on the Site. COCs noted on the hazardous material waste manifests include but are not limited to: waste oil and mixed oil, oxygenated solvents, pesticides, halogenated solvents, hydrocarbon solvents, and polychlorinated biphenyls (PCBs).

Two additional facilities are shown on the ERIS Database report to be on the Site. However, the addresses of the two facilities (31 S. Palos Verdes St. and 325 S. Palos Verdes St.) are not Site addresses. The address 31 South Palos Verdes does not appear to exist, and the facility listing for this address (HAZNET listing for a private residence likely for asbestos containing waste) is not a concern. The facility information for 325 S. Palos Verdes Street is summarized below in Section 9.3.2.

9.3.2 Immediate Site Vicinity

Five (5) addresses, which are located adjacent to or immediately across adjacent roads to the Site, are listed in the ERIS Database report. A summary of these details of these facility listings is below.

- 252 West Santa Cruz Street (north of the Site) is listed in the CHMIRS database as a SoCal Gas natural gas leak. A vapor phase gas leak was reported at this address due to gas valve damage caused by a resident. The leak was controlled shortly after the leak was reported.

- 204 West Santa Cruz (north of the Site) is listed in the HAZNET database as a private residence that had asbestos containing waste that was disposed of at a landfill.

- 325 South Palos Verdes Street (south of the Site) is identified in the ALT FUELS database as City of Los Angles – Port of Los Angeles – Administration. This listing is for a compressed natural gas fuel station that has not operated after December 2012.

- 137 South Mesa Street (west of the Site) is identified in the HAZNET database as a private residence that had asbestos containing waste that was disposed of at a landfill.

Based on the information for these facility listings, none of these 5 properties are considered to be a concern.

9.3.3 Potential Areas of Concern

Sixteen (16) additional addresses are listed in the ERIS Database report to be located within the AOC of 528 feet of the Site as potentially having used or stored petroleum hydrocarbons or other COCs such as chlorinated VOCs or solvents. These addresses were listed on at least one of the following databases: CHMIRS, LA CITY HAZMAT, FINDS/FRS, RCRA NON GEN, CERS HAZ, ERNS, UST LA CITY, DELISTED TNK, DELISTED COUNTY, CERS TANK, EMISSIONS, HIST TANK, WASTE DISCHARGE, UST, and LA SML.

Of these sixteen additional addresses within the AOC of 528 feet of the Site, two (2) have reported leaks or spills (300 South Harbor Boulevard and 444 South Harbor Boulevard). The spills associated with these listings in CHMIRS database are all reported sheens of gasoline or oils reportedly observed on the water surface in the harbor located more than 600 feet east of the Site.

An additional forty-seven (47) addresses, which may have been exposed to other COCs such as chlorinated VOCs or solvents, are listed on the ERIS Database report within the AOC between 528 and 1,760 feet of the Site. These facilities were listed in one or more of the following databases: RCRA NON GEN, LA CITY HAZMAT, RCRA SQG, LA SML, EnviroStor, CERS HAZ, DELISTED HAZ, CLEANUP SITES, RCRA LQG, HWSS CLEANUP, HIST CORTESE, and RESPONSE.

Of the additional forty-seven addresses within the AOC between 528 and 1,760 feet of the Site, two (2) of the properties have reported spill/leaks and associated cleanup cases. However, as discussed in Section 7.3.1 above, upon further investigation of information provided for the property POLA at 425 South Palos Verdes Street, this case is not considered an REC based on the actual distance from the Site.

10.0 DATA GAPS

No significant data gaps were noted in the preparation of this report.

11.0 CONCLUSIONS

FREY has prepared this Phase I ESA in general conformance with the scope and limitations of the ASTM and AAI guidelines. Any exceptions to or deletions from this practice are described in Section 4.0 and 10.0 of this report.

11.1 SITE HISTORY AND CURRENT STATUS

- The Site was first developed prior to 1888 primarily as residential property (single family dwellings).

- Non-residential use of the Site as "Edison Electric Co. Gas Plant" (247 and/or 253 West Santa Cruz Street) and as "Sheet Metal Works" (286 West 3rd Street) in 1908 and 1921, respectively, is noted in FIM maps.

- Major redevelopment of the Site began in 1942 with a first phase of construction that included 284 units on 12.5 acres for Defense Department industry workers that was later converted to public housing in 1952.

- In 1952, a second phase of redevelopment was conducted that included the construction of 194 units on 8.7 acres. Since that time, the Site has remained relatively unchanged.

11.2 ON-SITE RECs

- A gas manufacturing plant was identified on the Site in 1908 and a cleanup case with the DTSC appears to be associated with it. The DTSC case lists the case as Edison/San Pedro MGP at Santa Cruz St., Centre St., and Palos Verdes. The case was opened and closed in 1994 following the review of a Preliminary Endangerment Assessment Report.

- A sheet metal working shop was identified on the Site in 1921.

- A kerosene 1,000-gallon UST was installed on the Site at 275 W 1st Street in 1942 for heating use. Visual indication or documentation of removal or proper abandonment in place of this UST was not identified.

- In addition to kerosene, other COCs appear to have been stored on Site at 275 West 1st Street. A 1950 certificate of occupancy for a flammable liquid storage building as well as numerous hazardous material waste manifests from 1987 through 2005 were identified. Additional COCs noted on the hazardous material waste manifests include but are not limited to: waste oil and mixed oil, oxygenated solvents, pesticides, halogenated solvents, hydrocarbon solvents, and polychlorinated biphenyls (PCBs).

- Based on the observations made during the conduct of the field inspection the storage of COCs, the existing clarifier and associated wash-down area/floor drains, concrete trenches and patches, hazardous waste generation and hazardous waste storage at the maintenance facility on-Site and the existence of asbestos containing materials (ACMs) in Site buildings are considered RECs.

11.3 AREA OF CONCERN

A total of 63 properties were identified as potential RECs within the AOCs for petroleum hydrocarbons and non-petroleum hydrocarbons COCs. None of the facilities were listed as having an unauthorized release or are actively undergoing cleanup measures. These properties are not considered to be RECs based on the status of the facility listings and/or the distance from the Site.

12.0 LIMITATIONS

The judgments described in this report are professional opinions based solely within the limits of the scope of work authorized and pertain to conditions judged to be present or applicable at the time the work was performed. Future conditions may differ from those described herein, and this report is not intended for future evaluations of this Site unless an update is conducted by a consultant familiar with environmental assessments.

This report was compiled partially of information supplied to FREY from outside sources, other information that is in the public domain and a visual inspection of the Site. FREY makes no warranty, assumes no responsibility or liability as to the accuracy of statements made by others, which may be contained in this report, nor are any other warranties or guarantees, expressed or implied, included or intended by the report, except that it has been prepared in accordance with the current accepted practices and standards consistent with the level of care and skill exercised under similar circumstances by other professional consultants or firms performing similar services.

The conclusions represent FREY's professional judgment based on information obtained and reviewed during the course of this assessment.

13.0 PROFESSIONAL STATEMENTS

We declare that, to the best of our professional knowledge and belief, we meet the definition of an environmental professional as defined in section 312.10 of 40 CFR 312. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the Site. We have developed and performed all the appropriate inquiries in conformance with the standards and practices set forth in 40 CFR 312.

Should you have any questions regarding this report, please contact us.

Sincerely,
FREY Environmental, Inc.

REGISTERED ENGINEERING GEOLOGIST
JOSEPH W. FREY
No. 1500
Exp. 8/30/20
STATE OF CALIFORNIA

Joe Frey
Principal Certified
Engineering Geologist
C.E.G. #1500

Sawyer Jones
Project Environmental
Scientist

Sawyer Jones (For)

Deanna Hoppe
Senior Staff Geologist

REFERENCES

ASTM (American Society for Testing and Materials), 2013; Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, Designation: E1527-13, November 11, 2013.

_____, 2015; Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions, Designation: E2600-15.

DTSC (Department of Toxic Substances Control), 2019; envirostor.dtsc.ca.gov, Site Vicinity search performed on May 5, 2019.

DWR (California Department of Water Resources) 2004; Bulletin No. 118, *South Coast Hydrogeologic Region – Coastal Plain of Los Angeles Groundwater Basin,* last updated February 27, 2004.

ERIS (Environmental Data Resources, Inc.), 2019; Physical Settings Report, Fire Insurance Maps, Topographic Maps, Historical Aerials, City Directory, Database Report, and Environmental Lien Search, dated April 2019

EPA (Environmental Protection Agency), 2002; A Citizens Guide to Radon, 4th Edition, May 2002.

EPA, 2005; All Appropriate Inquiries Final Rule, 40 CFR Part 312, dated November 1, 2005.

LADBS (City of Los Angeles Department of Building and Safety), 2019; ladbs.org and zimas.lacity.org search for Site records and for methane zone information performed on May 10, 2019.

SWRCB (California State Water Resources Control Board), 2019, Site Vicinity Search of GeoTracker ESI and GAMA Groundwater map websites conducted on May 5, 2019.

FIGURES

NOTE:

1. Base map from USGS 7.5 minute San Pedro & Torrance (dated 2018) California topographic quadrangle

0 1/2 1

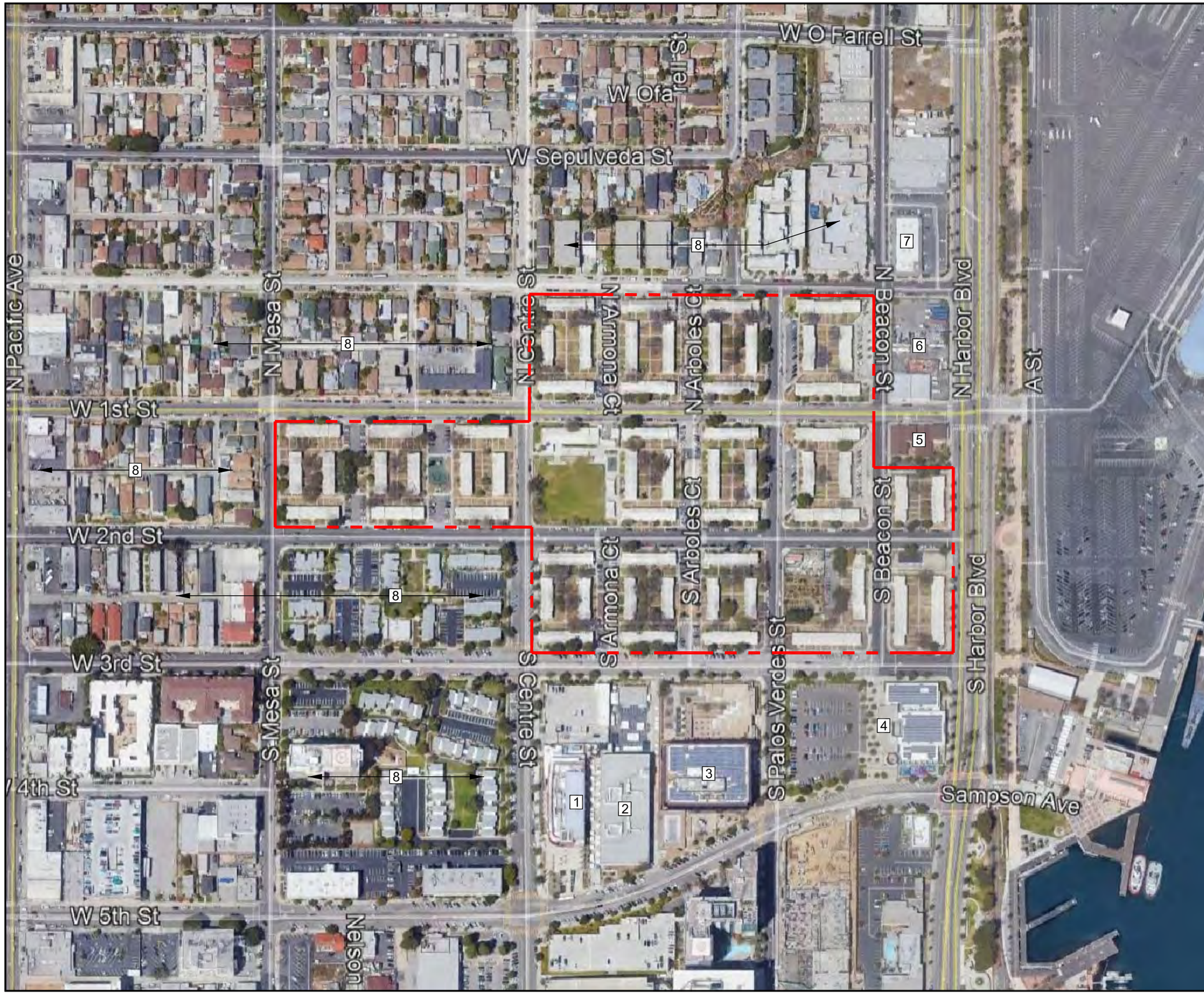
APPROXIMATE SCALE IN MILES

SITE LOCATION MAP

ONE SAN PEDRO DEVELOPMENT
SAN PEDRO, CALIFORNIA

FREY ENVIRONMENTAL, INC.

CLIENT:	PROJECT No.:	DATE:
THE RICHMAN GROUP OF CLAIFORNIA	759-13	05/2019
FILE NAME: 759-13-SL.DWG	**FIGURE 1**	



LOCATION	BUSINESS ADDRESS	DESCRIPTION
SITE		
1	330 S. Centre Street	Port of L.A. Police Station
2	250 W. 5th Street	Port of L.A. High School
3	425 S. Palo Verde Street	Port of L.A. Administration Building
4	100 W. 5th Street	Port of L.A. Boys & Girls Club
5	101 S. Harbor Boulevard	Union Missionary Baptist Church
6	No Address	Storage Yard & Vacant Building
7	203 N. Harbor Boulevard	West Marine
8	Multiple Addresses	Residential Properties

SITE BOUNDARY

NOTES:

1. All locations and dimensions are approximate.
2. Site Sketch from Google Earth Aerial Photo.

0 250 500

APPROXIMATE SCALE IN FEET

SITE VICINITY SKETCH

ONE SAN PEDRO DEVELOPMENT
SAN PEDRO, CALIFORNIA

FREY ENVIRONMENTAL, INC.

CLIENT:	PROJECT No.:	DATE:
THE RICHMAN GROUP OF CLAIFORNIA	759-13	05/2019
FILE NAME: 759-13-VC.DWG	FIGURE 2	

LEGEND

Location of Area of Concern

NOTES:

1. All locations and dimensions are approximate.
2. Site Sketch from Google Earth Aerial Photo.

0 150 300

APPROXIMATE SCALE IN FEET

SITE SKETCH

ONE SAN PEDRO DEVELOPMENT
SAN PEDRO, CALIFORNIA

FREY ENVIRONMENTAL, INC.

CLIENT:	PROJECT No.:	DATE:
THE RICHMAN GROUP OF CLAIFORNIA	759-13	05/2019
FILE NAME: 759-13-ST.DWG	**FIGURE 3**	

APPENDIX A

SITE PHOTOGRAPHS

City of Los Angeles Housing Authority Offices located at 275 W 1st Street

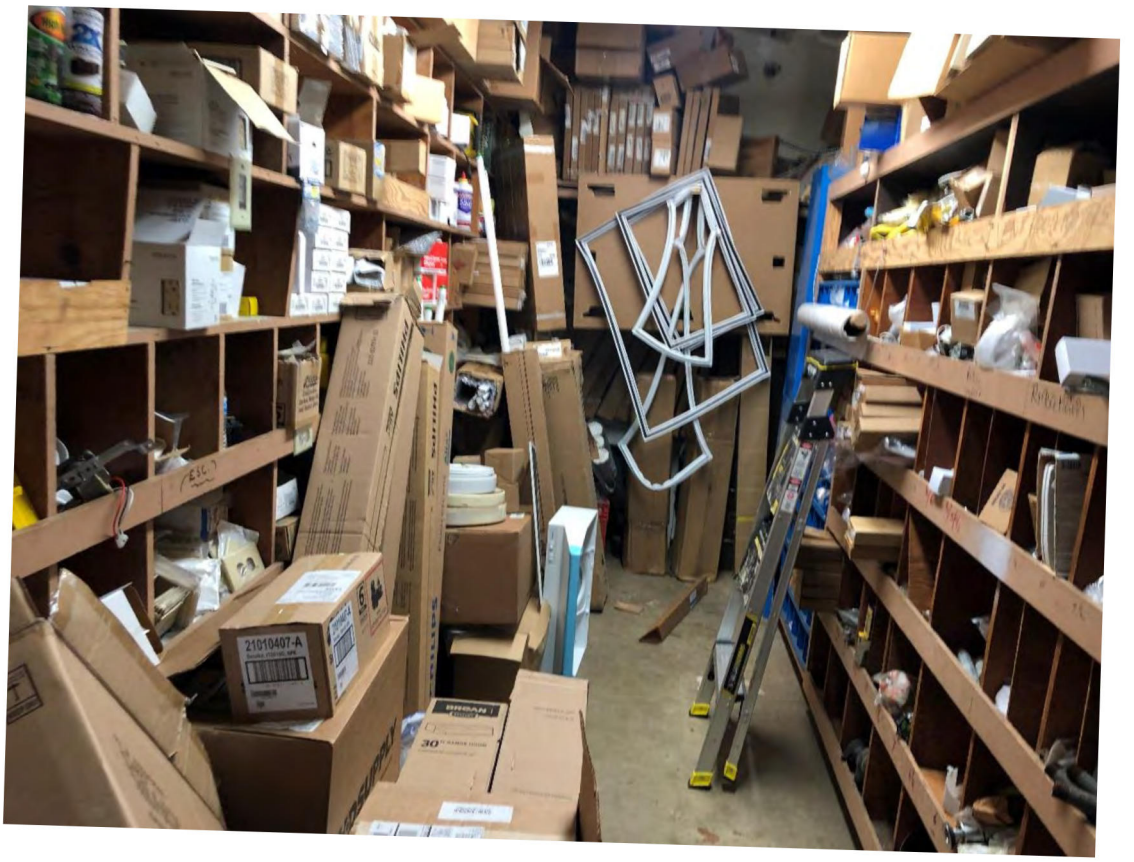
City of Los Angeles Housing Authority maintenance garage located at 275 W 1st Street

Interior of office space at 275 W 1st Street

Interior of maintenance facility at 275 W 1st Street

Interior of maintenance facility at 275 W 1st Street

Interior of maintenance facility at 275 W 1st Street



Interior of maintenance facility at 275 W 1st Street

Interior of maintenance facility at 275 W 1st Street

Used appliance storage area outside of maintenance facility at 275 W 1st Street

Equipment storage outside of maintenance facility at 275 W 1st Street

Equipment storage outside of maintenance facility at 275 W 1st Street

Hazardous materials storage Equipment storage area outside of maintenance facility at 275 W 1st Street

Hazardous materials stored on secondary containment including waste oil, old paint, paint thinner, flooring adhesives, mastic remover, and blacktop/driveway sealers

Hazardous materials stored on secondary containment including waste oil, old paint, paint thinner, flooring adhesives, mastic removers, and blacktop/driveway sealers

Door to paint storage and paint equipment storage area located at 275 W 1st Street

Interior of paint storage and paint equipment storage area located at 275 W 1st Street. Materials being stored included enamel paints, paint thinners, and degreasers

Flammable materials storage cabinets located at 275 W 1st Street

Flammable materials storage cabinets located at 275 W 1st Street included gasoline and mixed gasoline containers, paint thinners, primers, cleaners, and weed killers

Flammable materials storage cabinets located at 275 W 1st Street included gasoline and mixed gasoline containers, paint thinners, primers, cleaners, and weed killers

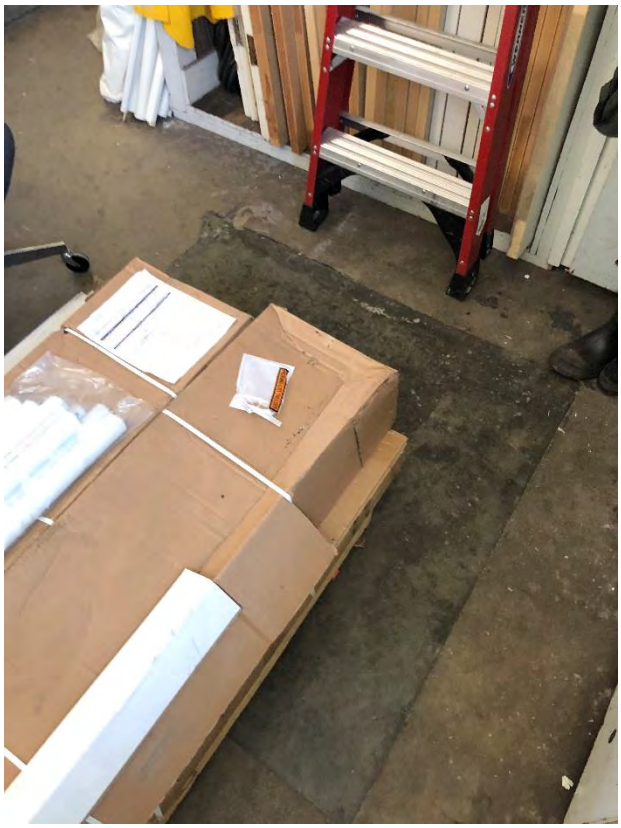
Flammable materials storage cabinets located at 275 W 1st Street included gasoline and mixed gasoline containers, paint thinners, primers, cleaners, and weed killers

Entrance to the community social hall at 275 W 1st Street

Interior of the community social hall at 275 W 1st Street

View of clarifier located outside of the maintenance facility

View of wash down area and floor drain that connects to clarifier located outside of the maintenance facility



View of concrete trench/patch that leads to clarifier located outside of the maintenance facility

Typical trash dumpster serviced by the City of Los Angeles Sanitation located throughout the Site property

Entrance to the storage yard located at the southeast corner of 2nd Street and Palos Verdes Street

Used appliance storage at the storage yard located at the southeast corner of 2nd Street and Palos Verdes Street

Stockpiled soil being stored in the storage yard at the southeast corner of 2nd Street and Palos Verdes Street

Asbestos abatement material storage container being stored at the southeast corner of 2nd Street and Palos Verdes Street

Debris, building materials and used appliances being stored at the southeast corner of 2nd Street and Palos Verdes Street

Debris, building materials and used appliances and furniture being stored at the southeast corner of 2nd Street and Palos Verdes Street

Storage containers and clean stockpiled soil being stored at the southeast corner of 2nd Street and Palos Verdes Street

Storage containers at the southeast corner of 2nd Street and Palos Verdes Street contained new appliances and building materials including paints, flooring, hot water heaters, exhaust hoods, toilets, etc.

Used paint containers stored at the southeast corner of 2nd Street and Palos Verdes Street

Manufactured / mobile offices located at 202 S. Beacon Street at the southeast corner of 2nd Street and Beacon Street

Interior view of the mobile offices located at 202 S. Beacon Street at the southeast corner of 2nd Street and Beacon Street

Typical utility closet located at one end of the residential apartment buildings

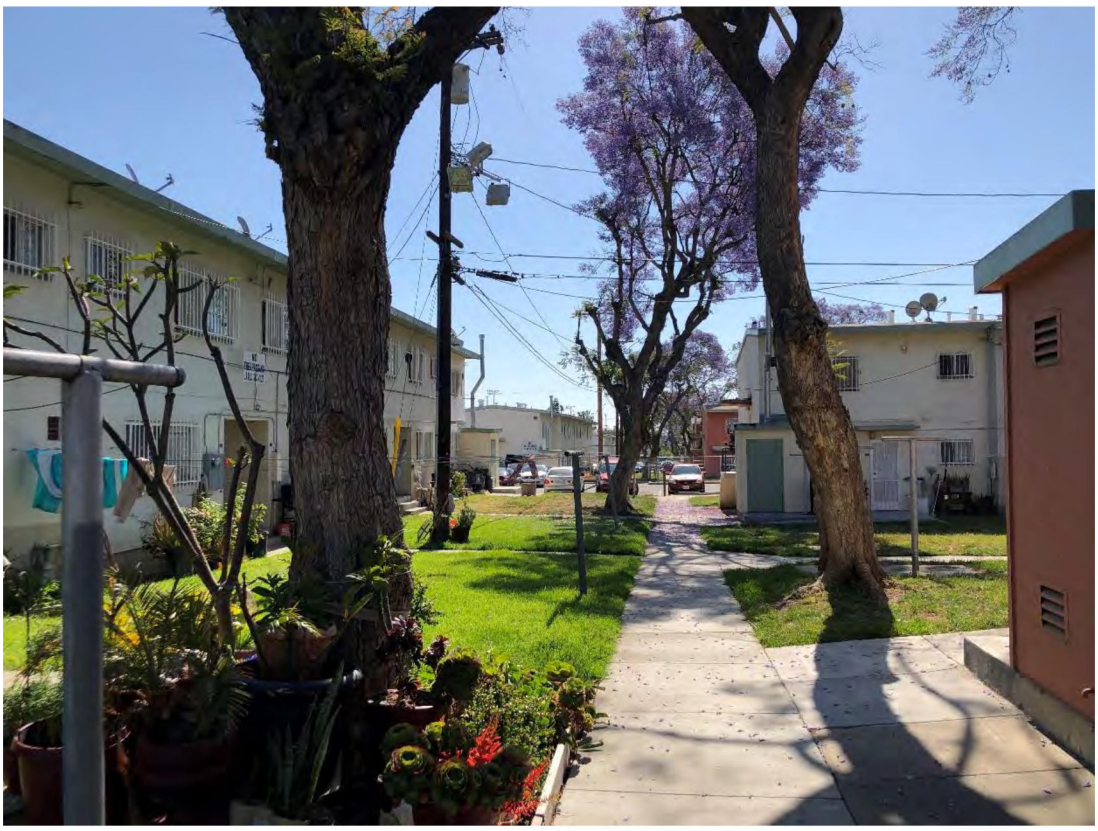
View of the inside of the typical utility closet located at the end of each residential apartment building containing one hot water heater serving the entire building

View of the inside of the typical utility closet located at the end of each residential apartment building containing the electrical meter panels for each unit in the building

View of typical exterior common areas between each apartment building block.

View of typical exterior common areas between each apartment building block.

View of typical exterior common areas between each apartment building block.



View of typical exterior common areas between each apartment building block.

View of typical front/entry side of residential apartment building located at the Site

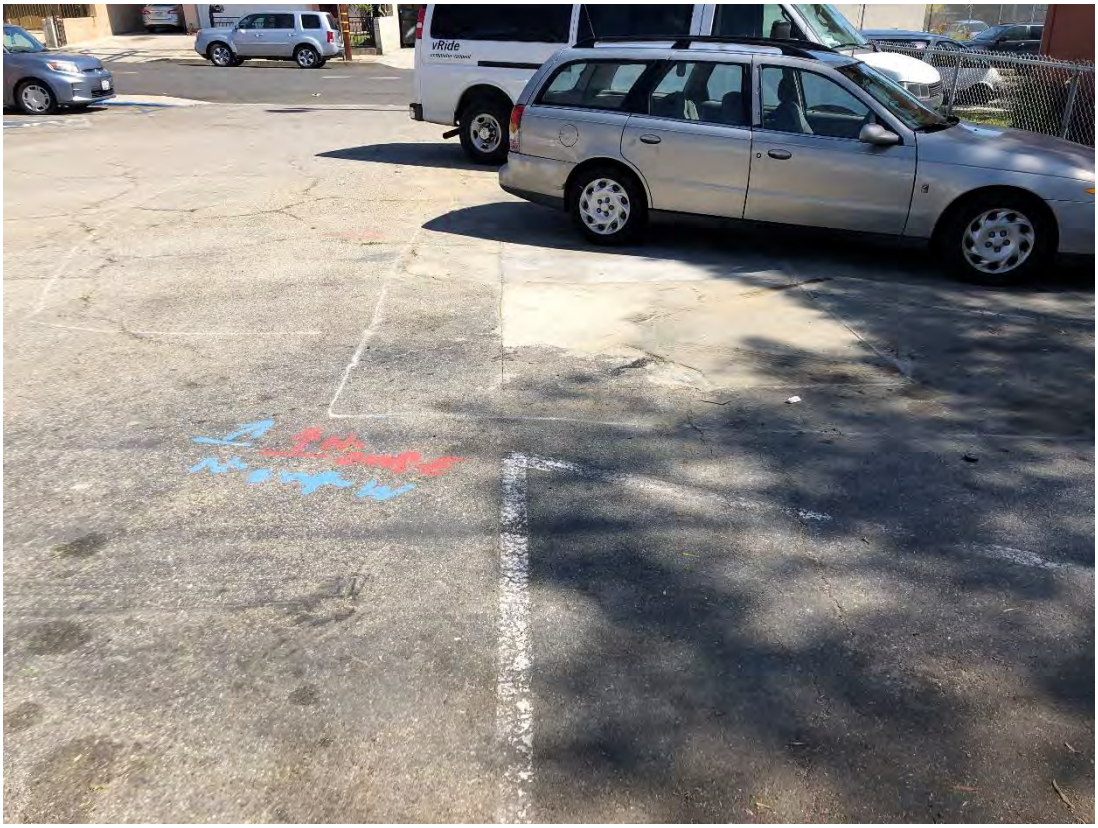
View of typical front/entry side of residential apartment building located at the Site

View of typical playground / exterior common areas between each apartment building block

View of typical parking lot located between apartment building blocks

View of typical crawl space and gas meter locations on one end of the apartment buildings

View of typical crawl space and gas meter locations on one end of the apartment buildings



View of typical parking lot area located between apartment buildings with typical light oil staining

View of typical parking lot area located between apartment buildings with typical light oil staining

View of typical overhead electrical lines and power poles located in the common areas of the apartment blocks

View of typical overhead electrical lines and power poles located in the common areas of the apartment blocks

APPENDIX B

QUESTIONNAIRE

TRANSACTION SCREEN QUESTIONNAIRE
FOR PHASE I ENVIRONMENTAL SITE ASSESSMENT

Site: Rancho San Pedro Housing Project
(One San Pedro Development)
275 W. 1st Street
San Pedro, CA
APN 033-043-001-000, 7455-017-900, 7455-027-929, 7449-017-902, 7455-027-930, 7455-027-931, 7449-017-901, 7449-017-900, 7449-018-900, 7449-018-901, 7449-018-902

How is stormwater handled CITY STORM DRAINS

Herbicide/Pesticide use (type, quantity, frequency) Round-up, Spectricide weed killer, Ortho Bug Killer

Utilities:
Septic or sewer sewer
Well or city water city
Electricity &/or gas Both
Trash / Non-Haz Waste Disposal CITY OF L.A. SANITATION
Hazardous Waste Disposal NONE

QUESTIONNAIRE

1a. Did you observe evidence or do you have any prior knowledge that the subject property is currently or has been previously used for an industrial use?	yes	no	unknown
1b. Did you observe evidence or do you have any prior knowledge that any adjoining properties is currently or has been previously used for an industrial use?	yes	no	unknown

2a. Did you observe evidence or do you have any knowledge that the subject property is currently or has previously been used for any of the following (circle all that apply): • gasoline station • motor repair facility • metal plating facility • industrial process • dry cleaners • photo developing laboratory • junkyard or landfill • waste treatment, storage, disposal, processing or recycling facility clarifier	yes	no	unknown
2b. Did you observe evidence or do you have any knowledge that any adjoining property is currently or has previously been used for any of the following (circle all that apply): • gasoline station • motor repair facility • metal plating facility • industrial process • dry cleaners • photo developing laboratory • junkyard or landfill • waste treatment, storage, disposal, processing or recycling facility	yes	no	unknown
3. Did you observe evidence or do you have any knowledge that there are currently or have been previously any damaged or discarded automotive or industrial batteries, pesticides, paints, or other chemicals in individual containers > 5 gallons (19 L) in volume or 50 gallons (190 L) in the aggregate, stored on or used at the subject property?	yes	no	unknown
4. Did you observe evidence or do you have any knowledge that there are currently or have been previously any industrial drums (typically 55 gal) or sacks of chemicals located on the subject property?	yes	no	unknown
5. Did you observe evidence or do you have any prior knowledge that fill dirt has been brought onto the subject property that originated from a contaminated site or is of unknown origin?	yes	no	unknown
6. Did you observe evidence or do you have any prior knowledge that there is currently or has been previously any pits, ponds, or lagoons located on the subject property in connection with waste treatment or waste disposal?	yes	no	unknown
7. Did you observe evidence or do you have any prior knowledge that there is currently or has been previously any stained soil on the subject property?	yes	no	unknown

8. Did you observe evidence or do you have any prior knowledge that there is currently or has been previously any registered or unregistered storage tanks (above or underground) located on the subject property?	yes	no	unknown
9. Did you observe evidence or do you have any prior knowledge that there is currently or has been previously any vent pipes, fill pipes, or access ways indicating a fill pipe protruding from the ground on the subject property or adjacent to any structure on the subject property?	yes	no	unknown
10. Is there currently evidence of leaks, spill, or staining by substances other than water, or foul odors, associated with flooring, drains, walls, ceilings, or exposed grounds on the subject property?	yes	no	unknown
11. If the subject property is served by a private well or non-public water system, is there evidence or do you have any knowledge that contaminants have been identified in the well or system, or that the well has been designated as contaminated by any government environmental / health agency?	yes	no	unknown
12. Do you have any knowledge of environmental liens or government notification relating to past or recurrent violations of environmental laws with respect to the subject property?	yes	no	unknown
13. Have you been informed of the current or past existence of hazardous substances or petroleum products with respect to the subject property?	yes	no	unknown
14. Do you have any knowledge of any environmental site assessment of the property or facility that indicated the presence of hazardous substances or petroleum products on, or contamination of, the subject property, or recommended further assessment of the subject property?	yes	no	unknown
15. Do you know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substance or petroleum products involving the subject property by any owner or occupant of the property?	yes	no	unknown
16. Does the subject property discharge waste water (not including sanitary waste or storm water) onto or adjacent to the property and/or into a storm water system?	yes	no	unknown

17. Do you have any prior knowledge that any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries, or any other waste materials have been dumped above grade, buried and/or burned on the subject property? yes **no** unknown

18. Is there a transformer, capacitor, or any hydraulic equipment for which there are any records indicating the presence of PCB's? yes no **unknown**

Please provide details relating to any questions answered "yes" in the space provided. Attach additional sheets or informative documents if necessary.

2a. We have a clarifier in use in our maintenance yard.

4. We have a motor oil drum in our maintenance yard.

10. Small oil stains from vehicles in parking lots

The undersigned represents that to the best of their knowledge the above statements and facts are true and correct and the best of his/her knowledge no material facts have been suppressed or misstated.

Signature of party completing questionnaire

FLORENCIO TAPIA
Name of party completing questionnaire

05/29/2019
Date

APPENDIX C

CITY OF LOS ANGELES RECORDS

Los Angeles City Fire Department

Telephone (213) 978-3700
Email: lafdpublicrecords@lacity.org
200 N. Main St., 17th Fl., Los Angeles, CA 90012

Request for Information
UST Records

***PLEASE COMPLETE THE REQUIRED TOP PORTION. INCOMPLETE FORMS WILL NOT BE ACCEPTED.**
(ALLOW 10 WORKING DAYS FOR PROCESSING)

Request Date: 4/24/19

Requester's Name: Deanna Hoppe Email: deannahoppe@gmail.com

Company/ Agency: FREY Environmental Inc PH.#: 909-641-4757

Address: 2817A Lafayette Ave Unit/Ste.: _____

City: Newport Beach State: CA Zip: 92663

PLEASE NOTE: YOU MUST PROVIDE A FACILITY ID # FOR ACTIVE/INACTIVE UST RECORDS.
VISIT http://www.lafd.org/public-records TO VIEW LIST OF ALL UST RECORDS.

INFORMATION IS REQUESTED FOR:

Check all that apply: ☐ **Active/Inactive UST Records** ☒ **Historical Files**

Facility I.D. No: Identified on UST historical files list
(e.g.: FA0000000)

Site Address: 275 W 1st St Unit/Ste.: _____

City: San Pedro Zip: 90731

Reason for Request: Conducting Phase I ESA

FOR OFFICE USE ONLY

☐ **NO INFORMATION ON FILE**
☐ **HARD FILE DESTROYED**
☐ **INFORMATION AVAILABLE**

Fire Prevention Report Initial Fee* x $11.00

Facility I.D. No.: _____

Request No.: _____

# of pgs. _____ x $0.10 = $_____
*Per Facility ID

Processed Date: _____

APPT. TO REVIEW FILE: _____

TOTAL: $_____

Processor Signature: _____

SAN PEDRO

Address of Building 275 West 1st Street

Permit No. and Year LA 15187 - 1949

Certificate Issued April 13, 19 50

CITY OF LOS ANGELES
DEPARTMENT OF BUILDING AND SAFETY

CERTIFICATE OF OCCUPANCY

NOTE: Any change of use or occupancy must be approved by the Department of Building and Safety.

This certifies that, so far as ascertained by or made known to the undersigned, the building at above address complies with the applicable requirements of the Municipal Code, as follows: Ch. 1, as to permitted uses; Ch. 9, Arts. 1, 3, 4, and 5; and with applicable requirements of State Housing Act,—for following occupancies:

One Story, Type III B, 14' x 16', Flammable Liquid Storage F-2 Occupancy.

OK
4-26-50

Owner Housing Authority of Los Angeles

Owner's Address 1401 East 1st Street
Los Angeles 33, California

10

Form B-95—50M—1-50 G. E. MORRIS, Superintendent of Building By D. Hightower

FIRE PERMIT

Amount of Fee: None

Permit Granted: October 22, 1942

TO EXPIRE: DECEMBER 31, 19 42

PERMISSION IS HEREBY GRANTED

TO: STANDARD OIL CO. OF CALIFORNIA to

~~CONDUCT — CONSTRUCT — ESTABLISH — INSTALL — LOCATE MAINTAIN — MANUFACTURE — OPERATE — POSSESS — PROCESS — RECONSTRUCT AND ALTER — SELL — STORE — USE — TRANSPORT~~

One 1000-gallon underground kerosene tank

at 275 West First Street, San Pedro

in accordance with terms of application on file with this Commission, and subject to provisions of the Los Angeles Municipal Code and other Ordinances of this City.

SPECIAL CONDITIONS: (Used in connection with heating)

THIS PERMIT MUST BE POSTED CONSPICUOUSLY ON THE DESIGNATED PREMISES OR EQUIPMENT.

BOARD OF FIRE COMMISSIONERS
City of Los Angeles

_____ President

_____ Secretary

NAME Standard Oil Co. of California No. 43085

DBA ADDRESS 275 W. 1st St. San Pedro Code 8-A

ON N Side of Street—between First St and Pacific St. Date 10-7-42

BOARD OF FIRE COMMISSIONERS, CITY OF LOS ANGELES:

In conformance with the Ordinances of the City of Los Angeles and under the supervision of the Chief Engineer of the Fire Department or his duly authorized representative, application is hereby made for

AN ORIGINAL PERMIT ☒ A RENEWAL OF PERMIT ☐ A TRANSFER OF PERMIT ☐ to install or maintain

APPROVED SAFETY CONTAINER ____ GRAVITY TANK ____ PORTABLE BUGGY ____ UNDERGROUND STORAGE TANK X

for the purpose of storing a Class ____ Inflammable liquid called Kerosine

in amounts and under conditions described as follows:

Type of Container	No.	Capacity	Contents	Manufacturer & Approval No.	Location of Container
	1	1000 gal.	Kerosine	Western Pipe & Steel LAFC 50241	On Property 4th & Mc. 200' from W Boundary 400' from N Boundary Located at 275 W 1st St. S.Ped.

to be used in connection with Heating

Applicant is a CORPORATION—ASSOCIATION—PARTNERSHIP—INDIVIDUAL (Indicate by placing an X above type of organization.)

Signature W D Livingston Title agent Applicant's Phone MI 2711

Mail Address 605 W. Olympic

First Inspection Date Oct 13-1947 Last Inspection Date Oct 13-1947 Inspector Richard J. Symonds

Recommendation: APPROVAL—DISAPPROVAL—CANCELLATION—Violation of Ordinance No. ____ Section ____

Remarks: Mr. Rew

Comm. 10/21/43

Chief Engineer

F115—4-42—1500 Dup.

CHECK SHEET

Height of Bldg. 1 Class of Bldg.

Open lot only ✓

Distance from other buildings 15 feet

Electric wiring & equipment OK

Separating partitions Not Needed

Metal receptacles for combustible waste OK

Housekeeping OK

Location of pit None

Condition of pit None

Vent pipes OK Fill pipes OK

Suction pipe lines OK

Return pipe lines None

Curb pipe fill lines

Type of burner

Standpipe and hose

Fireproof room

Fire doors

REMARKS

This is a supply tank and pump for kerosene to be supplied to each family in Manzanar project (1400 families)

1 gt each at a time

(Recommended safety cans for dispensing to units)

~~Blow Torches~~
~~Blowtorch Pumps~~
~~Butane or Propane~~

1 - Pump.
Bowser Cat #310 - Meter.

This group are using the portable (Perfection type heater)

LOS ANGELES DEPARTMENT OF BUILDING AND SAFETY (LADBS) BUILDING PERMIT SEARCH SUMMARY

7449-018-900
205 W Santa Cruz: 1966 New Construction; 1985 Plumbing
209 W Santa Cruz: 2016 H2O heater encloser addition to existing two-story apartment
239 W Santa Cruz: 2016 H2O heater encloser addition to existing two-story apartment
243 W Santa Cruz: 2016 H2O heater encloser addition to existing two-story apartment
245 W Santa Cruz: 2016 H2O heater encloser addition to existing two-story apartment
261 W Santa Cruz: 2016 H2O heater encloser addition to existing two-story apartment
267 W Santa Cruz: 2016 H2O heater encloser addition to existing two-story apartment
208 W 1st: 2016 H2O heater enclosure to existing apartment
236 W 1st: 2016 H2O heater encloser addition to existing two-story apartment
244 W 1st: 2012 Extend existing parking lot; 2012 &2013 Grading Permit;
268 W 1st: 2016 H2O heater enclosure to existing apartment
114 N Centre: 2016 H2O heater encloser addition to existing two-story apartment
107 N Palos Verdes: 2016 H2O heater encloser addition to existing two-story apartment
109 N Palos Verdes: 2016 H2O heater encloser addition to existing two-story apartment

7449-017-900
103-117 W Santa Cruz: 2010 Window replacement and mold and termite damage repair to multi-family residence and water damage repair to apartment; 2015 H2O heater encloser addition
117 W Santa Cruz: 2010 Window replacement and mold and termite damage repair to multi-family residence and water damage repair to apartment; 2015 H2O heater encloser addition
102 W 1st: 2015 H2O heater enclosure to existing apartment
118 N Palos Verdes: 2015 H2O heater enclosure to existing apartment
106 N Arboles: 1998 Rewire kitchen, new cabinets
119 N Beacon: 2015 H2O heater enclosure to existing apartment

7449-018-902
303-317 W 1st: (1902 through 1921 FIM shows vacant- all pre-1951 permits listed in LADBS database are for other LA city location with same street address)
303 W 1st: 1952 new construction; 1953 certificate of occupancy apartment
305 W 1st: 1953 certificate of occupancy for 2-story apartment
307 W 1st: 1953 certificate of occupancy for 2-story apartment;1986 plumbing permit
309 W 1st: 1907 Building Alter/repair; 1914 building permit; 1953 certificate of occupancy for 2-story apartment
311 W 1st: 1953 certificate of occupancy for 2-story apartment; 1993 compliance certificate for 2-story building 1996 window and wall replacement in bathroom
313 W 1st: 1953 certificate of occupancy for 2-story apartment
315 W 1st: 1953 certificate of occupancy for 2-story apartment; 1986 plumbing permit
335 W 1st: 1949 new construction permit one-story building; 1949 certificate of occupancy for one-story dwelling; 1986 plumbing permit; 1994 alter/repair one-story building
337 W 1st: 1984 range file

7449-018-902 (cont.)
339 W 1st: 1954 alter/repair one-story building
341 W 1st: 1944 alter/repair one-story building
343 W 1st: 1914 alter/repair one-story building; 1939 alter/repair 2-story building
345 W 1st: 1951 & 1952 new construction permit two-story building; 2015 H2O heater encloser addition to existing apartment
351 W 1st: 2015 H2O heater encloser addition to existing apartment
375 W 1st: 2015 H2O heater encloser addition to existing apartment
381 W 1st: 2015 H2O heater encloser addition to existing apartment
316 W 2nd: 2015 H2O heater encloser addition to existing apartment
330 W 2nd: 2015 H2O heater encloser addition to existing apartment
334 W 2nd: 2015 H2O heater encloser addition to existing apartment
350 W 2nd: 1927, 1928, & 1951 permit for one-story building; 1952 new construction two-story building; 2015 H2O heater encloser addition to existing apartment
358 W 2nd: 1915, 1946 alter/repair permit; 1987 plumbing permit; 1996 window and wall replacement in bathroom
360 W 2nd: 1984 admin approval; 1988 plumbing permit and plan maintenance; 1988 alter permit for tenant improvements on 12-story structure and plan maintenance; 1988 alteration permit for 9-story building; 1988 certificate of occupancy for medical office
362 W 2nd: 1996 window and wall replacement in bathroom for 350-364 2nd St.
364 W 2nd: 1951, 1952 new construction 2-story building; 1996 window and wall replacement in bathroom for 350-364 2nd St
370 W 2nd: 2015 H2O heater encloser addition to existing apartment
108 S Mesa: 2015 H2O heater enclosure to existing apartment
114 S Mesa: 2014 repair of residential building
109 S Centre: 1985 alteration; 2015 H2O heater enclosure to existing apartment
109-119 S Centre: 1985 alteration
113 S Centre: 1985 plumbing; 1996 alteration
115 S Centre: 1985 alteration; 1996 window and wall replacement in bathroom
117 S Centre: 1985 alteration; 1987 misc; 1996 window and wall replacement in bathroom
119 S Centre: 1956 alter/repair (??); 1985 alteration; 1996 window and wall replacement in bathroom

7449-018-901
201-215 W Santa Cruz: 2002 replace windows and install security bars and obtain CRA clearance for LA Housing Authority
261-275 W Santa Cruz: 2002 replace windows and install security bars
200-214 W 1st: 2002 replace windows and install security bars and obtain CRA clearance for LA Housing Authority
201-215 W 1st: 2002 replace windows and install security bars and obtain CRA clearance for LA Housing Authority
211 W 1st: 2016 H2O heater encloser addition to existing apartment
213-245 W 1st: 2002 replace windows and install security bars and obtain CRA clearance for LA Housing Authority

7449-018-901 (cont.)
215 W 1st: 2016 H2O heater encloser addition to existing apartment W 1st: 2002 replace windows and install security bars and obtain CRA clearance for LA Housing Authority; 2012 new construction of trash enclosure and retaining wall
231-245 W 1st: 2003 replace windows and install security bars
233 W 1st: 2016 H2O heater encloser addition to existing apartment
241 W 1st: 2016 H2O heater encloser addition to existing apartment
244 W 1st: 2002 replace windows and install security bars and obtain CRA clearance for LA Housing Authority; 2012 grading and new construction of trash enclosure and retaining wall
245 W 1st: 2016 H2O heater encloser addition to existing apartment
260-274 W 1st: 2002 replace windows and install security bars
275 W 1st: 1942 building permit and alter permit one-story building; 1949 new construction one-story building; **1950 certificate of occupancy flammable liquid storage**; 1951 alter/repair permit one-story building; 1953 soil grading and certificate of occupancy to existing admin building; 1964 city planning with approval for construction of combination storage and garage south of 1st east of Centre St; 1979 alteration permit; 1981, 1982 BAAB board file; 1985 plumbing permit; 1986 & 1987 numerous electrical permits; 1986 & 1990 numerous plumbing permits
102-116 W 2nd: 2002 replace windows and install security bars and obtain
200-214 W 2nd: 2002 replace windows and install security bars and obtain CRA clearance for LA Housing Authority
201-203 W 2nd: 2003 replace windows and install security bars
205-215 W 2nd: 2003 replace windows and install security bars
210 W 2nd: 2016 H2O heater encloser addition to existing apartment
230-244 W 2nd: 2003 replace windows and install security bars
234 W 2nd: 2016 H2O heater encloser addition to existing apartment
244 W 2nd: 2012 remove parking, grading and new construction of trash enclosure and retaining wall
102-120 W 3rd: 2002 replace windows and install security bars and obtain CRA clearance for LA Housing Authority
200-214 W 3rd: 2003 replace windows and install security bars
100 N Centre: 2002 replace windows and install security bars
106-120 N Centre: 2002 replace windows and install security bars and obtain CRA clearance for LA Housing Authority
100-128 S Armona: 2003 replace windows and install security bars
100-129 N Armona: 2002 replace windows and install security bars and obtain CRA clearance for LA Housing Authority
101 N Armona: 2002 replace windows and install security bars
106-122 N Armona: 2002 replace windows and install security bars and obtain CRA clearance for LA Housing Authority
100-122 N & S Arboles: 2002 replace windows and install security bars and obtain CRA clearance for LA Housing Authority
101-117 S Arboles: 2003 replace windows and install security bars
101-123 N Arboles: 2002 replace windows and install security bars and obtain CRA clearance for LA Housing Authority

7449-018-901 (cont.)
128-129 N Arboles: 2002 replace windows and install security bars and obtain CRA clearance for LA Housing Authority
129 S Arboles: 2002 replace windows and install security bars
200-222 Arboles: 2003 replace windows and install security bars
101 N Palos Verdes: 2002 replace windows and install security bars and obtain CRA clearance for LA Housing Authority
107 S Palos Verdes: 1997 repair permit for fire damage; 2002 replace windows and install security bars and obtain CRA clearance for LA Housing Authority; 2016 H2O heater encloser addition to existing apartment
107-129 N Palos Verdes: 2002 replace windows and install security bars and obtain CRA clearance for LA Housing Authority
107-129 S Palos Verdes: 1997 repair permit for fire damage; 2002 replace windows and install security bars and obtain CRA clearance for LA Housing Authority; 2016 H2O heater encloser addition to existing apartment
201 S Palos Verdes: 2003 replace windows and install security bars
207-229 S Palos Verdes: 2003 replace windows and install security bars
205-219 S Beacon: 2002 replace windows and install security bars

7449-017-901
105 W 1st: 2014 permit to replace bathroom door
117 W 1st: 2015 H2O heater encloser addition to existing apartment
108 W 2nd: 2014 & 2015 bathroom remodel for residence; 2017 add bathroom on mezzanine level; 2018 certificate of occupancy for additional bathroom
116 W 2nd: 2015 H2O heater encloser addition to existing apartment
108 S Palos Verdes: 2015 H2O heater encloser addition to existing apartment
107 S Beacon: 2015 H2O heater encloser addition to existing apartment

7449-017-902
128 S Beacon: 1951 & 1952 new construction of 2-story building; 2015 H2O heater encloser addition to existing apartment
117 S Harbor: 2009 window and door change out on residential building
117-129 Harbor: 2002 repair/alter guard rail, flower boxes and canopies on exterior; 2009 window and door change out on residential building; 2015 H2O heater encloser addition to existing apartment
129 S Harbor: 2015 H2O heater encloser addition to existing apartment

7455-017-900
201-215 W 2nd: 2012 grading and construction of trash enclosure, retaining wall, and additional parking; 2016 H2O heater encloser addition to existing apartment
211 W 2nd: 2012 grading and construction of trash enclosure, retaining wall, and additional parking; 2016 H2O heater encloser addition to existing apartment
231 W 2nd: 2016 H2O heater encloser addition to existing apartment
245 W 2nd: 2016 H2O heater encloser addition to existing apartment
263 W 2nd: 2016 H2O heater encloser addition to existing apartment
214 W 3rd: 2016 H2O heater encloser addition to existing apartment
236 W 3rd: 2016 H2O heater encloser addition to existing apartment
244 W 3rd: 2016 H2O heater encloser addition to existing apartment
260 W 3rd: 2016 H2O heater encloser addition to existing apartment
264 W 3rd: 2016 H2O heater encloser addition to existing apartment
286 W 3rd: 1933 and 1934 permits for alter/repair, and new constructions associated with a dwelling; 1941 building relocation permit
216 S Centre: 2016 H2O heater encloser addition to existing apartment
211 S Palos Verdes: 2016 H2O heater encloser addition to existing apartment
217 S Palos Verdes: 2016 H2O heater encloser addition to existing apartment

7455-027-931
None

7455-027-930
102 W 3rd: 2015 H2O heater encloser addition to existing apartment
205 S Beacon: 1951 & 1952 new construction of 2-story building; 1953 certificate of occupancy for apartment; 1995 permit for window replace and bathroom remodel and plan maintenance for 205-219 S Beacon; 2015 H2O heater encloser addition to existing apartment
205-219 S Beacon: 1951 & 1952 new construction of 2-story building; 1953 certificate of occupancy for apartment; 1955 new 2-story building permit; 1985 alteration permit; 1995 permit for window replace and bathroom remodel; 2015 H2O heater encloser addition to existing apartment
207 S Beacon: 1953 certificate of occupancy for apartment; 1995 permit for window replace and bathroom remodel
209 S Beacon: 1953 certificate of occupancy for apartment; 1985 alteration permit; 1995 permit for window replace and bathroom remodel
211 S Beacon: 1953 certificate of occupancy for apartment; 1985 alteration permit; 1995 permit for window replace and bathroom remodel
213 S Beacon: 1953 certificate of occupancy for apartment; 1985 alteration permit; 1995 permit for window replace and bathroom remodel
215 S Beacon: 1953 certificate of occupancy for apartment; 1985 alteration permit; 1995 permit for window replace and bathroom remodel
217 S Beacon: 1953 certificate of occupancy for apartment; 1955 new 2-story building permit; 1985 alteration permit; 1995 permit for window replace and bathroom remodel
219 S Beacon: 1951 new construction of 2-story building; 1953 certificate of occupancy for apartment; 1995 permit for window replace and bathroom remodel

7455-027-929
202 N Beacon: 2014 demolition of apartment recreation room
210 S Beacon: 1951 & 1952 new construction of 2-story building; 1953 certificate of occupancy for apartment; 1985 alter permit 210-226 S Beacon; 1995 permit for window replace and bathroom remodel; 2015 H2O heater encloser addition to existing apartment
210-226 S Beacon: 1951 & 1952 new construction of 2-story building; 1953 certificate of occupancy for apartment; 1985 alter permit 210-226 S Beacon; 1995 permit for window replace and bathroom remodel; 2015 H2O heater encloser addition to existing apartment
209 S Harbor: 2002 repair/alter guard rail, flower boxes and canopies on exterior; 2015 H2O heater encloser addition to existing apartment
209-225 S Harbor: 2002 repair/alter guard rail, flower boxes and canopies on exterior; 2015 H2O heater encloser addition to existing apartment
211 S Harbor: 2002 repair/alter guard rail, flower boxes and canopies on exterior
213 S Harbor: 2002 repair/alter guard rail, flower boxes and canopies on exterior
215 S Harbor: 2002 repair/alter guard rail, flower boxes and canopies on exterior
217 S Harbor: 2002 repair/alter guard rail, flower boxes and canopies on exterior
219 S Harbor: 2002 repair/alter guard rail, flower boxes and canopies on exterior
221 S Harbor: 2002 repair/alter guard rail, flower boxes and canopies on exterior
223 S Harbor: 2002 repair/alter guard rail, flower boxes and canopies on exterior
225 S Harbor: 2002 repair/alter guard rail, flower boxes and canopies on exterior

APPENDIX D

COUNTY OF LOS ANGELES RECORDS

BARBARA FERRER, Ph.D., M.P.H., M.Ed.
Director

MUNTU DAVIS, M.D., M.P.H.
Health Officer

CYNTHIA A. HARDING, M.P.H.
Chief Deputy Director

JEFFREY D. GUNZENHAUSER, M.D., M.P.H.
Director, Disease Control Bureau

SEIRA KURIAN, M.D., M.P.H.
Deputy Medical Director and Director, Division of Medical and Dental Affairs

LEOLA MERCADEL
Director, Public Health Investigation Administration
5555 Ferguson Drive, Suite 120-04
Commerce, CA 90022
TEL (323) 914-7801 ● FAX (323) 728-0217

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Janice Hahn
Fourth District

Kathryn Barger
Fifth District

May 03, 2019

Deanna Hoppe
Deanna Hoppe

,

SUBJECT: Request for APNs: 7449-017-900, 7449-017-901, 7449-017-902, 7449-018-900, 7449-018-901 and 7449-018-902

I, the undersigned, being the Custodian of Records, certify that a thorough search of our files, carried out under my direction and control, revealed no records as named in your request for records.

It is to be understood that this does not mean that records do not exist under another spelling, another name, or under another classification, but that with the information furnished our office, and to the best of our knowledge, no such records exist in our files.

Sincerely,

Yvonne Curtis

Yvonne Curtis, Deputy Health Officer
Public Health Investigation

COR ID No. 191117

BARBARA FERRER, Ph.D., M.P.H., M.Ed.
Director

MUNTU DAVIS, M.D., M.P.H.
Health Officer

CYNTHIA A. HARDING, M.P.H.
Chief Deputy Director

JEFFREY D. GUNZENHAUSER, M.D., M.P.H.
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Deputy Medical Director and Director, Division of Medical and Dental Affairs

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Janice Hahn
Fourth District

Kathryn Barger
Fifth District

May 03, 2019

Deanna Hoppe
Deanna Hoppe

,

SUBJECT: Request for APNs: 7455-01-900, 7455-027-929, 7455-027-930 and 7455-027-931

I, the undersigned, being the Custodian of Records, certify that a thorough search of our files, carried out under my direction and control, revealed no records as named in your request for records.

It is to be understood that this does not mean that records do not exist under another spelling, another name, or under another classification, but that with the information furnished our office, and to the best of our knowledge, no such records exist in our files.

Sincerely,

Yvonne Curtis

Yvonne Curtis, Deputy Health Officer
Public Health Investigation

COR ID No. 191115

Request - NO Records
Revised 3/15/13

BARBARA FERRER, Ph.D., M.P.H., M.Ed.
Director

MUNTU DAVIS, M.D., M.P.H.
Health Officer

CYNTHIA A. HARDING, M.P.H.
Chief Deputy Director

JEFFREY D. GUNZENHAUSER, M.D., M.P.H.
Director, Disease Control Bureau

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Deputy Medical Director and Director, Division of Medical and Dental Affairs

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Kathryn Barger
Fifth District

May 03, 2019

Deanna Hoppe
Deanna Hoppe

,

SUBJECT: Request- 103-275 W. Santa Cruz St (Odds), San Pedro, CA

I, the undersigned, being the Custodian of Records, certify that a thorough search of our files, carried out under my direction and control, revealed no records as named in your request for records.

It is to be understood that this does not mean that records do not exist under another spelling, another name, or under another classification, but that with the information furnished our office, and to the best of our knowledge, no such records exist in our files.

Sincerely,

Yvonne Curtis

Yvonne Curtis, Deputy Health Officer
Public Health Investigation

COR ID No. 191118

Request - NO Records
Revised 3/15/13

BARBARA FERRER, Ph.D., M.P.H., M.Ed.
Director

MUNTU DAVIS, M.D., M.P.H.
Health Officer

CYNTHIA A. HARDING, M.P.H.
Chief Deputy Director

JEFFREY D. GUNZENHAUSER, M.D., M.P.H.
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Deputy Medical Director and Director, Division of Medical and Dental Affairs

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Fourth District

Kathryn Barger
Fifth District

May 03, 2019

Deanna Hoppe
Deanna Hoppe

,

SUBJECT: Request- 108-118 S. Mesa St (Evens)

I, the undersigned, being the Custodian of Records, certify that a thorough search of our files, carried out under my direction and control, revealed no records as named in your request for records.

It is to be understood that this does not mean that records do not exist under another spelling, another name, or under another classification, but that with the information furnished our office, and to the best of our knowledge, no such records exist in our files.

Sincerely,

Yvonne Curtis

Yvonne Curtis, Deputy Health Officer
Public Health Investigation

COR ID No. 191120

Request - NO Records
Revised 3/15/13

BARBARA FERRER, Ph.D., M.P.H., M.Ed.
Director

MUNTU DAVIS, M.D., M.P.H.
Health Officer

CYNTHIA A. HARDING, M.P.H.
Chief Deputy Director

JEFFREY D. GUNZENHAUSER, M.D., M.P.H.
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Deputy Medical Director and Director, Division of Medical and Dental Affairs

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Fourth District

Kathryn Barger
Fifth District

May 03, 2019

Deanna Hoppe
Deanna Hoppe

,

SUBJECT: Request- 100-129 N. Arboles Ct and 100-229 S. Arboles Ct

I, the undersigned, being the Custodian of Records, certify that a thorough search of our files, carried out under my direction and control, revealed no records as named in your request for records.

It is to be understood that this does not mean that records do not exist under another spelling, another name, or under another classification, but that with the information furnished our office, and to the best of our knowledge, no such records exist in our files.

Sincerely,

Yvonne Curtis

Yvonne Curtis, Deputy Health Officer
Public Health Investigation

COR ID No. 191122

Request - NO Records
Revised 3/15/13

BARBARA FERRER, Ph.D., M.P.H., M.Ed.
Director

MUNTU DAVIS, M.D., M.P.H.
Health Officer

CYNTHIA A. HARDING, M.P.H.
Chief Deputy Director

JEFFREY D. GUNZENHAUSER, M.D., M.P.H.
Director, Disease Control Bureau

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Deputy Medical Director and Director, Division of Medical and Dental Affairs

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Janice Hahn
Fourth District

Kathryn Barger
Fifth District

May 03, 2019

Deanna Hoppe
Deanna Hoppe

,

SUBJECT: Request- 100-129 N. Palos Verdes St and 100-229 S. Palos Verdes St

I, the undersigned, being the Custodian of Records, certify that a thorough search of our files, carried out under my direction and control, revealed no records as named in your request for records.

It is to be understood that this does not mean that records do not exist under another spelling, another name, or under another classification, but that with the information furnished our office, and to the best of our knowledge, no such records exist in our files.

Sincerely,

Yvonne Curtis

Yvonne Curtis, Deputy Health Officer
Public Health Investigation

COR ID No. 191124

Request - NO Records
Revised 3/15/13

COUNTY OF LOS ANGELES
Public Health

LOS ANGELES COUNTY HEALTH AGENCY

BARBARA FERRER, Ph.D., M.P.H., M.Ed.
Director

MUNTU DAVIS, M.D., M.P.H.
Health Officer

CYNTHIA A. HARDING, M.P.H.
Chief Deputy Director

JEFFREY D. GUNZENHAUSER, M.D., M.P.H.
Director, Disease Control Bureau

SEIRA KURIAN, M.D., M.P.H.
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Kathryn Barger
Fifth District

May 20, 2019

Deanna Hoppe

SUBJECT:

100-129(ALL) N. Armona Ct. San Pedro CA 90731
100-129(ALL) S. Armona Ct. San Pedro CA 90731
201-275(odd) W. 2nd St. San Pedro CA 90731
102-384(even) W. 2nd St. San Pedro CA 90731
117-225(odd) S. Harbor Blvd. San Pedro CA 90731

I, the undersigned, being the Custodian of Records, certify that a thorough search of our files, carried out under my direction and control, revealed no records for water wells as named in your request for records.

It is to be understood that this does not mean that records do not exist under another spelling, another name, or under another classification, but that with the information furnished our office, and to the best of our knowledge, no such records exist in our files.

Sincerely,

JORGE PEREZ, Deputy Health Officer
Public Health Investigation

COR ID No. 191127

Request - NO Records
Revised 3/15/13

BARBARA FERRER, Ph.D., M.P.H., M.Ed.
Director

MUNTU DAVIS, M.D., M.P.H.
Health Officer

CYNTHIA A. HARDING, M.P.H.
Chief Deputy Director

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Third District

Janice Hahn
Fourth District

Kathryn Barger
Fifth District

May 03, 2019

Deanna Hoppe
Deanna Hoppe

,

SUBJECT: Request- 102-274 W. 3rd Street (Evens)

I, the undersigned, being the Custodian of Records, certify that a thorough search of our files, carried out under my direction and control, revealed no records as named in your request for records.

It is to be understood that this does not mean that records do not exist under another spelling, another name, or under another classification, but that with the information furnished our office, and to the best of our knowledge, no such records exist in our files.

Sincerely,

Yvonne Curtis

Yvonne Curtis, Deputy Health Officer
Public Health Investigation

COR ID No. 191119

Request - NO Records
Revised 3/15/13

PUBLIC RECORDS REQUEST FORM

ATTENTION REQUESTOR: To fulfill your request for records, please fill out this form completely, and identify specifically the type of records you are requesting. Requests must reasonably describe identifiable records prepared, owned, used, or retained by the Sanitation Districts.

REQUESTOR INFORMATION

Name: Deanna Hoppe	Date: 4/24/2019
Company: FREY Environmental Inc	
Mailing Address: 2817 - A Lafyette Ave.	
City: Newport Beach State: CA	Zip Code: 92663
Phone Number: 909 641 4757	Fax Number (optional): 949 723 1854
Email Address (recommended): deannahoppe@gmail.com	

REQUESTED RECORDS

Please clearly describe each requested record or document
*(use additional copies of this form, as necessary)**

Conducting Phase I ESA at Property in San Pedro, 90731, Shown on attached map w/addresses and APNs. looking for any documents indicating the presence of hazardous materials.

Time Period of Document Requested From: All To:

NO RECORD FOUND

Time Period of Document Requested From: To:

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UNIT AND HOUSE NUMBERING MAP

FOR

RANCHO SAN PEDRO CAL. 4-4

AND RANCHO SAN PEDRO EXTENSION CAL. 4-17

HOUSING AUTHORITY OF THE CITY OF LOS ANGELES, CALIFORNIA

JANUARY 1972

NORTH

0 50 100 150 200

FEET

LEGEND

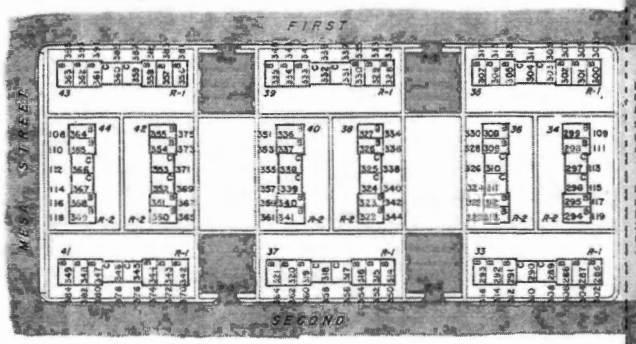
STREET ADDRESS

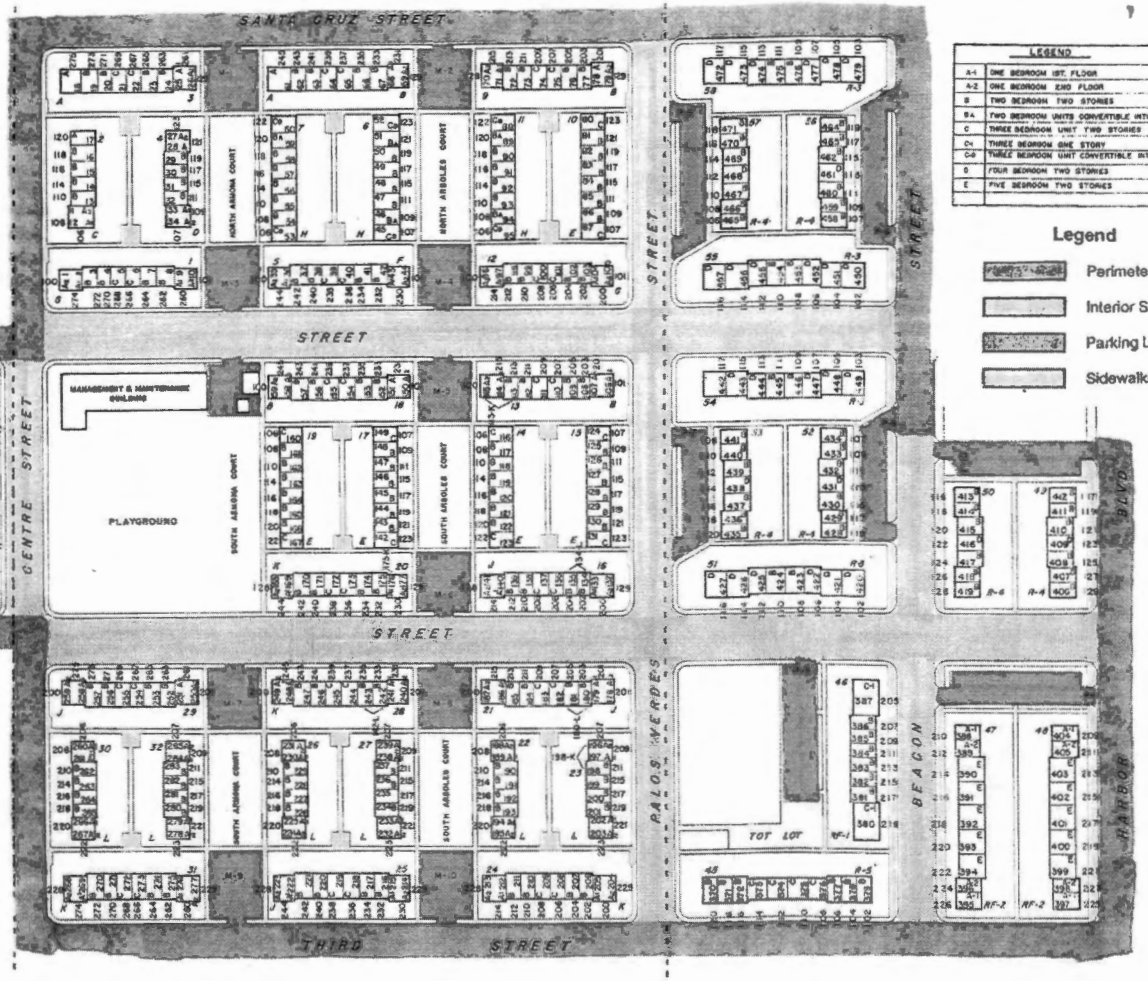
UNIT NUMBER & TYPE

BLDG. NUMBER

BLDG TYPE

P-S & M-S PARKING AREAS





LEGEND	
A-1	ONE BEDROOM 1ST. FLOOR
A-2	ONE BEDROOM 2ND FLOOR
B	TWO BEDROOM TWO STORIES
B-A	TWO BEDROOM UNITS CONVERTIBLE INTO ONE BEDROOM
C	THREE BEDROOM UNIT TWO STORIES
C-1	THREE BEDROOM ONE STORY
C-2	THREE BEDROOM UNIT CONVERTIBLE INTO FOUR BEDROOM
D	FOUR BEDROOM TWO STORIES
E	FIVE BEDROOM TWO STORIES

Legend

- Perimeter Streets
- Interior Streets
- Parking Lots
- Sidewalks

RANCHO SAN PEDRO CAL 4-4

SCHEDULE OF DWELLING UNITS

TYPE OF BLDG.	NUMBER OF BLDG.	UNITS PER BLDG.	NUMBER OF DWELLING UNITS						TOTALS DWELLING UNITS	TOTALS ROOMS
A	3	3	6	9			4		19	72
B	1	16	13	4+12			1		30	127
C	1	7	3	4					7	33
D	1	9	4	4					8	39
E	3	5		15(B&B)			10		40	175
F	1	10	4	8+2			3		15	73
G	1	10	4	6+4			4		20	92
H	3	8		18	6		6		24	100
I	1	10	10	6+4			4		20	117
K	4	10	20	20(B&B)			10		40	198
L	6	6	24	24					48	198
M										
TOTALS	32		93	135	6	48			252	1153

RANCHO SAN PEDRO EXTENSION CAL 4-17

SCHEDULE OF DWELLING UNITS

TYPE OF BLDG.	NUMBER OF BLDG.	UNITS PER BLDG.	NUMBER OF DWELLING UNITS						TOTALS DWELLING UNITS	TOTALS ROOMS
A-1	2	2		2+2					4	20
A-2	3	6		3+3					6	27
B-3	4	8		8	1	3+4			16	122
B-4	3	7		14		4			18	101
B-A		18		3	4				10	43
B-P1	1	9		6	3				9	33
B-P2	1	9	2					16	18	102
TOTALS	14		8	16	10	10		16	104	540

404 – 417

Property APNs

1.	7455-017-900	6.	7449-017-901
2.	7455-027-929	7.	7449-017-900
3.	7449-017-902	8.	7449-018-900
4.	7455-027-930	9.	7449-018-901
5.	7455-027-931	10.	7449-018-902

Addresses:

103-275 (odd) W. Santa Cruz St.
103-385 (odd) W. 1st St.
102-274 (even) W. 1st St.
201-275 (odd) W. 2nd St.
102-384 (even) W. 2nd St.
102-274 (even) W. 3rd St.

108-118 (even) S. Mesa St.
100-120 (even) N. Centre St.
200-228 (even) S. Centre St.
100-129 (ALL) N. Armona Ct.
100-229 (ALL) S. Armona Ct.
100-129 (all) N. Arboles Ct.
100-229 (ALL) S. Arboles Ct.
100-129 (ALL) N. Palos Verdes St.
100-229 (ALL) S. Palos Verdes. St.
107-119 (odd) N. Beacon St.
107-226 (ALL) S. Beacon St.
117-225 (odd) S. Harbor Blvd.

STREET SURVEY

PROJECT: 4-04 / 4-17 Rancho San Pedro / Extension

PUBLIC STREETS

Streets	Length	Width	Total Area	Comments
Santa Cruz Street	950.0 ft.	60.0 ft.	57,000.0 sq. ft.	Project perimeter street
First Street	1,110.0 ft.	50.0 ft.	55,500.0 sq. ft.	Project perimeter and interior street
Second Street	1,825.0 ft.	50.0 ft.	91,250.0 sq. ft.	Project perimeter and interior street
Third Street	1,165.0 ft.	60.0 ft.	69,900.0 sq. ft.	Project perimeter street
Mesa Street	330.0 ft.	40.0 ft.	13,200.0 sq. ft.	Project perimeter street
Centre Street	845.0 ft.	40.0 ft.	33,800.0 sq. ft.	Project perimeter and interior street
Palos Verdes Street	845.0 ft.	40.0 ft.	33,800.0 sq. ft.	Interior street
Harbor Boulevard	460.0 ft.	60.0 ft.	27,600.0 sq. ft.	Project perimeter street
Beacon Street	750.0 ft.	40.0 ft.	30,000.0 sq. ft.	Project perimeter and interior street
Totals	8,280.0 ft.		412,050.0 sq. ft.	1.568 Lineal Miles

Den Hartog, Jeanine

From: Deanna Hoppe <deannahoppe@gmail.com>
Sent: Wednesday, April 24, 2019 11:55 AM
To: Records_Administrator
Subject: Records Request - San Pedro Phase I ESA
Attachments: LACSD.pdf

Hello,

We are conducting a Phase I ESA for a City of Los Angeles Housing Authority property and would like to request a record search. I have attached a records request form with map and list of addresses on the property as well as APNs.

Thank you for your time and assistance!

Deanna Hoppe
Senior Staff Geologist

FREY Environmental, Inc.
www.freyinc.com
2817-A Lafayette Avenue
Newport Beach, CA 92663

phone: (949) 723-1645
cell: (909) 641-4757

APPENDIX E

ERIS REPORTS

(Physical Settings Report, Fire Insurance Maps, Topographic Maps,
Historical Aerials, City Directory,
Database Report, and Environmental Lien Search)

PHASE II ENVIRONMENTAL SITE ASSESSMENT

ONE SAN PEDRO DEVELOPMENT LOS ANGELES, CALIFORNIA

Prepared For:

The Richman Group of California Development Company, LLC
420 31st Street, Suite B1
Newport Beach, California 92663

Prepared By:

FREY Environmental, Inc.
2817A Lafayette Avenue
Newport Beach, CA 92663-3715
(949) 723-1645
freyinc@freyinc.com

Project Number: 759-13

January 28, 2020

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1.0 INTRODUCTION

This report documents and presents the results of a soil and soil vapor investigation conducted by FREY Environmental, Inc. (FREY), on behalf of the Richman Group of California Development Company, LLC (Richman), at the Rancho San Pedro Housing Development in San Pedro, Los Angeles, California (Site)(Figure 1). This work was conducted to evaluate recognized environmental conditions (RECs) identified in a Phase I environmental site assessment (Phase I ESA) prepared by FREY Environmental, Inc. (FREY, 2019).

2.0 SITE CONDITIONS

2.1 SITE DESCRIPTION

The Site consists of 21.2 acres of land identified by the following ten (10) assessor parcel numbers (APNs):

7449-017-900	7455-017-900
7449-017-901	7449-017-902
7449-018-900	7455-027-929
7449-018-901	7455-027-930
7449-018-902	7455-027-931

Additional Site identifiers include the following addresses:

103-275 (odd) W. Santa Cruz Street	100-129 (all) N. Armona Court
103-385 (odd) W. 1st Street	100-229 (all) S. Armona Court
102-274 (even) W. 1st Street	100-129 (all) N. Arboles Court
201-275 (odd) W. 2nd Street	100-229 (all) S. Arboles Court.
102-384 (even) W. 2nd Street	100-129 (all) N. Palos Verdes Street
102-274 (even) W. 3rd Street	100-229 (all) S. Palos Verdes. Street
108-118 (even) S. Mesa Street	107-119 (odd) N. Beacon Street
100-120 (even) N. Centre Street	107-226 (all) S. Beacon Street
200-228 (even) S. Centre Street	117-225 (odd) S. Harbor Boulevard

A Site location map, Site Vicinity Sketch, and Site Sketch are presented and shown as Figures 1, 2 and 3, respectively.

Residential apartment buildings occupy a majority of the Site with a Los Angeles Housing Authority (LAHA) management office and maintenance facility located at 275 W 1st Street, a LAHA storage lot occupied by multiple storage containers located at the southeast corner of 2nd street and Palos Verdes Street and an additional LAHA mobile office located at the southeast corner of 2nd Street and Beacon Street. The remaining portions of the Site are generally occupied by lawns, playgrounds, parking lots, and a community garden.

2.2 REGIONAL GEOLOGY

The Site is located approximately 1.5 miles east of the Palos Verdes Hills and approximately 600 feet west of the main channel of the Los Angeles Harbor, and is located within the West Coast Subbasin of the Coastal Plain of Los Angeles (DWR, 2004).

Quaternary alluvium and marine deposits are the primary lithologies in the vicinity of the Site (FREY, 2019). Lithologies in borings drilled to depths of approximately 60 feet below ground surface (bgs) are reported to consist mainly of clays, silts, siltstone, and claystone at five (5) GeoTracker facilities located on Gaffey Street at distances ranging from approximately 2,600 feet to 3,200 feet west from the Site (SWRCB, 2019).

2.3 REGIONAL HYDROGEOLOGY

A review of groundwater depths on the State Water Resources Control Board (SWRCB) Geotracker and GAMA websites indicates the median depth to groundwater in twelve wells located within a one-mile radius of the Site is reported to range from approximately 8 to 42 feet bgs. Shallow depths were typically reported in wells closer to the harbor (lower elevation) and deeper depths were reported for wells located further west from the harbor (higher elevation). Groundwater flow is estimated to be generally to the east in the Site vicinity based on information from five (5) GeoTracker facilities located on Gaffey Street at distances ranging from approximately 2,600 feet to 3,200 feet west of the Site (SWRCB, 2019).

The closest surface body of water to the Site is the Los Angeles Harbor located approximately 620 feet east of the Site (ERIS, 2019). No public groundwater supply wells are shown to be located within a one-mile radius of the Site (SWRCB, 2019).

3.0 BACKGROUND

The Site was first developed prior to 1888 primarily as single-family homes. Non-residential use of the Site referred to as the "Edison Electric Co. Gas Plant" (247 and/or 253 West Santa Cruz Street) and as "Sheet Metal Works" (286 West 3rd Street) in 1908 and 1921, respectively, is noted in historical fire insurance maps.

Major redevelopment of the Site began in 1942 with a first phase of construction that included 284 units on 12.5 acres for Defense Department industry workers that was later converted to public housing in 1952. In 1952, a second phase of redevelopment was conducted that included the construction of 194 units on 8.7 acres. Since that time, the Site has remained relatively unchanged.

During the Site inspection conducted as part of the Phase I ESA in May 2019, several containers of 5-gallons or less of gasoline, paint, paint thinners, new oil, used oil, pesticides and herbicides that were being stored in labelled cabinets or on secondary containment pallets were observed at the maintenance facility. One 55-gallon drum of used oil was observed on a secondary containment pallet located in the maintenance facility yard.

A clarifier was observed on the north side of the maintenance facility with a 4-foot by 4-foot wash down area and drain located to the east of the clarifier. This wash down area appeared to be used for cleaning/washing small tools and equipment. Saw cuts and concrete patches that lead to the clarifier area in the maintenance facility also appear to be associated with the clarifier and appear to be a former floor drain and/or wash down area.

Six shipping containers were being used for storage sheds on the property located at the southeast corner of 2nd street and Palos Verdes Street. The shipping containers were used for storage of new appliances (stoves, refrigerators, hot water heaters, etc.), building materials and paints.

The remaining portions of the property were generally occupied by residential apartments, lawns, playgrounds, parking lots, and a community garden. Minor surface staining was observed in parking lots throughout the Site.

The Phase I ESA identified the following RECs (FREY, 2019):

- In 1908, a manufactured gas plant was identified at the approximate location of Building 8;
- In 1921, a sheet metal work shop was identified at the approximate location of Building 31;
- In 1942, a kerosene 1,000-gallon UST installed at the management and maintenance building;
- Hazardous waste manifests associated with the management and maintenance building included waste oil and mixed oil, oxygenated solvents, pesticides, halogenated solvents, and hydrocarbon solvents.
- A clarifier and associated wash-down area/floor drains, concrete trenches and patches, hazardous waste generation and hazardous waste storage were observed at the management and maintenance building during a Site inspection on November 12, 2019.
- Asbestos containing materials (ACMs) were observed in various Site buildings.

4.0 OBJECTIVES

The objectives of the scope of work discussed below were to: 1) evaluate the presence of a UST at the management and maintenance building; 2) evaluate the presence of total petroleum hydrocarbons (TPH), volatile organic compounds (VOCs), metals, and polyaromatic hydrocarbons (PAHs) in subsurface soils at various locations at the Site, 3) evaluate the presence of VOCs in soil vapor, and; 4) evaluate the presence of TPH and VOCs in groundwater, if encountered.

5.0 SCOPE OF WORK

The scope of work, designed to provide the information needed to meet the objectives of the investigation, was as follows:

- Obtained soil boring permits from the Los Angeles County Department of Public Health (LACDPH);
- Prepared and implemented a Site-specific Health and Safety Plan;
- Marked 23 soil boring locations with white paint and notify Underground Service Alert;
- Performed a geophysical survey to clear each boring location and evaluate the potential presence of a suspected UST or UST cavity;
- Cored soil boring locations, as needed;
- Advanced 11 soil borings to final depths of 5 feet bgs;
- Advanced 2 soil borings to final depths of 16 feet bgs;
- Advanced 9 soil borings to final depths of 30 feet bgs;
- Advanced 1 soil boring to a final depth of 36 feet bgs;
- Collected soil samples from 1, 3 and 5 feet bgs from the 5-foot soil borings;
- Collected soil samples from 1, 6 and 15 feet bgs from the 16-foot soil borings;
- Collected soil samples from 1, 3 and 5 feet bgs and at 5-foot depth intervals from borings advanced to depths of 30 feet bgs and 36 feet bgs;
- Screened soil cuttings and soil samples for undifferentiated volatile organic compounds (UVOCs) with a photo-ionization detector (PID);
- Analyzed selected soil samples for TPH with a carbon chain breakdown (TPH-CC), VOCs, PAHs and the 17 metals specified in Title 22 of the California Code Regulations (CCR);
- Completed 14 of the soil borings as 5-foot soil vapor probes;
- Purged and sampled soil vapor samples from each soil vapor probe in accordance with the DTSC Advisory;
- Analyzed soil vapor samples for VOCs, and;
- Evaluated data and prepared this report documenting and presenting the results of the investigation.

6.0 CURRENT INVESTIGATION

The advancement of soil borings and installation of vapor probes was conducted by FREY personnel on November 20 and 21, 2019. Soil vapor probe sampling was conducted on November 26, 2019 by Baseline On-Site Analysis, a State of California certified hazardous waste testing laboratory.

The subsurface soil and soil vapor investigation was conducted in accordance with the guidelines set forth in the California Environmental Protection Agency's document titled, "*Advisory - Active Soil Gas Investigation,*" dated July 2015 (Cal EPA, 2015). All activities related to this investigation were conducted under the direction of a State of California Professional Geologist in accordance with applicable regulations and accepted engineering practice and protocol.

6.1 PRE-DRILLING ACTIVITIES

FREY obtained soil boring permits from the LACDPH. The soil boring permits have been attached in Appendix A. On November 15, 2019, FREY marked the Site in accordance with underground service alert (USA) protocols and obtained USA number A193190583-00A. A Site specific health and safety plan guided all field activities.

6.2 FIELD INVESTIGATION

6.2.1 Geophysical Survey

On November 15, 2019, Subsurface Surveys and Associates, Inc. (SSA) "cleared" the locations of soil borings B1 through B26 and investigated the potential presence of a UST or UST cavity at the maintenance building using a combination of electromagnetic induction, magnetometry, and ground penetrating radar. The survey did not locate a UST or a UST cavity. Soil boring locations were not in conflict with subsurface utilities or obstructions. A copy of the geophysical survey report has been attached in Appendix B.

6.2.2 Rational for Investigation Locations

Soil borings B1 through B9 were advanced in the former location of the manufactured gas plant identified at Building 8 (231 through 243 West Santa Cruz Street). Soil borings B10 through B13 were advanced at the maintenance building adjacent to the clarifier and hazardous waste storage areas. Soil borings B14, B15 and B16 were proposed to be advanced at the suspected UST location but were not advanced based upon the lack of an identified UST or UST cavity.

Soil borings B17 through B20 were advanced in the location of a former sheet metal shop identified at Building 31. Soil borings B21 and B22 were advanced in the LAHA storage yard on the southeast corner of South Palos Verdes Street and West Second Street. Soil borings B24, B25 and B26 were advanced on the south side of Buildings 24 and 25 to address the potential vapor encroachment condition presented by off Site sources to the south.

6.2.3 Drilling and Sampling of Soil Borings

On November 20 and 21, FREY cored the asphalt or concrete surface for soil borings B10 through B13. At the completion of coring activities, FREY hand augered soil borings B1 through B9 and B17 through B26 to 5 feet bgs. Soil borings B1 through B12 were completed at final depths using a direct push drilling rig operated by Kehoe Testing & Engineering.

Soil samples were collected from borings B1 through B9 from depths of 1 and 3 feet bgs by emptying the contents of the hand auger bucket directly into laboratory supplied 8-ounce glass jars. In borings B1 through B9, soil samples collected from depths of 5-feet bgs, and at 5-foot depth intervals at greater depths, were collected in an acetate liner which lined a split spoon sampler driven into soils by the direct push drilling rig.
Soil samples collected from 5, 10 and 15 feet bgs from B1 through B9 were also collected in accordance with EPA Method No. 5035B.

Soil borings B10, B11 and B12 were completed at final depths of 16, 16 and 36 feet bgs, respectively, with the direct push drilling rig. Soil boring B13 was completed at a depth of 5 feet bgs with a hand auger.

Soil samples were collected from depths of 1 foot bgs from B10 through B13 and soil samples B12-3, B13-3 and B13-5 were collected by emptying the contents of the hand auger bucket directly into laboratory supplied 8-ounce glass jars. Soil samples B10-6, B11-6, B12-5 and the 15 foot samples from B10, B11 and B12 were collected in an acetate liner which lined a split spoon sampler driven into soils by the direct push drilling rig. Soil samples collected from 5 and 6 feet bgs from B10, B11 and B12 were also collected in accordance with EPA Method No. 5035B.

Soil samples were collected from depths of 1, 3 and 5 feet bgs from borings B17 through B26 by emptying the contents of the hand auger bucket directly into laboratory supplied 8-ounce glass jars.

Soil samples and hand auger soil cuttings were examined in order to characterize the soil lithology and to look for the presence of soil staining or odors indicative of a chemical release. Soil samples and soil cuttings were also screened in the field for UVOCs with a PID. Soil staining, malodorous soils, and PID readings greater than 1 ppm were not observed in the hand auger cuttings or soil samples collected from soil borings B1 through B13 and B17 through B26. Soil sample collection procedures are discussed in greater detail in Appendix C.

Groundwater was not encountered during this investigation. Soil borings B1, B3, B5, B7, B9, B10, B13 and B17 were backfilled with soil cuttings and bentonite and resurfaced to match the surrounding area.

6.2.4 Installation of Soil Vapor Probes to 5 feet bgs

Soil borings B2, B4, B6, B8, B11, B12, B18 and B20 through B26 were completed as 5-foot soil vapor probes.

Five inches of machine washed sand were placed in the bottom of boreholes listed above. A 6-foot long, 0.17-inch inner diameter section of Nylaflow tubing was then inserted into each borehole. A plastic vapor implant was located on the bottom end of the tubing while an air tight vinyl cap was placed on the end of the tubing which protruded above the ground surface. Seven inches of machine washed sand was then placed in the borehole encasing the vapor implant.

One vertical foot of dry bentonite crumbles was then placed upon the sand pack. An additional vertical foot of bentonite crumbles was placed in the borehole and moistened. Bentonite crumbles were placed in one foot lifts and moistened until approximately 6 inches bgs. Each soil vapor probe was covered with a well box to accommodate future soil vapor sampling at the Site. The soil vapor probes were constructed in accordance with Cal EPA protocol (Cal EPA, 2015). Soil vapor probe construction diagrams for soil borings converted into soil vapor probes are presented on the boring logs attached in Appendix D.

6.2.5 Sampling of Soil Vapor Probes

Soil vapor sampling was conducted on November 26, 2018, by a chemist from Baseline On-Site Analysis (Baseline). Each soil vapor probe was allowed to equilibrate for a minimum of five days after installation. Rainfall in excess of ½ inch did not occur at the Site within the 5 days prior to sampling. Areas surrounding the soil vapor probe locations were free of standing water. Each soil vapor probe was purged of three purge volumes using a vacuum pump. The probe purging rate did not exceed 200 milliliters per minute (mL/min). Isopropanol (IPA) was used as the tracer gas. Soil vapor samples were collected in 1-liter Summa Canisters per Cal EPA guidelines and delivered to the laboratory on the date of sample collection (Cal EPA, 2015).

6.3 LABORATORY ANALYTICAL PROGRAM

Soil and soil vapor sample analysis was performed by eurofinsCalscience, a state licensed hazardous waste testing facility located in Garden Grove, California.

6.3.1 Soil Samples

<u>6.3.1.1. TPH-CC</u>

A total of 64 soil samples were analyzed for TPH-CC in accordance with EPA Method No. 8015B. Of the 64 soil samples analyzed for TPH-CC, 55 of these soil samples were from borings B1 through B9. Soil borings B1 through B9 were advanced in the former manufactured gas storage location.

Seven soil samples collected from B10 through B13 were also analyzed for TPH-CC. These soil samples were selected for TPH-CC analysis based on their location adjacent to the clarifier (B10 and B11) and in the hazardous waste use/storage area (B12 and B13) at the maintenance building.

One soil sample each from borings B21 and B22, hand augered in the storage yard, were also analyzed for TPH-CC.

6.3.1.2. PAHs

Sixty (60) soil samples from borings B1 through B9 were analyzed for PAHs in accordance with EPA Method No. 8270-SIM. Soil samples from 1, 3, 5 and 10 feet bgs from B1 through B9 were analyzed for PAHs. In addition, soil samples from 15, 20, 25 and 30 feet bgs from B4 through B9 were also analyzed for PAHs.

6.3.1.3. Title 22 Metals

The 1-foot bgs soil samples collected from B1 through B13 and B17 through B22, B24 and B26 and soil sample B1-3 (total of 22 soil samples) were analyzed for the 17 metals listed in CCR Title 22 in accordance with EPA Method No. 6010B/7471.

6.3.1.4. VOCs

Twenty-seven (27) soil samples were analyzed for VOCs in accordance with EPA Method No. 8260B. Soil samples analyzed for VOCs included the 5 and 15 foot samples from B1, B2 and B3; the 5, 10 and 15 foot samples from B4 through B9, and two samples each from B10, B11 and B12.

6.3.2 Soil Vapor Samples

A total of 14 soil vapor samples were analyzed for VOCs in general accordance with EPA Method No. TO-15.

7.0 RESULTS OF THE INVESTIGATION

7.1 SUBSURFACE CONDITIONS

In general, the subsurface soils consisted primarily of silty sands and sands to the bottom of the deepest boring to 36 feet bgs, the greatest depth drilled as part of this investigation. Clays and silts were present between the depths of 15 and 20 feet bgs in B4, between 25 and 28 feet in B5, between 28 and 30 feet in B7, between 13 and 20 feet in B9 and from 30 to 36 feet bgs in B12. Groundwater was not encountered during this investigation.

7.2 LABORATORY ANALYTICAL RESULTS

Soil sample results for TPH-CC and VOCs have been summarized in Table 1. Soil sample results for PAHs have been summarized in Table 2. Soil sample results for Title 22 metals have been summarized in Table 3. Soil vapor sample results have been summarized Table 4. Soil and soil vapor sample laboratory reports have been attached in Appendix E.

7.2.1 Soil Samples

7.2.1.1. TPH-CC

A total of 64 soil samples were analyzed for TPH-CC. Twenty-five (25) of the 64 soil samples contained TPH-CC at concentrations ranging from 5.2 milligrams per kilogram (mg/kg) to 390 mg/kg (samples B5-25 and B7-10). Soil samples B6-25 (170 mg/kg) and B21-1 (110 mg/kg) were the only other soil samples which contained TPH-CC in excess of 100 mg/kg.

The TPH-CC concentrations were classified as TPH-gas, TPH-diesel and TPH-oil. TPH-gas was not detected in the 64 soil samples. TPH-diesel was present in 14 of the 64 soil samples at concentrations up to 210 mg/kg as detected in soil sample B5-25. TPH-oil was detected in 9 of the 64 soil samples at concentrations up to 259 mg/kg as detected in soil sample B5-25.

7.2.1.2. PAHs

Sixty (60) soil samples were analyzed for PAHs. Five (5) of the 60 soil samples contained PAHs. The 5 soil samples were B4-20, B4-25, B5-25, B6-20 and B6-25. Soil sample B5-25 contained the greatest concentrations of PAHs. The following PAHs were detected in B5-25: phenanthrene (1.8 mg/kg), flouranthene (3.9 mg/kg), pyrene (6.4 mg/kg), indeno [1,2,3cd] pyrene (3.2 mg/kg), benzo(a)anthracene (1.9 mg/kg), chrysene (2.7 mg/kg), benzo(b)flouranthene (2.4 mg/kg), benzo(k)flouranthene (1.9 mg/kg), benzo(a)pyrene (3.8 mg/kg) and benzo(g,h,i)perylene (5.9 mg/kg).

7.2.1.3. Title 22 Metals

The 22 soil samples analyzed for Title 22 metals contained as many as 14 of the 17 metals. Antimony was detected only in soil sample B4-1 while arsenic, barium, beryllium, chromium, cobalt, copper, lead, nickel, vanadium and zinc were detected in all 22 soil samples. The metals concentrations detected in the 22 soil samples are present in concentrations which occur naturally in California soils (Bradford, 1996 & DTSC, 2008).

7.2.1.4. VOCs

Twenty-seven (27) soil samples were analyzed for VOCs. Five of the 27 soil samples contained VOCs. The detected VOCs were limited to acetone, benzene, toluene, and ethylbenzene. The greatest concentrations of acetone, benzene, toluene, and ethylbenzene were 0.046 mg/kg, 0.0013 mg/kg, 0.0022 mg/kg and 0.00095 mg/kg, respectively.

7.2.2 Soil Vapor Samples

Fourteen (14) soil vapor samples were analyzed for VOCs. Thirteen VOCs were detected in the 14 soil samples. VOCs detected included hydrocarbon fuel compounds benzene, ethylbenzene, toluene and total xylenes and widely used industrial chemicals acetone (the only VOC detected in all vapor samples), chloroform, chloromethane, dichlorodifluoromethane (DCDFM), 2-butanone (MEK), PCE, 1,1,1-TCA, and TCE. The leak-check compound isopropanol (IPA) was detected in 12 of the 14 soil vapor samples.

PCE was detected in 7 of the 14 soil vapor samples at concentrations up to 140 micrograms per cubic meter (ug/m3). Soil vapor samples B11 and B12 contained PCE at a concentration of 61 ug/m^3 and 140 ug/m^3, respectively. Soil vapor samples B11 and B12 were collected at the maintenance and management building adjacent to the clarifier and in the hazardous materials storage area. No other soil vapor samples contained PCE in excess of 8.5 ug/m^3.
DCDFM, MEK and toluene were detected in 3 of the 14 soil vapor samples. The greatest concentrations of DCDFM, MEK and toluene were 3.2 ug/m^3, 7.3 ug/m^3, and 3.0 ug/m^3, respectively. Chloroform, ethylbenzene and total xylenes were detected in 2 of the 14 soil vapor samples. The greatest concentrations of chloroform, ethylbenzene and total xylenes were 15 ug/m^3, 3.2 ug/m^3, and 42 ug/m^3, respectively.

Benzene was only detected in soil vapor sample B12 at a concentration of 19 ug/m^3.

8.0 DISCUSSION OF RESULTS

Soil samples which contain concentrations of TPH, PAHs, VOCs or metals are commonly evaluated with the threat to human health through contact (ingestion, dermal contact and inhalation) and the threat to groundwater degradation through vertical migration. Soil vapor containing concentrations of VOCs can potentially pose a threat to human health through the migration of vapors through building floors and foundations.

Compounds detected in soil and soil vapor can be compared to screening levels published by regional, state, and federal government agencies.

The San Francisco Bay Regional Water Quality Control Board (SFB-RWQCB) publishes environmental screening levels (ESLs) that are generic, very conservative, risk-based values which combine human health toxicity with standard exposure factors to estimate contaminant concentrations that are considered protective of human health over a lifetime of exposure (RWQCB-SF, 2019).

The State of California Department of Toxic Substance Control (DTSC) and the USEPA also publish screening levels for soil but utilize different assumptions than those used for the ESLs (DTSC, 2019 and USEPA, 2019). The SFB-RWQCB ESLs are typically much lower than the screening levels published by the DTSC and USEPA.

8.1 TPH IN SOIL

TPH-gas was not detected in the 67 soil samples analyzed for TPH. The detected concentrations of TPH-diesel and TPH-oil can be compared to the lowest direct contact screening levels presented by the SFB-RWQCB, DTSC and USEPA which are 96 mg/kg for TPH-diesel and 180,000 mg/kg, respectively. Soil samples B5-25 (210 mg/kg) and B7-10 (100 mg/kg) were the only two soil samples which contained TPH-diesel in excess of the USEPA regional screening level of 96 mg/kg. However, these soils are located at depths of 25 feet bgs and 10 feet bgs and are not accessible to the Site occupants. Therefore, the route of exposure is incomplete. The detected concentrations of TPH-oil were well below the respective ESL or RSL.

The TPH-diesel threat to groundwater can be compared to the Leaching to Groundwater ESL which is 1,300 mg/kg. In comparison, the greatest TPH-diesel concentration was 210 mg/kg. A threat to groundwater concentration ESL for TPH-oil was not provided by the SFB-RWQCB.
In summary, the detected concentrations of TPH-diesel and TPH-oil do not present a threat to human health or groundwater.

8.2 PAHs IN SOIL

Sixty (60) soil samples were analyzed for PAHs. Five (5) of the 60 soil samples contained PAHs. Soil samples B5-25 and B6-25 were the only samples which contained PAHs in excess of direct contact residential ESLs.

Soil sample B5-25 contained concentrations of indeno [1,2,3cd] pyrene, benzo(a)anthracene, benzo(b)flouranthene and benzo(a)pyrene which exceeded respective residential ESLs. Soil sample B6-25 contained concentrations of indeno [1,2,3cd] pyrene, benzo(b)flouranthene and benzo(a)pyrene which exceeded respective residential ESLs. Soil samples B5-25 and B6-25 are located at depths of 25 feet bgs and are not accessible to Site occupants. Therefore, the route of exposure to human health is incomplete.

The PAH threat to groundwater can be compared to respective Leaching to Groundwater ESLs for indeno [1,2,3cd] pyrene (32 mg/kg), benzo(a)anthracene (10 mg/kg), benzo(b)flouranthene (75 mg/kg) and benzo(a)pyrene (5.7 mg/kg). The highest concentrations of PAHs detected in soil samples analyzed as part of this investigation were below the Leaching to Groundwater ESLs.

In summary, the detected concentrations of PAHs do not present a threat to human health or groundwater.

8.3 METALS IN SOIL

Several metals were detected in the 22 soil samples analyzed for Title 22 metals but, with the exception of thallium in sample B4-1 and arsenic in sample B20-1, were detected at concentrations well below respective ESLs for residential soils.

Thallium was detected at a concentration of 0.882 mg/kg in sample B4-1 in comparison to the residential ESL of 0.78 mg/kg. This slight exceedance is not of concern in consideration of the laboratory detection limits which varied from 0.718 mg/kg to 0.789 mg/kg. In addition, the thallium concentration is within the range of naturally occurring concentrations in California soils (Bradford et al, 1996)

The DTSC and the USEPA have recognized that screening levels for arsenic are commonly less than the concentrations which occur naturally in Southern California soils. The DTSC conducted an extensive study of naturally occurring arsenic concentrations in soils at school properties throughout Los Angeles County. The DTSC determined that arsenic occurs naturally at concentrations of up to 12 mg/kg in Southern California soils (DTSC, 2008).

Soil samples collected and analyzed as part of this investigation did not contain arsenic in excess of 12 mg/kg with the exception of sample B20-1 (12.1 mg/kg). This slight exceedance is considered to be naturally occurring.

8.4 VOCs IN SOIL

The VOCs detected in the 27 soil samples analyzed as part of this investigation were well below the residential ESLs for Direct Exposure to Human Health and Leaching to Groundwater. In conclusion, VOCs present in soil samples analyzed as part of this investigation are not a threat to human health or groundwater.

8.5 VOCs IN SOIL VAPOR

Soil vapor samples collected from probes B11, B12 and B20 were the only samples which contained VOCs in excess of the residential ESLs. It should be noted that none of the detected VOCs exceeded respective DTSC or USEPA residential screening levels.

Soil vapor samples B11 and B12 were collected from the management and maintenance building area. The detected VOCs in soil vapor samples B11 and B12 are more properly compared with the commercial ESLs as occupants do not live in these buildings. In comparison with commercial ESLs, soil vapor sample B11 did not contain VOCs in excess of commercial ESLs. Soil vapor sample B12 contained benzene (19 ug/m^3) and PCE (140 ug/m^3) in excess of the commercial ESLs of 14 ug/m^3 and 67 ug/m^3, respectively. To put these concentrations in perspective, benzene and

PCE exceeded respective screening levels by 1.57 parts per billion (ppb) and 10.76 ppb, respectively. The single detection of benzene and PCE slightly in excess of very conservative ESLs is, in our professional opinion, not of concern to commercial building occupants and is not indicative of a significant release.

Soil vapor sample B20, collected south of Building 31, contained chloroform at a concentration of 9.1 ug/m^3 versus the residential ESL of 4.1 ug/m^3. The concentration of chloroform detected in B20 exceeded the ESL by 1.02 ppb. The DTSC does not list a screening level for chloroform. The USEPA's residential screening level for chloroform is 60 ug/m^3. Soil vapor sample B18, collected on the north side of Building 31 roughly 50 feet to the north of B20, did not contain chloroform. The presence of 9.1 ug/m^3 is not of concern based on the single detection, lack of a known source at this location, and detection well below the USEPA's residential screening level.

The leak check compound IPA was present in several soil vapor samples. Section 4.2.2.1 of the DTSC Advisory states that samples containing a leak check compound concentration greater than ten times the reporting limit (method detection limit), may require corrective action. The IPA detected in the soil vapor samples did not exceed the DTSC protocol.

9.0 CONCLUSIONS

The RECs identified in the Phase I ESA have been investigated. The results of the investigation indicate that no significant environmental impacts exist with respect to the RECs.

9.1 SOIL

- A geophysical survey was performed at the management and maintenance building to evaluate the presence of a UST. A UST was not located during the geophysical survey.

- Twenty-three (23) soil borings were advanced and sampled to depths ranging from 5 feet bgs to 36 feet bgs. Subsurface soils consisted primarily of silty sands and sands from just below the ground surface to 36 feet bgs. Groundwater was not encountered in the 23 soil borings.

- Soil samples were collected from depths of 1, 3, and 5 feet in 21 of the 23 soil borings. Soil samples were generally collected at 5-foot depth intervals between 5 feet bgs and the bottom of each boring.

- Sixty-four (64) soil samples were analyzed for TPH-CC, 60 soil samples were analyzed for PAHs, 23 soil samples were analyzed for selected metals, and 27 soil samples were analyzed for VOCs.

- The detected concentrations of TPH in soil are not a threat to human health or groundwater. Soil samples B5-25 (210 mg/kg) and B7-10 (100 mg/kg) were the only two soil samples which contained TPH-diesel in excess of the USEPA regional screening level of 96 mg/kg (the lowest screening level) for direct exposure to human health. These soils are located at depths of 25 feet bgs and 10 feet bgs, respectively, which renders the route of exposure to human health as incomplete. The TPH-diesel concentration in B5-25 is well below the Leaching to Groundwater ESL of 1,300 mg/kg.

- The detected PAH concentrations are not a threat to human health or groundwater. Soil samples B5-25 and B6-25 contained PAHs in excess of residential ESLs for direct exposure to human health. These soils are located at depths of 25 feet bgs which renders the route of exposure to human health as incomplete. The PAHs detected in soil samples B5-25 and B6-25 are well below the Leaching to Groundwater ESLs.

- The metals detected in the 22 soil samples collected and analyzed from shallow soils (depths of 3 feet or less) did not significantly exceed the residential ESLs or the DTSC calculated background concentrations for arsenic in Southern California soils and are not considered to be of concern. The thallium detected in soil sample B4-1 exceeded the ESL by 0.102 mg/kg. The arsenic detected in soil sample B20-1 exceeded the DTSC background concentration for arsenic by 0.1 mg/kg.

- The VOCs detected in the 27 soil samples did not exceed direct exposure to human health or migration to groundwater ESLs.

9.2 SOIL VAPOR

- Fourteen (14) of the 23 soil borings were completed as 5-foot soil vapor probes and sampled in accordance with DTSC protocol.

- Eleven (11) of the 14 soil vapor samples did not contain VOCs in excess of residential ESLs. Soil vapor probes B11, B12 and B20 contained VOCs which exceeded residential ESLs. B11 and B12 were installed at the management and maintenance building while B20 was installed on the south side of Building 31.

- The VOC concentrations detected in soil vapor samples B11 and B12 can be compared with the commercial ESLs as the management and maintenance building is not occupied on a full time basis. Thus soil vapor B11 sample did not contain VOCs in excess of the commercial ESLs. Soil vapor sample B12 contained benzene and PCE at concentrations which slightly exceed respective commercial ESLs. Benzene and PCE exceeded respective commercial ESLs 1.57 ppb and 10.76 ppb, respectively, in sample B12. In addition, the detected concentrations of benzene and PCE in B12 are well below the commercials screening levels published by the DTSC and USEPA. This single detection of benzene and PCE slightly in excess of very conservative ESLs is, in our professional opinion, not of concern to commercial building occupants and is not indicative of a significant release.

- Soil vapor sample B20, collected south of Building 31, contained chloroform at a concentration of 9.1 ug/m^3 versus the residential ESL of 4.1 ug/m^3. The concentration of chloroform detected in B20 exceeded the ESL by 1.02 ppb. The DTSC does not list a screening level for chloroform. The USEPA's residential screening level for chloroform is 60 ug/m^3. Soil vapor sample B18, collected on the north side of Building 31 roughly 50 feet to the north of B20, did not contain chloroform. The presence of 9.1 ug/m^3 is not of concern based on the single detection, lack of a known source at this location, and detection well below the USEPA's residential screening level.

10.0 RECOMMENDATIONS

The following recommendations have been made based upon the information presented in the Phase I ESA and in this report:

- Conduct an additional soil vapor assessment at the management and maintenance building. The further assessment should include the installation and sampling of soil vapor probes to the north, south, east and west of B11 and B12. Of most importance is the installation and sampling of a soil vapor probe between the maintenance garage and apartment Building 18 located immediately to the east.

- Prepare and implement a soil management plan (SMP) for soil excavation in the vicinity of Building 8 and at the Management and Maintenance Building. The presence of low PAH concentrations in soil samples collected from borings B5 and B6 from 25 feet bgs (with non-detect samples above and below) dictates that potential mitigation measures should be implemented in this area. The presence of low VOC concentrations in soil vapor at the Management and Maintenance Building dictates that South Coast Air Quality Management District Rule 1166 should be performed during soil excavation in this area.

11.0 LIMITATIONS

The judgments described in this report are professional opinions based solely within the limits of the scope of work authorized, and pertain to conditions judged to be present or applicable at the time the work was performed. Future conditions may differ from those described herein, and this report is not intended for future evaluations of this Site unless an update is conducted by a consultant familiar with environmental assessments.

This report was compiled partially from information supplied to FREY Environmental, Inc. from outside sources, other information that is in the public domain and a visual inspection of the property. FREY Environmental, Inc. makes no warranty as to the accuracy of statements made by others, which may be contained in this report, nor are any other warranties or guarantees, expressed or implied, included or intended by the report, except that it has been prepared in accordance with the current accepted practices and standards consistent with the level of care and skill exercised under similar circumstances by other professional consultants or firms performing similar services. Site conditions may change with time as the result of natural alterations or man-made changes on this or adjacent properties. Future environmental investigations conducted at the Site may reveal site conditions not indicated in the data reviewed by FREY Environmental, Inc.

Additionally, changes in standards or regulations applicable to the Site may occur. The findings of this report may be partially or wholly invalidated by changes of which FREY Environmental, Inc. is not aware or has not had the opportunity to evaluate.

Environmental assessments provide an additional source on information regarding the environmental conditions of a particular property or facility. The report to the Client is a professional opinion and judgment, dependent upon FREY's knowledge and information obtained during the course of performance of the services.

If you should have any questions or concerns, please contact us at (949) 723-1645.

Sincerely,
FREY Environmental Inc.

Joe Frey
Principal Engineering Geologist
CEG #1500

Evan Privett
Senior Project Geologist
PG#7880

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TABLES

TABLE 1
SOIL SAMPLE ANALTICAL RESULTS - TPH & VOCs

ONE SAN PEDRO DEVELOPMENT
SAN PEDRO, CALIFORNIA

Results in milligrams per kilogram (mg/kg)

Sample Designation	Sample Depth (feet bgs)	Date	Total TPH (C6-C44) [1]	TPH-gas (C4-C12) [1]	TPH-diesel (C10-C28) [1]	TPH-oil (C23-C44) [1]	Acetone [2]	Benzene [2]	Toluene [2]	Ethyl-benzene [2]
B1	1	11/20/2019	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
	3	11/21/2019	5.9				--	--	--	--
	5	11/20/2019	14	ND<5.0	ND<5.0	ND<5.0	ND<0.042	ND<0.00084	ND<0.00084	ND<0.00084
	10	11/20/2019	ND<4.9	ND<4.9	ND<4.9	ND<4.9	--	--	--	--
	15	11/20/2019	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<0.046	ND<0.00091	ND<0.00091	ND<0.00091
B2	1	11/20/2019	12	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
	5	11/20/2019	6.1	ND<5.0	ND<5.0	ND<5.0	0.046	ND<0.00088	ND<0.00088	ND<0.00088
	10	11/20/2019	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
	15	11/20/2019	64	ND<5.0	25	36.1	ND<0.040	ND<0.00079	ND<0.00079	ND<0.00079
B3	1	11/21/2019	46	ND<5.0	12	49.8	--	--	--	--
	5	11/20/2019	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<0.048	ND<0.00095	ND<0.00095	ND<0.00095
	10	11/20/2019	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
	15	11/20/2019	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<0.042	ND<0.00084	ND<0.00084	ND<0.00084
B4	1	11/20/2019	6.4	ND<4.9	ND<4.9	ND<4.9	--	--	--	--
	5	11/21/2019	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<0.050	ND<0.0010	ND<0.0010	ND<0.0010
	10	11/21/2019	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<0.038	ND<0.00075	ND<0.00075	ND<0.00075
	15	11/21/2019	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<0.070	ND<0.0014	ND<0.0014	ND<0.0014
	20	11/21/2019	5.2	ND<4.9	ND<4.9	ND<4.9	--	--	--	--
	25	11/21/2019	ND<4.9	ND<4.9	ND<4.9	ND<4.9	--	--	--	--
	30	11/21/2019	14	ND<5.0	15	ND<5.0	--	--	--	--
B5	1	11/20/2019	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
	5	11/21/2019	ND<4.9	ND<5.0	ND<5.0	ND<5.0	0.043	ND<0.040	ND<0.00080	ND<0.00080
	10	11/21/2019	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<0.042	ND<0.00083	ND<0.00083	ND<0.00083
	15	11/21/2019	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<0.044	ND<0.00089	ND<0.00089	ND<0.00089
	20	11/21/2019	ND<4.9	ND<4.9	ND<4.9	ND<4.9	--	--	--	--
	25	11/21/2019	390	ND<25	210	259	--	--	--	--
	30	11/21/2019	ND<4.9	ND<4.9	ND<4.9	ND<4.9	--	--	--	--

TABLE 1
SOIL SAMPLE ANALTICAL RESULTS - TPH & VOCs

ONE SAN PEDRO DEVELOPMENT
SAN PEDRO, CALIFORNIA

Results in milligrams per kilogram (mg/kg)

Sample Designation	Sample Depth (feet bgs)	Date	Total TPH (C6-C44) [1]	TPH-gas (C4-C12) [1]	TPH-diesel (C10-C28) [1]	TPH-oil (C23-C44) [1]	Acetone [2]	Benzene [2]	Toluene [2]	Ethyl-benzene [2]
B6	1	11/20/2019	7.2	ND<4.9	ND<4.9	ND<4.9	--	--	--	--
	5	11/21/2019	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<0.043	ND<0.00086	ND<0.00086	ND<0.00086
	10	11/21/2019	11	ND<5.0	13	ND<5.0	ND<0.040	ND<0.00080	ND<0.00080	ND<0.00080
	15	11/21/2019	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<0.048	ND<0.00096	ND<0.00096	ND<0.00096
	20	11/21/2019	ND<4.9	ND<4.9	ND<4.9	ND<4.9	--	--	--	--
	25	11/21/2019	170	ND<5.0	66	151	--	--	--	--
	30	11/21/2019	ND<4.9	ND<4.9	ND<4.9	ND<4.9	--	--	--	--
B7	1	11/20/2019	ND<4.9	ND<4.9	ND<4.9	ND<4.9	--	--	--	--
	5	11/21/2019	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<0.040	ND<0.0079	ND<0.0079	ND<0.0079
	10	11/21/2019	390	ND<9.8	100	384	ND<0.043	0.00091	0.00085	ND<0.00085
	15	11/21/2019	15	ND<4.9	14	ND<4.9	ND<0.042	ND<0.00084	ND<0.00084	ND<0.00084
	20	11/21/2019	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
	25	11/21/2019	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
	30	11/21/2019	9.8	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
B8	1	11/20/2019	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
	5	11/21/2019	11	ND<4.9	7.9	ND<4.9	ND<0.041	0.00096	0.0022	ND<0.00082
	10	11/21/2019	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<0.038	0.0013	0.0013	0.00095
	15	11/21/2019	39	ND<5.0	14	42.6	ND<0.049	ND<0.00098	ND<0.00098	ND<0.00098
	20	11/21/2019	ND<4.9	ND<4.9	ND<4.9	ND<4.9	--	--	--	--
	25	11/21/2019	26	ND<4.9	16	12.4	--	--	--	--
	30	11/21/2019	13	ND<4.9	10	ND<4.9	--	--	--	--
B9	1	11/21/2019	10	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
	5	11/21/2019	21	ND<4.9	9.7	16.7	ND<0.039	ND<0.00079	ND<0.00079	ND<0.00079
	10	11/21/2019	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<0.039	ND<0.00079	ND<0.00079	ND<0.00079
	15	11/21/2019	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<0.038	ND<0.00076	ND<0.00076	ND<0.00076
	20	11/21/2019	ND<4.9	ND<4.9	ND<4.9	ND<4.9	--	--	--	--
	25	11/21/2019	5.5	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
	30	11/21/2019	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--	--

TABLE 1
SOIL SAMPLE ANALTICAL RESULTS - TPH & VOCs

ONE SAN PEDRO DEVELOPMENT
SAN PEDRO, CALIFORNIA

Results in milligrams per kilogram (mg/kg)

Sample Designation	Sample Depth (feet bgs)	Date	Total TPH (C6-C44) [1]	TPH-gas (C4-C12) [1]	TPH-diesel (C10-C28) [1]	TPH-oil (C23-C44) [1]	Acetone [2]	Benzene [2]	Toluene [2]	Ethyl-benzene [2]
B10	6	11/20/2019	7.4	ND<5.0	ND<5.0	ND<5.0	ND<0.048	ND<0.00095	ND<0.00095	ND<0.00095
	15	11/20/2019	ND<4.9	ND<4.9	ND<4.9	ND<4.9	--	--	--	--
B11	6	11/20/2019	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<0.050	ND<0.00099	ND<0.00099	ND<0.00099
	15	11/20/2019	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
B12	5	11/20/2019	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<0.064	ND<0.0013	ND<0.0013	ND<0.0013
	15	11/20/2019	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
B13	5	11/20/2019	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
B21	1	11/20/2019	110	ND<4.9	18	89	--	--	--	--
B22	5	11/20/2019	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
SFB-RWQCB - Res. ESLs Direct Exposure [3]			NL	430	260	180,000	61,000	0.33	1,100	5.9
SFB-RWQCB - Res. ESLs Leaching to GW [4]			NL	4900	7300	NL	0.92	0.025	10	0.43
DTSC Residential Sreening Levels [5]			NL	NL	2,500	NL	NL	0.33	1,100	NL
USEPA Residential RSLs [6]			NL	520	96	230,000	61,000	1.2	4,900	5.8

Notes:

[1] Analyzed in accordance with EPA Method No. 8015B.
The TPH-gas and TPH-oil carbon ranges from the California Leaking Underground Fuel Tank Manual. The TPH-diesel carbon range from eurofins/Calscience.

[2] Analyzed in accordance with EPA Method No. 8260B.

[3] SFB-RWQCB = San Francisco Bay - Regional Water Quality Control Board Environmental Screening Levels for Residential Land Use Scenario. January 2019. Rev 1.
Direct exposure to human health risk level. Table S-1.

[4] SFB-RWQCB residential ESL. Leaching to groundwater levels (non-drinking water). Table S-3.

[5] DTSC = Department of Toxic Substance Control (DTSC) Residential Screening Levels from Human and Ecological Risk Office (HERO) Note 3. Table 1. April 2019.

[6] USEPA = United States Environmental Protection Agency Regional Screening Levels for Residential Land Use Scenario. November 2019.

[7] ND = not detected above laboratory detection limit. NL = concentration not listed for compound.

TABLE 2
SOIL SAMPLE ANALYTICAL RESULTS - PAHs

ONE SAN PEDRO DEVELOPMENT
SAN PEDRO, CALIFORNIA

All concentrations in milligrams per kilogram (mg/kg)

Soil Boring	Sample Depth (feet)	Sample Date	Phenanthrene	Flouranthene	Pyrene	Indeno [1,2,3-cd] pyrene	Benzo(a) Anthracene	Chrysene	Benzo (b) Flouranthene	Benzo (k) Flouranthene	Benzo (a) Pyrene	Benzo (g,h,i) Perylene
B1	1	11/20/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	3	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	5	11/20/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	10	11/20/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
B2	1	11/20/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	3	11/20/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	5	11/20/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	10	11/20/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
B3	1	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	3	11/20/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	5	11/20/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	10	11/20/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
B4	1	11/20/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	3	11/20/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	5	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	10	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	15	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	20	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.65
	25	11/21/2019	ND<0.50	0.56	0.84	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.65
	30	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
B5	1	11/20/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	3	11/20/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	5	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	10	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	15	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	20	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	25	11/21/2019	1.8	3.9	6.4	3.2	1.9	2.7	2.4	1.9	3.8	5.9
	30	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50

TABLE 2
SOIL SAMPLE ANALYTICAL RESULTS - PAHs

ONE SAN PEDRO DEVELOPMENT
SAN PEDRO, CALIFORNIA

All concentrations in milligrams per kilogram (mg/kg)

Soil Boring	Sample Depth (feet)	Sample Date	Phenanthrene	Flouranthene	Pyrene	Indeno [1,2,3-cd] pyrene	Benzo(a) Anthracene	Chrysene	Benzo (b) Flouranthene	Benzo (k) Flouranthene	Benzo (a) Pyrene	Benzo (g,h,i) Perylene
B6	1	11/20/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	3	11/20/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	5	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	10	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	15	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	20	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.65
	25	11/21/2019	ND<0.50	1.1	2.0	2.1	0.75	0.95	1.3	1.2	2.3	3.6
	30	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
B7	1	11/20/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	3	11/20/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	5	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	10	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	15	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	20	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	25	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	30	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
B8	1	11/20/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	3	11/20/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	5	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	10	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	15	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	20	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	25	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	30	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50

TABLE 2
SOIL SAMPLE ANALYTICAL RESULTS - PAHs

ONE SAN PEDRO DEVELOPMENT
SAN PEDRO, CALIFORNIA

All concentrations in milligrams per kilogram (mg/kg)

Soil Boring	Sample Depth (feet)	Sample Date	Phenanthrene	Flouranthene	Pyrene	Indeno [1,2,3-cd] pyrene	Benzo(a) Anthracene	Chrysene	Benzo (b) Flouranthene	Benzo (k) Flouranthene	Benzo (a) Pyrene	Benzo (g,h,i) Perylene
B9	1	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	3	11/20/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	5	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	10	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	15	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	20	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	25	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	30	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
SFB-RWQCB-Res. ESLs Direct Exp. [2]			NL	2,400	1,800	1.1	1.1	110	1.1	11	0.11	NL
SFB-RWQCB-Res. ESLs Leach to GW [3]			11	86	45	32	10	10	75	39	5.7	27
DTSC Residential Screening Levels [4]			NL	2,400	NL	1.1	1.1	110	1.1	11	0.11	NL
USEPA Residential RSLs [5]			NL	2,400	1,800	1.1	1.1	110	1.1	110	0.11	NL

Notes:

[1] Analyzed in accordance with EPA Method No. 8270-SIM.

[2] SFB-RWQCB = San Francisco Bay - Regional Water Quality Control Board Environmental Screening Levels for Residential Land Use Scenario. January 2019. Rev 1. Direct exposure to human health risk level. Table S-1.

[3] SFB-RWQCB residential ESL. Leaching to groundwater levels (non-drinking water). Table S-3.

[4] DTSC = Department of Toxic Substance Control (DTSC) Residential Screening Levels from Human and Ecological Risk Office (HERO) Note 3. Table 1. April 2019.

[5] USEPA = United States Environmental Protection Agency Regional Screening Levels for Residential Land Use Scenario. November 2019.

[6] ND = not detected above laboratory detection limit. NL = concentration not listed for compound.

TABLE 3
SOIL SAMPLE ANLYTICAL RESULTS - METALS

ONE SAN PEDRO DEVELOPMENT
SAN PEDRO, CALIFORNIA

Concentrations in milligrams per kilogram (mg/kg)

Soil Boring	Sample Depth (ft-bgs)	Date Sampled	METALS																
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
B1	1	11/20/2019	ND<0.750	2.05	93.5	0.420	ND<0.500	12.6	5.37	7.18	2.99	ND<0.0862	ND<0.250	7.36	ND<0.750	ND<0.250	ND<0.750	22.2	24.2
B1	3	11/21/2019	ND<0.765	3.45	124	0.378	ND<0.510	13.5	4.83	10.8	3.90	ND<0.0877	0.338	8.72	ND<0.765	ND<0.255	ND<0.765	22.8	26.9
B2	1	11/20/2019	ND<0.721	4.12	112	0.394	0.672	16.2	4.65	17.1	20.1	ND<0.0794	0.565	10.6	ND<0.721	0.407	ND<0.721	22.4	52.2
B3	1	11/21/2019	ND<0.758	6.16	137	0.411	1.36	18.7	5.03	23.2	32.8	ND<0.0847	0.410	11.8	ND<0.758	0.578	ND<0.758	25.3	74.0
B4	1	11/20/2019	1.84	10.3	139	0.503	ND<0.513	22.4	6.30	15.9	7.69	ND<0.0794	1.00	15.2	ND<0.769	ND<0.256	0.882	37.7	49.2
B5	1	11/20/2019	ND<0.789	4.43	158	0.535	ND<0.526	18.3	6.09	8.75	0.838	ND<0.0820	0.656	13.8	ND<0.789	ND<0.263	ND<0.789	33.0	32.6
B6	1	11/20/2019	ND<0.714	4.69	146	0.628	ND<0.476	23.0	7.81	17.2	9.74	ND<0.0833	ND<0.238	15.0	ND<0.714	0.353	ND<0.714	36.0	57.0
B7	1	11/20/2019	ND<0.765	7.78	147	0.661	ND<0.510	22.3	8.21	15.5	3.03	ND<0.0794	0.441	16.2	ND<0.765	ND<0.255	ND<0.765	39.0	47.7
B8	1	11/20/2019	ND<0.718	3.67	87.2	0.322	ND<0.478	8.84	3.49	5.66	1.17	ND<0.0820	ND<0.239	6.64	0.822	ND<0.239	ND<0.718	16.2	21.4
B9	1	11/21/2019	ND<0.746	5.34	157	0.664	0.520	24.1	8.24	25.5	12.5	ND<0.0847	ND<0.249	18.3	ND<0.746	0.273	ND<0.746	37.9	57.5
B10	1	11/20/2019	ND<0.754	3.85	133	0.551	ND<0.503	16.7	7.96	24.5	1.56	ND<0.0806	ND<0.251	16.8	ND<0.754	ND<0.251	ND<0.754	33.8	39.4
B11	1	11/20/2019	ND<0.728	4.74	137	0.578	ND<0.485	21.8	7.22	23.5	16.8	ND<0.0833	ND<0.243	14.8	ND<0.728	ND<0.243	ND<0.728	34.2	81.2
B12	1	11/20/2019	ND<0.735	4.24	171	0.474	ND<0.490	17.2	6.61	12.6	28.8	ND<0.0794	ND<0.245	12.9	ND<0.735	ND<0.245	ND<0.735	30.0	60.9
B13	1	11/20/2019	ND<0.721	2.92	185	0.478	ND<0.481	16.6	6.81	11.4	14.4	0.176	ND<0.240	12.2	ND<0.721	ND<0.240	ND<0.721	31.0	49.7
B17	1	11/20/2019	ND<0.754	4.63	156	0.660	ND<0.503	20.5	9.19	23.0	4.59	ND<0.0794	ND<0.251	17.1	ND<0.754	ND<0.251	ND<0.754	40.2	47.7
B18	1	11/20/2019	ND<0.761	8.84	166	0.733	ND<0.508	22.0	10.6	31.4	2.26	ND<0.0820	ND<0.254	20.9	ND<0.761	ND<0.254	ND<0.761	46.1	55.1
B19	1	11/20/2019	ND<0.721	4.96	148	0.634	ND<0.481	20.6	6.93	19.1	3.16	ND<0.0862	ND<0.240	15.4	ND<0.721	ND<0.240	ND<0.721	39.5	44.3
B20	1	11/20/2019	ND<0.773	12.1	168	0.693	ND<0.515	24.0	10.5	37.0	7.41	ND<0.0877	ND<0.258	22.7	ND<0.773	ND<0.258	ND<0.773	41.7	60.6
B21	1	11/20/2019	ND<0.773	0.956	283	0.304	ND<0.515	9.22	5.28	6.58	1.41	0.135	ND<0.258	8.91	ND<0.773	ND<0.258	ND<0.773	17.1	27.7
B22	1	11/20/2019	ND<0.765	1.76	171	0.301	ND<0.510	11.3	5.87	8.97	7.52	ND<0.0806	ND<0.255	8.94	ND<0.765	ND<0.255	ND<0.765	19.1	44.0
B24	1	11/20/2019	ND<0.758	4.63	246	0.461	ND<0.505	15.0	7.69	21.9	40.4	ND<0.0794	ND<0.253	13.9	ND<0.758	ND<0.253	ND<0.758	27.5	115
B26	1	11/20/2019	ND<0.754	3.00	123	0.511	ND<0.503	16.2	7.37	19.1	20.3	ND<0.0794	ND<0.251	14.6	ND<0.754	ND<0.251	ND<0.754	31.2	55.6
SFB-RWQCB Residential ESLs [1]			11	0.067	15,000	16	78	120,000	23	3,100	80	13	390	820	390	390	0.78	390	23,000
DTSC Residential Screening Levels [2]			NL	12	NL	16	71	NL	NL	NL	80	1.0	NL	820	NL	NL	0.78	NL	NL
USEPA Residential RSLs [3]			31	0.68	15,000	160	71	120,000	23	3,100	400	11	390	1,500	390	390	0.78	390	23,000

Notes:

[1] SFB-RWQCB = San Francisco Bay - Regional Water Quality Control Board - Environmental Screening Levels for Residential Land Use Scenario. January 2019. Rev 1.
[2] DTSC = Department of Toxic Substance Control (DTSC) Residential Screening Levels from Human and Ecological Risk Office (HERO) Note 3. Table 1. April 2019.
The arsenic concentration from DTSC published "Determination of a Southern California Regional Background Arsenic Concentration in Soil". August 2008.
[3] USEPA = United States Environmental Protection Agency Regional Screening Levels. Residential Land Use Scenario. November 2019.
[4] ft bgs = feet below the ground surface
[5] ND = not detected above laboratory detection limit.
[6] Soil samples were analyzed for Title 22 metals in accordance with EPA Method No. 6010B, with the exception of Mercury which was analyzed in accordance with EPA Method 7471.
[7] NL = valuen not listed for the compound.

TABLE 4
SOIL VAPOR SAMPLE ANALYTICAL RESULTS

ONE SAN PEDRO DEVELOPMENT
SAN PEDRO, CALIFORNIA

Concentrations in micrograms per cubic meter (ug/m3)

Sample ID	Location	Sample Date	Acetone	Benzene	Chloro form	Chloro methane	DCDFM	Ethyl benzene	IPA	2-Butanone (MEK)	PCE	1,1,1-TCA	TCE	Toluene	Total Xylenes
B2	Building 8	11/26/2019	7.0	ND<1.7	ND<2.7	ND<1.1	ND<2.7	ND<2.4	59	ND<4.8	ND<3.7	ND<3.0	ND<2.9	ND<2.0	ND<9.4
B4	Building 8	11/26/2019	21	ND<2.1	ND<3.2	ND<1.4	ND<3.3	3.2	93	7.3	ND<4.5	ND<3.6	ND<3.6	ND<2.5	42
B6	Building 8	11/26/2019	33	ND<1.9	ND<2.9	ND<1.2	ND<5.6	ND<2.5	68	ND<5.2	ND<4.0	ND<3.2	ND<3.2	ND<2.2	ND<10
B8	Green Space	11/26/2019	21	ND<3.6	ND<5.6	ND<2.4	ND<5.6	ND<5.0	95	ND<10	8.5	ND<6.2	ND<6.1	ND<4.3	ND<20
B11	Management and Maintenance Building	11/26/2019	8.4	ND<1.9	15	ND<1.2	ND<3.0	ND<2.6	ND<15	ND<5.3	61	3.6	ND<3.2	ND<2.3	ND<10
B12	Management and Maintenance Building	11/26/2019	74	19	ND<2.7	ND<1.1	ND<2.7	2.4	ND<13	ND<4.8	140	ND<3.0	6.4	3.0	3.0
B18	Building 31	11/26/2019	9.2	ND<1.8	ND<2.8	ND<1.2	ND<2.8	ND<2.5	54	ND<5.1	ND<3.9	ND<3.1	ND<3.1	ND<2.2	ND<10
B20M	Building 31	11/26/2019	15	ND<1.8	9.1	ND<1.2	ND<2.8	ND<2.4	99	ND<5.0	4.3	ND<3.1	ND<3.0	ND<2.1	ND<9.7
B21	Storage Yard	11/26/2019	26	ND<1.8	ND<2.7	ND<1.1	3.1	ND<2.4	30	5.0	ND<3.8	ND<3.0	ND<3.0	ND<2.1	ND<9.6
B22	Storage Yard	11/26/2019	28	ND<1.6	ND<2.4	ND<1.0	ND<2.5	ND<2.2	59	6.1	4.9	ND<2.7	ND<2.7	ND<1.9	ND<8.7
B23	Building 45	11/26/2019	14	ND<1.7	ND<2.6	ND<1.1	3.2	ND<2.3	40	ND<4.4	4.3	ND<2.9	ND<2.9	2.0	ND<9.3
B24	Building 24	11/26/2019	16	ND<1.6	ND<2.4	ND<1.0	ND<2.5	ND<2.2	33	ND<4.4	6.1	ND<2.7	ND<2.7	2.2	ND<8.7
B25	Building 25	11/26/2019	9.3	ND<1.6	ND<2.4	1.1	2.8	ND<2.2	14	ND<4.4	ND<3.4	ND<2.7	ND<2.7	ND<1.9	ND<8.7
B26	Building 25	11/26/2019	13	ND<1.6	ND<2.4	ND<1.0	ND<2.5	ND<2.2	31	ND<4.4	ND<3.4	ND<2.7	ND<2.7	ND<1.9	ND<8.7
SFB-RWQCB Residential ESLs [1]			1.1×10^6	3.2	4.1	3,100	NL	37	NL	1.7×10^5	15	35,000	16	1,000	3,500
SFB-RWQCB Commercial ESLs [1]			4.5×10^6	14	18	13,000	NL	160	NL	7.3×10^5	67	150,000	100	44,000	15,000
DTSC Residential Screening Levels [2]			NL	48.5	NL	NL	NL	NL	NL	NL	230	500,000	1,000	155,000	NL
DTSC Commercial Screening Levels [2]			NL	420	NL	NL	NL	NL	NL	NL	2,000	4.4×10^7	24,000	1.3×10^6	NL
USEPA Residential RSLs [3]			1.6×10^6	180	60	47,000	50,000	550	105,000	2.6×10^6	5,500	2.6×10^6	240	2.6×10^6	50,000
USEPA Commercial RSLs [3]			1.4×10^7	1,600	530	390,000	440,000	4,900	880,000	2.2×10^7	47,000	2.2×10^7	3,000	2.2×10^7	440,000

[1] San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels. January 2019 (Rev. 3).
Subslab/Soil Gas Vapor Instrusion: Human Health Risk Levels (Table SG-1). Residential land use scenario
[2] DTSC Human Health Risk Assessment Note 3. Release date June 2016. Updated April 2019. Ambient air values from Table 3.
The ambient air values were divided by attenuation factors of 0.001 and 0.002 for commercial and residential land use per the DTSC's "Final, Guidance for the Evaluation and Mitigation of Subsurface Vapo to Indoor Air" dated October 2011. The ambient air value for TCE is from HERO Note 5 issued on August 23, 2014.
[3] USEPA Regional Screening Levels (RSL) for Residential Air dated November 2019. The ambient air values were divided by attenuation factors of 0.001 (commercial) and 0.002 (residential).
[4] Soil vapor samples analyzed in accordance with EPA Method No. TO-15. Only detected compounds are shown on the table.
[5] NL = No value listed for the compound.
[6] ND = Not detected above the listed detection limit.
DCDFM = dichlorodifluoromethane
IPA = isopropanol
MEK =methyl ethyl ketone
PCE = tetrachloroethene
1,1,1-TCA = 1,1,1-trichloroethane
TCE = trichloroethene

FIGURES

NOTE:

1. Base map from USGS 7.5 minute San Pedro & Torrance (dated 2018) California topographic quadrangle

0 1/2 1

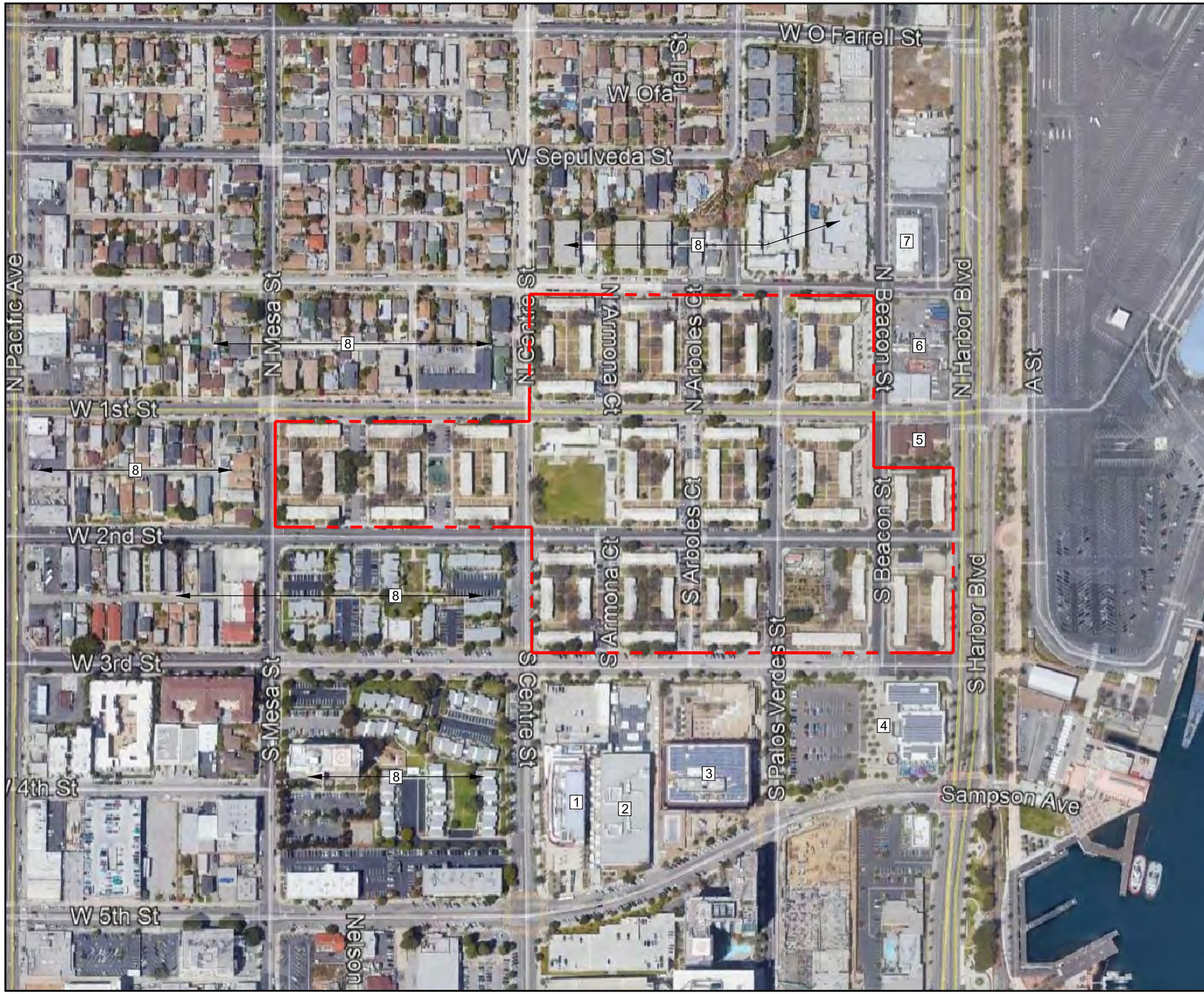
APPROXIMATE SCALE IN MILES

SITE LOCATION MAP

ONE SAN PEDRO
SAN PEDRO, CALIFORNIA

FREY ENVIRONMENTAL, INC.

CLIENT:	PROJECT No.:	DATE:
THE RICHMAN GROUP OF CLAIFORNIA	759-13	11/2019
FILE NAME: 759-13-SL.DWG	**FIGURE 1**	



LOCATION	BUSINESS ADDRESS	DESCRIPTION
SITE		
1	330 S. Centre Street	Port of L.A. Police Station
2	250 W. 5th Street	Port of L.A. High School
3	425 S. Palo Verde Street	Port of L.A. Administration Building
4	100 W. 5th Street	Port of L.A. Boys & Girls Club
5	101 S. Harbor Boulevard	Union Missionary Baptist Church
6	No Address	Storage Yard & Vacant Building
7	203 N. Harbor Boulevard	West Marine
8	Multiple Addresses	Residential Properties

SITE BOUNDARY

NOTES:

1. All locations and dimensions are approximate.
2. Site Sketch from Google Earth Aerial Photo.

0 250 500

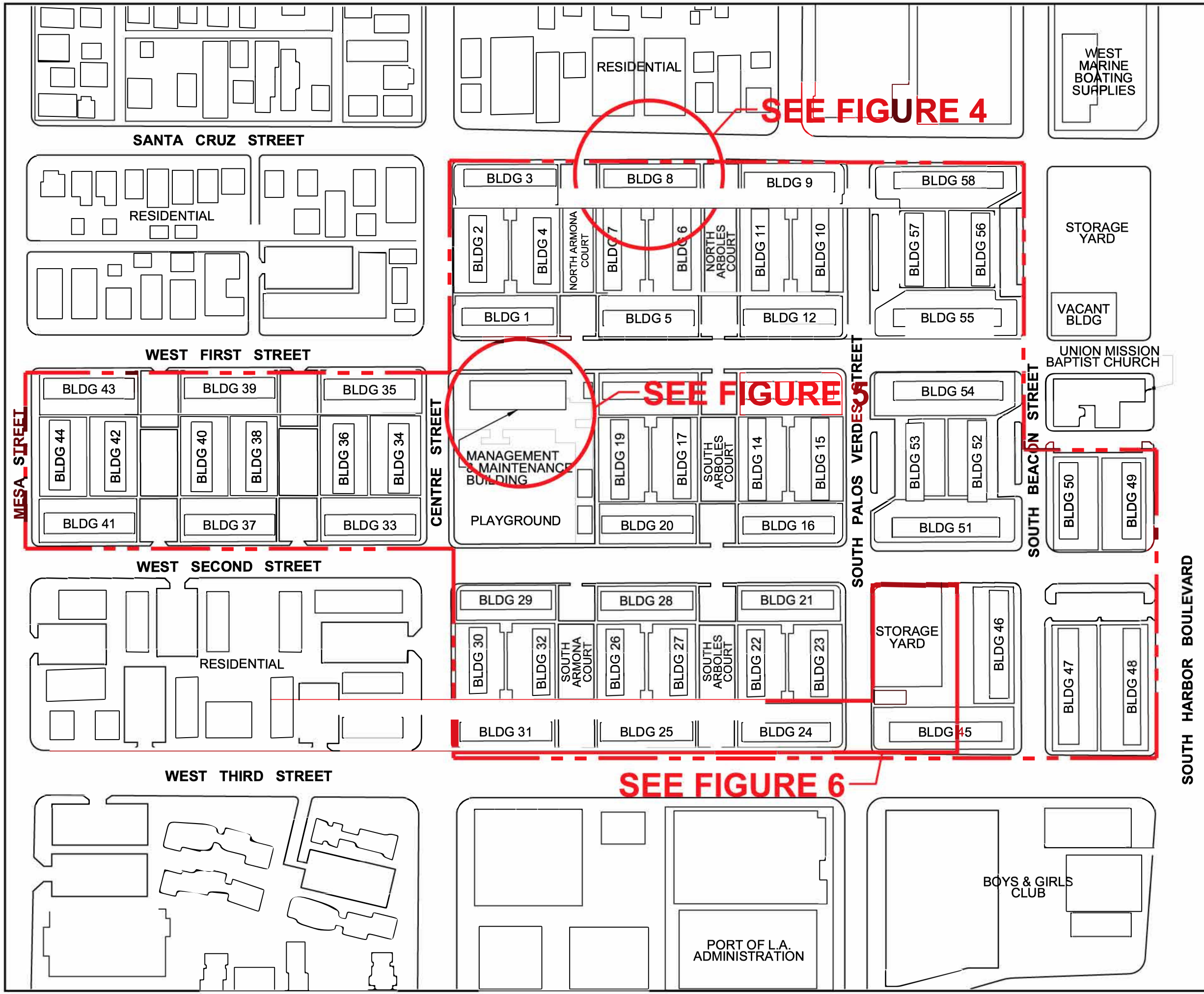
APPROXIMATE SCALE IN FEET

SITE VICINITY SKETCH

ONE SAN PEDRO
SAN PEDRO, CALIFORNIA

FREY ENVIRONMENTAL, INC.

CLIENT:	PROJECT No.:	DATE:
THE RICHMAN GROUP OF CLAIFORNIA	759-13	11/2019
FILE NAME: 759-13-VC.DWG	**FIGURE 2**	



LEGEND

- SITE BOUNDARY
- B13 — SOIL BORING LOCATION
- B11 — SOIL BORING/SOIL VAPOR PROBE LOCATION

NOTES:

1. All locations and dimensions are approximate.
2. Site Sketch from Google Earth Aerial Photo.

0 150 300

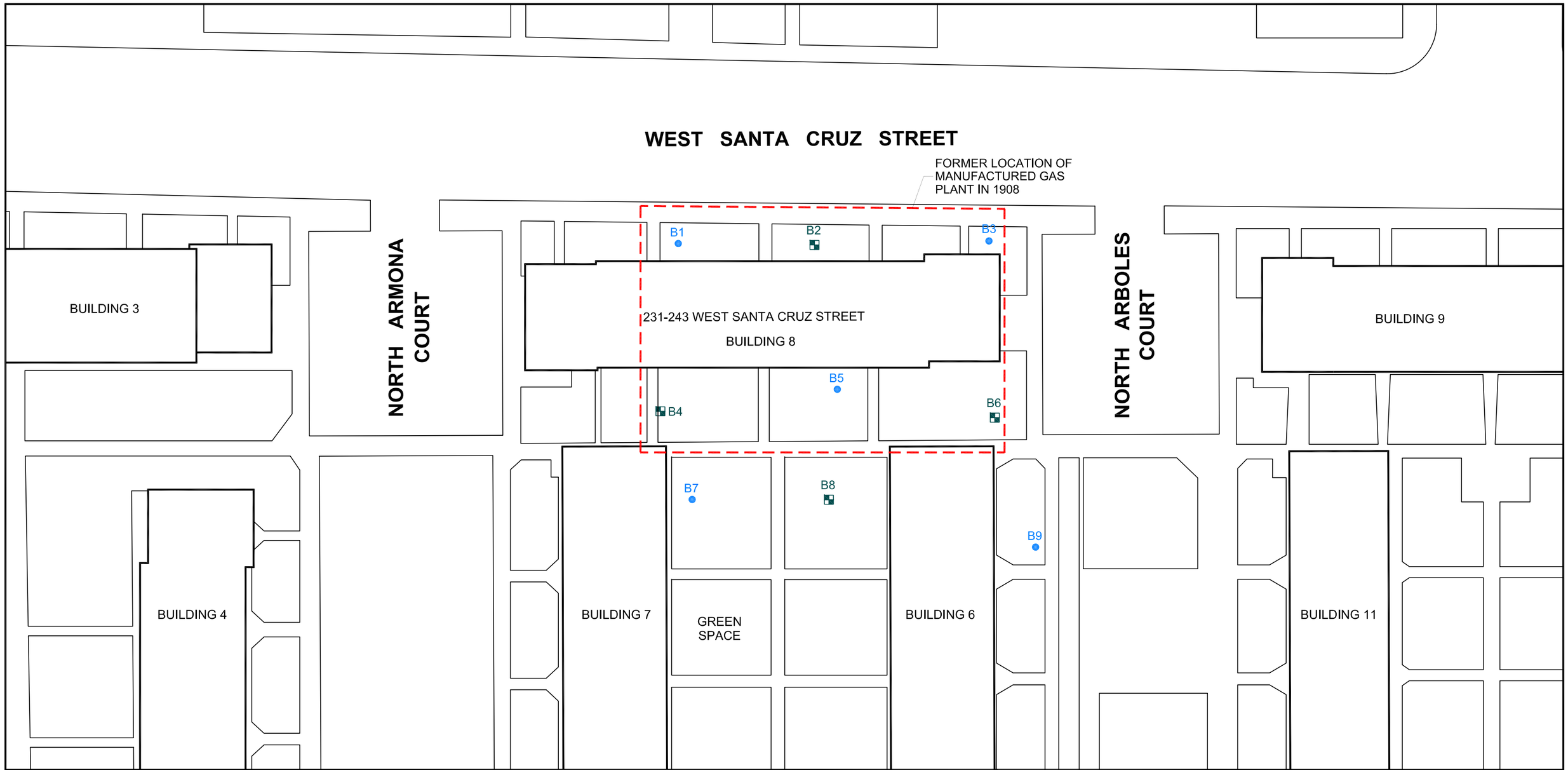
APPROXIMATE SCALE IN FEET

SITE SKETCH SHOWING AREAS OF INVESTIGATION

ONE SAN PEDRO
SAN PEDRO, CALIFORNIA

FREY ENVIRONMENTAL, INC.

CLIENT:	PROJECT No.:	DATE:
THE RICHMAN GROUP OF CLAIFORNIA	759-13	12/2019
FILE NAME: 759-13-VC3.DWG	**FIGURE 3**	



LEGEND

B13 — SOIL BORING LOCATION

B11 — SOIL BORING/VAPOR PROBE LOCATION

NOTES:

1. All locations and dimensions are approximate.
2. Site Sketch from Google Earth Aerial Photo.

0 30 60

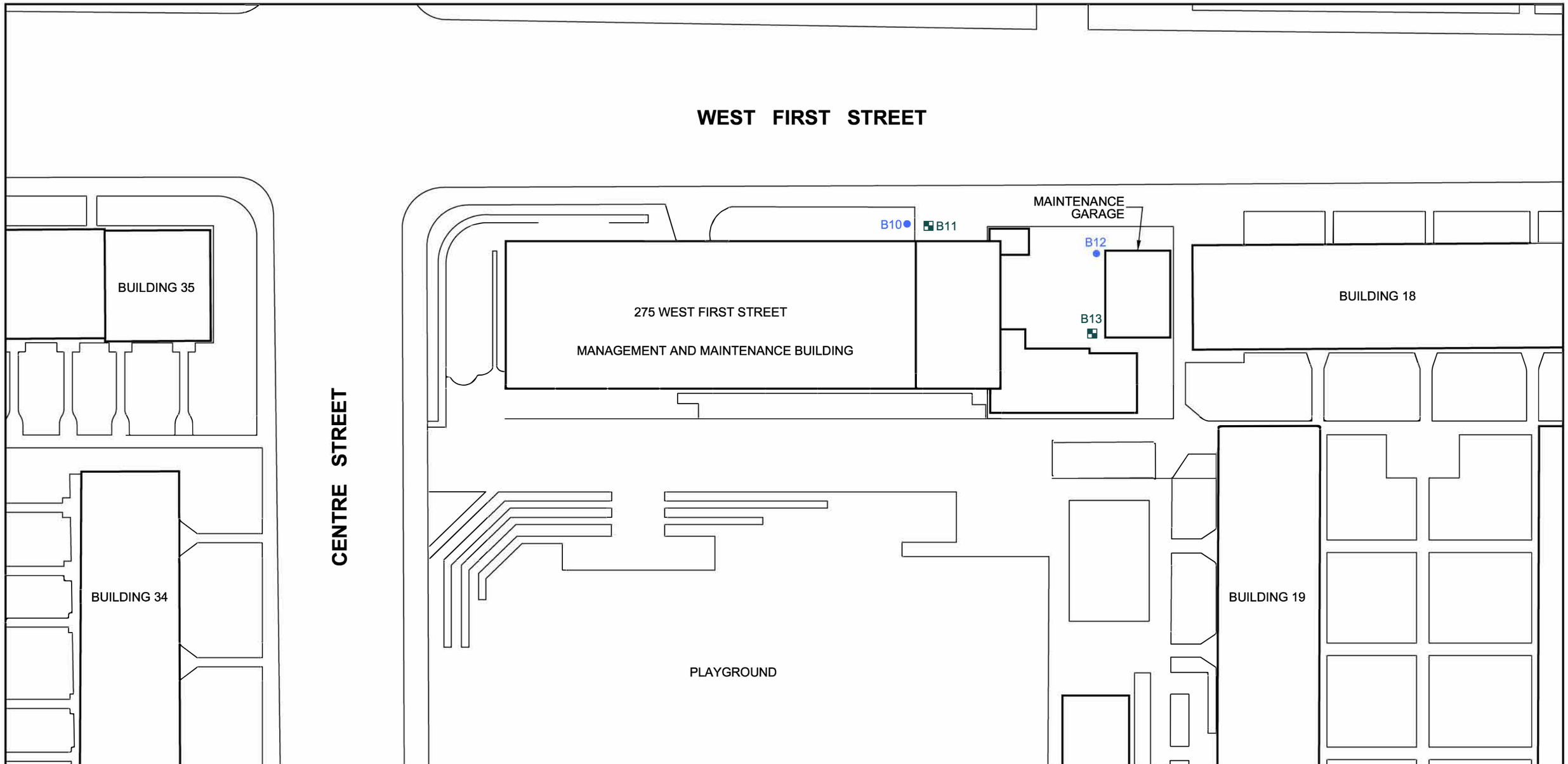
APPROXIMATE SCALE IN FEET

SITE SKETCH SHOWING SOIL BORING AND VAPOR PROBE LOCATIONS AT BUILDING 8 (FORMER LOCATION OF MANUFACTURED GAS PLANT IN 1908)

231-243 W SANTA CRUZ STREET
SAN PEDRO, CALIFORNIA

FREY ENVIRONMENTAL, INC.

CLIENT:	PROJECT No.:	DATE:
THE RICHMAN GROUP OF CLAIFORNIA	759-13	12/2019
FILE NAME: 759-13-ST2.DWG	**FIGURE 4**	



LEGEND

B13 — SOIL BORING LOCATION

B11 — SOIL BORING/VAPOR PROBE LOCATION

NOTES:

1. All locations and dimensions are approximate.
2. Site Sketch from Google Earth Aerial Photo.

0 30 60

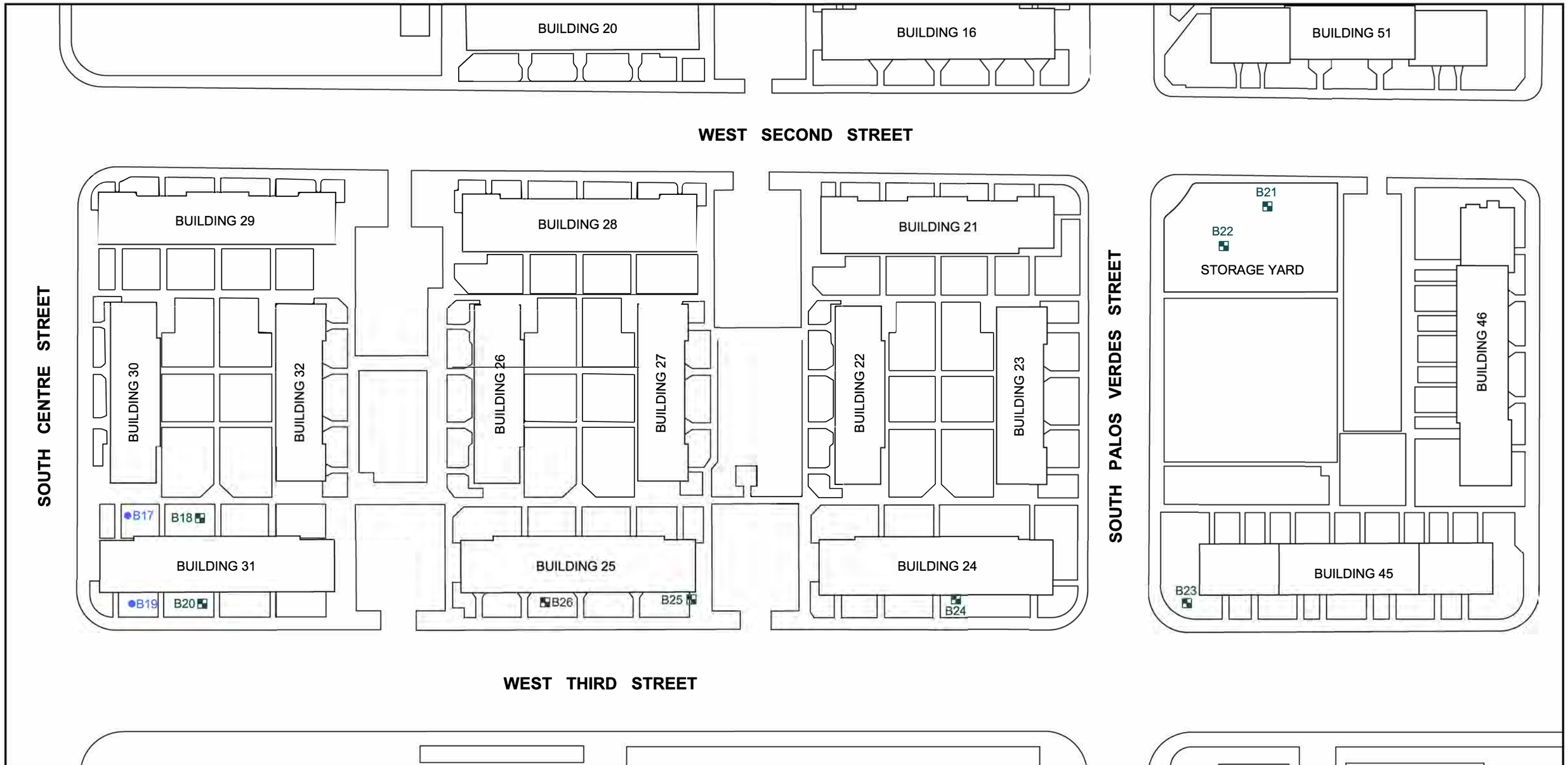
APPROXIMATE SCALE IN FEET

SITE SKETCH SHOWING SOIL BORING AND VAPOR PROBE LOCATIONS AT THE MANAGEMENT AND MAINTENANCE BUILDING

275 W 1ST STREET
SAN PEDRO, CALIFORNIA

FREY ENVIRONMENTAL, INC.

CLIENT:	PROJECT No.:	DATE:
THE RICHMAN GROUP OF CLAIFORNIA	759-13	12/2019
FILE NAME: 759-13-ST2.DWG	FIGURE 5	



LEGEND

B13 ● SOIL BORING LOCATION

B11 ■ SOIL BORING/VAPOR PROBE LOCATION

NOTES:

1. All locations and dimensions are approximate.
2. Site Sketch from Google Earth Aerial Photo.

0 60 120

APPROXIMATE SCALE IN FEET

SITE SKETCH SHOWING SOIL BORING AND VAPOR PROBE LOCATIONS AT BUILDINGS 24, 25, 31 AND 45 AND AT THE STORAGE YARD

120-274 W 3RD STREET
SAN PEDRO, CALIFORNIA

FREY ENVIRONMENTAL, INC.

CLIENT:	PROJECT No.:	DATE:
THE RICHMAN GROUP OF CLAIFORNIA	759-13	12/2019
FILE NAME: 759-13-ST2.DWG	**FIGURE 6**	

APPENDIX A

LACDPH PERMITS

ENVIRONMENTAL HEALTH

Drinking Water Program

5050 Commerce Drive, Baldwin Park, CA 91706
Telephone: (626) 430-5420 • http://publichealth.lacounty.gov/eh/ep/dw/dw_main.htm

COUNTY OF LOS ANGELES
Public Health

Work Plan Approval

WORK SITE ADDRESS	CITY	ZIP	EMAIL ADDRESS
275 West First Street	San Pedro	90731	evanprivett@freyinc.com

NOTICE:

- WORK PLAN APPROVALS ARE VALID FOR 180 DAYS. 30 DAY EXTENSIONS OF WORK PLAN APPROVALS ARE CONSIDERED ON AN INDIVIDUAL (CASE-BY-CASE) BASIS AND MAY BE SUBJECT TO ADDITIONAL PLAN REVIEW FEES (HOURLY RATE AS APPLICABLE).
- WORK PLAN MODIFICATIONS MAY BE REQUIRED IF WELL AND GEOLOGIC CONDITIONS ENCOUNTERED AT THE SITE INSPECTION ARE FOUND TO DIFFER FROM THE SCOPE OF WORK PRESENTED TO THE DEPARTMENT OF PUBLIC HEALTH—DRINKING WATER PROGRAM.
- WORK PLAN APPROVALS ARE LIMITED TO COMPLIANCE WITH THE CALIFORNIA WELL STANDARDS AND THE LOS ANGELES COUNTY CODE AND DOES NOT GRANT ANY RIGHTS TO CONSTRUCT, RENOVATE, OR DECOMMISSION ANY WELL. THE APPLICANT IS RESPONSIBLE FOR SECURING ALL OTHER NECESSARY PERMITS SUCH AS WATER RIGHTS, PROPERTY RIGHTS, COASTAL COMMISSION APPROVALS, USE COVENANTS, ENCROACHMENT PERMISSIONS, UTILITY LINE SETBACKS, CITY/COUNTY PUBLIC WORKS RIGHTS OF WAY, ETC.
- THIS PERMIT IS NOT COMPLETE UNTIL ALL OF THE FOLLOWING REQUIREMENTS ARE SIGNED BY THE DEPUTY HEALTH OFFICER. WORK SHALL NOT BE INITIATED WITHOUT A WORK PLAN APPROVAL STAMPED BY THE DEPARTMENT OF PUBLIC HEALTH—DRINKING WATER PROGRAM.

TO BE COMPLETED BY DEPARTMENT OF PUBLIC HEALTH—DRINKING WATER PROGRAM:

X	WORK PLAN APPROVED FOR: 4 Soil Boring/Exp. Hole	**PERMIT NUMBER:**	SR0205709	**DATE:**	December 5, 2019

ADDITIONAL APPROVAL CONDITIONS:

- Work plan approval is issued for scope of work submitted to the Drinking Water Program. Any modifications to the scope of work will require additional work plan review.
- As discussed, please ensure the boring/exploration hole is backfilled within 24 hours of boring construction.
- Ensure to backfill using a tremie pipe under pressure or equivalent equipment with approved cement grout, proceeding upward from the bottom of the boring/exploration hole.
- Ensure soil borings are sealed per California Well Standards 74-90
  - Cement grout mix ratio of 5-6 gallons of water per 94-pound bag of Portland cement.
  - Up to 6% of Bentonite may be added to the cement-based mix.
  - No hydrated Bentonite chips
- Borings/Exploration holes must comply with all applicable requirements published in the California Well Standards (Bulletins 74-81 and 74-90) and the Los Angeles County Code, Title 11.
- Follow the Advisory Active Soil Gas Investigations July 2015: Cal EPA, DTSC, LA RWQCB and San Francisco RWQCB.

Please note: We no longer allow soil vapor probes to be installed into a ground water sample boring or borings extended into ground water.

APPROVED BY:

Teri Hachey, REHS
26415 Carl Boyer Dr.
Santa Clarita, Ca 91350
(661) 287-7017

Teri Hachey

5770

ENVIRONMENTAL HEALTH

Drinking Water Program

5050 Commerce Drive, Baldwin Park, CA 91706
Telephone: (626) 430-5420 • Facsimile: (626) 813-3013 • Email: waterquality@ph.lacounty.gov
http://publichealth.lacounty.gov/eh/ep/dw/dw_main.htm

SR0205710
245 Santa Cruz Street, San Pedro, CA 90731
Work Plan Approval

WORK SITE ADDRESS	CITY	ZIP	EMAIL ADDRESS FOR WELL PERMIT APPROVAL
245 Santa Cruz Street	San Pedro	90731	evanprivett@freyinc.com

NOTICE:

- WORK PLAN APPROVALS ARE VALID FOR 180 DAYS. 30 DAY EXTENSIONS OF WORK PLAN APPROVALS ARE CONSIDERED ON AN INDIVIDUAL (CASE-BY-CASE) BASIS AND MAY BE SUBJECT TO ADDITIONAL PLAN REVIEW FEES (HOURLY RATE AS APPLICABLE).
- WORK PLAN MODIFICATIONS MAY BE REQUIRED IF WELL AND GEOLOGIC CONDITIONS ENCOUNTERED AT THE SITE INSPECTION ARE FOUND TO DIFFER FROM THE SCOPE OF WORK PRESENTED TO THE DEPARTMENT OF PUBLIC HEALTH—DRINKING WATER PROGRAM.
- WORK PLAN APPROVALS ARE LIMITED TO COMPLIANCE WITH THE CALIFORNIA WELL STANDARDS AND THE LOS ANGELES COUNTY CODE AND DOES NOT GRANT ANY RIGHTS TO CONSTRUCT, RENOVATE, OR DECOMMISSION ANY WELL. THE APPLICANT IS RESPONSIBLE FOR SECURING ALL OTHER NECESSARY PERMITS SUCH AS WATER RIGHTS, PROPERTY RIGHTS, COASTAL COMMISSION APPROVALS, USE COVENANTS, ENCROACHMENT PERMISSIONS, UTILITY LINE SETBACKS, CITY/COUNTY PUBLIC WORKS RIGHTS OF WAY, ETC.
- THIS PERMIT IS NOT COMPLETE UNTIL ALL OF THE FOLLOWING REQUIREMENTS ARE SIGNED BY THE DEPUTY HEALTH OFFICER. WORK SHALL NOT BE INITIATED WITHOUT A WORK PLAN APPROVAL STAMPED BY THE DEPARTMENT OF PUBLIC HEALTH—DRINKING WATER PROGRAM.
- ***ONCE APPROVED NOTIFY INSPECTOR AT ytaye@ph.lacounty.gov PREFERABLY 3 BUSINESS DAYS BEFORE WORK IS SCHEDULED TO BEGIN.***

WORK PLAN APPROVED (9 soil borings) **DATE: November 27, 2019**

ADDITIONAL APPROVAL CONDITIONS:

- Work plan approval is issued for scope of work submitted to the Drinking Water Program. Any modifications to the scope of work will require additional work plan review.
- Exploration holes must comply with all applicable requirements published in the California Well Standards (Bulletins 74-81 and 74-90), Los Angeles County Code and all other applicable laws.

REHS NO. 7115

Yonas Taye, REHS

□ ANNULAR SEAL FINAL INSPECTION REQUIRED	□ WELL COMPLETION LOG REQUIRED
DATE ACCEPTED: REHS signature	DATE ACCEPTED: REHS signature

□ WATER QUALITY—BACTERIOLOGICAL STANDARDS REQUIRED	□ WATER QUALITY—CHEMICAL STANDARDS REQUIRED
DATE ACCEPTED: REHS signature	DATE ACCEPTED: REHS signature

□ WATER SUPPLY YIELD REQUIRED	□ OTHER REQUIREMENT
DATE ACCEPTED: REHS signature	DATE ACCEPTED: REHS signature

APPENDIX B

GEOPHYSICAL SURVEY

SubSurface Surveys
An Applied Geophysical Company

2075 Corte Del Nogal, Suite W
Carlsbad, California 92011
Office: 760-476-0492
Fax: 760-476-0493

Frey Environmental, Inc.
Attn: Evan Privett
2817A Lafayette Avenue
Newport Beach, California 92663-3715

November 27th, 2019

Subject: Geophysical Survey
275 W 1st Street
San Pedro, California

Project Number: 19-473

This report is to present the results of our geophysical survey carried over portions of property located at 275 West 1st Street and 239 West Santa Cruz Street in San Pedro, California (Figure 1), on November 15th, 2019. Purpose of the survey was to locate and identify, insofar as possible, the existence of any underground storage tanks (USTs), backfilled excavations, piping, conduit, and other buried features that may exist at 275 West 1st Street. A secondary purpose was to locate and identify, insofar as possible, piping, conduit, and other underground utilities that may exist in the vicinity of sixteen (16) specific locations for guidance in future drilling activities.

A combination of electromagnetic induction (EM), magnetometry, and ground penetrating radar (GPR) were applied to the search. A utility locator with line tracing capabilities was also brought to the field and used where risers exist onto which a signal could be impressed and traced.

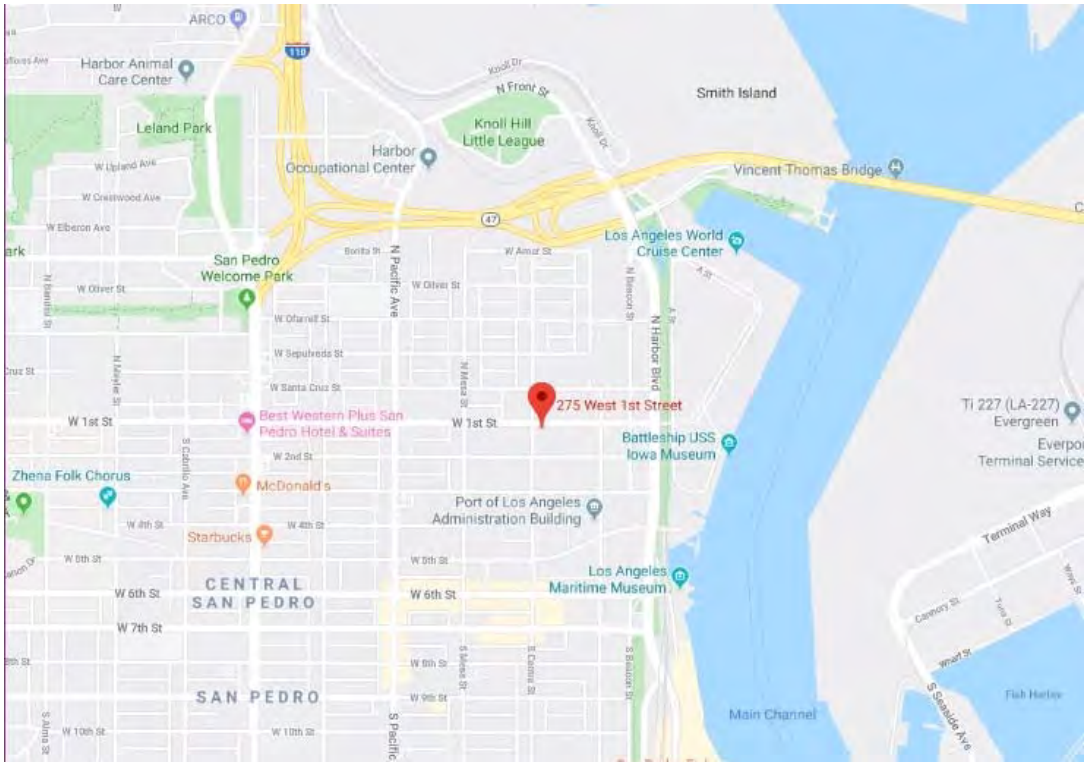


FIGURE 1 –Site Location Map (Map data ©2019 Google)

Survey Design – The areas to be surveyed, along with the specific borehole locations, were indicated in the field by the client. The EM61 and GPR were traversed in a reconnaissance mode over designated portions of 275 West 1st Street, to determine if more specific target areas existed. Once these areas, if any, were established, the magnetic gradiometer, line tracer, M-Scope and GPR were traversed systematically in many directions. Additional traverses were taken, access permitting, for detailing and confirmation where anomalous conditions were found. Multiple GPR profiles were also collected throughout the area and in specific areas for confirmation where other instruments detected anomalies. The line tracer was also used to trace out all detectable utilities in the area.

Additionally, these instruments were traversed systematically over each proposed borehole, positioned by the client, along the eight lines of the standard search pattern (Figure 2), wherein, there are two sets of three parallel lines, mutually orthogonal, and two diagonals, all centered on the marked drill location. Adjacent parallel lines are approximately 5 feet apart, and each line is approximately 20 feet long, access permitting. Other traverses were taken, access permitting, for detailing and confirmation where anomalous conditions were found.

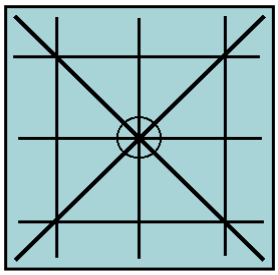


Figure 2: Standard search pattern around borehole

Hard copy of the EM data was not acquired, that is, discrete readings on the nodes of a grid were not recorded that could be put into a contoured map format. Rather, the instruments' meters were read continuously, and in real-time, during each traverse. This free-traversing method allowed for immediate detection of anomalous objects and facilitated the opportunity to investigate them further, without first having to download data in the office. The lack of hard copy for EM data sets does not degrade the quality of the survey in any way. Hard copy merely provides a basis for report documentation of these geophysical fields, if such documentation is needed.

The line tracers were used to impress signals onto pipes, generally through accessible risers and tracer wires when present, to delineate the lines' locations and orientations. The instruments were also used in passive mode, configured to detect 60 Hz electrical signals and other common radio-frequency signals.

A Geonic's model EM61 and a Fischer M-Scope was used for the EM sampling. A Sensors and Software Noggin Ground Penetrating Radar unit with a 500 MHz antenna produced the radar images. The magnetic gradiometer was a Schonstedt GA-52, and a Metrotech 9890 and RIDGID SR-60 SeekTech utility locator rounded out the tools applied.

Brief Description of the Geophysical Methods Applied - The line locator is used to passively detect energized high voltage electric lines and electrical conduit (50-60 Hz), VLF signals (14-22 kHz), as well as to actively trace other utilities. Where risers are present, the utility locator transmitter can be connected directly to the object, and a signal (9.8-82 kHz) is sent traveling along the conductor, pipe, conduit, etc. In the absence of a riser, the transmitter can be used to impress an input signal on the utility by induction. In either case, the receiver unit is tuned to the input signal, and is used to actively trace the signal along the pipe's surface projection.

The magnetic gradiometer has two flux gate magnetic fixed sensors that are passed closely to and over the ground. When not in close proximity to a magnetic object, that is, only in the earth's field, the instrument emits a sound signal at a low frequency. When the instrument passes over a buried iron or steel object, so that locally there is a high magnetic gradient, the frequency of the emitted sound increases. The frequency is a function of the gradient between the two sensors.

The GPR instrument beams energy into the ground from its transducer/antenna, in the form of electromagnetic waves. A portion of this energy is reflected back to the antenna at a boundary in the subsurface across which there is an electrical contrast. The instrument produces a continuous record of the reflected energy as the antenna is traversed across the ground surface. The greater the electrical contrast, the higher the amplitude of the returned energy. The radar wave travels at a velocity unique to the material properties of the ground being investigated, and when these velocities are known, the two-way travel times can be converted to depth. The depth of penetration and image resolution produced are a function of ground electrical conductivity and dielectric constant.

The EM61 instrument is a high resolution, time-domain device for detecting buried conductive objects. It consists of a powerful transmitter that generates a pulsed primary magnetic field when its coils are energized, which induces eddy currents in nearby conductive objects. The decay of the eddy currents, following the input pulse, is measured by the coils, which in turn serve as receiver coils. The decay rate is measured for two coils, mounted concentrically, one above the other. By making the measurements at a relatively long time interval (measured in milliseconds) after termination of the primary pulse, the response is nearly independent of the electrical conductivity of the ground. Thus, the instrument is a super-sensitive metal detector. Due to its unique coil arrangement, the response curve is a single well-defined positive peak directly over a buried conductive object. This facilitates quick and accurate location of targets.

The M-Scope device energizes the ground by producing an alternating primary magnetic field with AC current in a transmitting coil. If conducting materials are within the area of influence of the primary field, AC eddy currents are induced to flow in the conductors. A receiving coil senses the secondary magnetic field produced by these eddy currents, and outputs the response to a meter in the form of ground conductivity values for the M-Scope. The strength of the secondary field is a function of the conductivity of the object, say a pipe, tank or cluster of drums, its size, and its depth and position relative to the instrument's two coils. Conductive objects, to a depth of approximately 7 feet for the M-Scope are sensed. The devices are also somewhat focused; that is, they are more sensitive to conductors below the instrument than they are to conductors off to the side.

Interpretation and Conclusions - The interpretation took place in real time as the survey progressed, and accordingly, the findings of our investigation were marked on the ground cover with spray chalk paint and further documented with site photographs (Figures 3-24).

Piping and utilities detected during the survey were marked with spray chalk paint on the ground cover using green for sanitary sewer/storm drain, blue for water, red for electric, yellow for gas and white for lines of unknown utility type.

Please note that nearby building structures, fencing, walls and other aboveground features not only limited full and complete traverses, but these objects also cause interferences to the EM and magnetic instruments. However, during the reconnaissance phase there were no anomalous features suggestive of an underground storage tank or a backfilled excavation.

Once all detectable buried cultural objects were marked and accounted for, our findings were discussed with the client, at the conclusion of the survey. The boreholes were then marked cleared by Subsurface Surveys and

Associates with a white circle and a yellow "SSS". Please refer to the photographs along with the markings in the field for a better representation of our findings.

Limitations and Further Recommendations - It should be understood that limitations inherent in geophysical instruments and/or surveying techniques exist at all sites, and nearly all sites exhibit conditions under which instruments might not perform optimally. Consequently, the detection of buried objects in all circumstances **cannot be guaranteed**. Such limitations are numerous and include, but are not limited to, rebar-reinforced ground cover, abrupt changes in ground cover type, above-ground obstacles preventing full traverses or traverses in one direction only, above-ground conductive objects interfering with instrument signal, nearby powerlines or EM transmitters, highly conductive background soil conditions, limiting GPR penetration, non-metallic targets, shallower or larger objects shielding deeper or smaller targets, tracing signal jumping from one line to another, and inaccessible risers, cleanouts, valve boxes, and manholes. If one or more geophysical instrument is rendered ineffective and cannot be utilized, the quality of the survey can be somewhat degraded.

For the above reasons, and in the interest of maximum safety, we encourage our clients to take advantage of Underground Service Alert (USA), Dig Alert, or other similar services, when possible. Furthermore, we recommend hand-auguring and the use of a drilling method known as air knifing and vacuum extraction, when feasible or if applicable to this project. These methods may significantly limit damage to underground pipes, conduits, and utilities that might not have been detectable during the course of this survey. Please bear in mind, that geophysical surveying is only one of several levels of protection that is available to our clients.

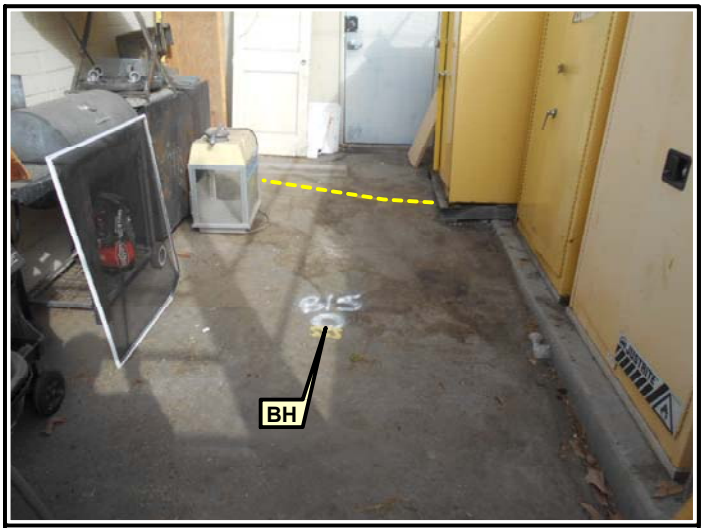
SubSurface Surveys may include maps in some reports. While they are an accurate general representation of the site and our findings, they are not of engineering quality (i.e., measured and mapped by a licensed land surveyor).

SubSurface Surveys and Associates makes no guarantee either expressed or implied regarding the accuracy of the findings and interpretations present. And, in no event will SubSurface Surveys and Associates be liable for any direct, indirect, special, incidental, or consequential damages resulting from interpretations and opinions presented herewith.

All data acquired in these surveys are in confidential file in this office, and are available for review by your staff, or by us at your request, at any time. We appreciate the opportunity to participate in this project. Please call, if there are questions.

Bret Herman
Staff Geophysicist

Travis Crosby, GP# 1044
California State Geophysics Registration GP1044
Senior Geophysicist, SubSurface Surveys



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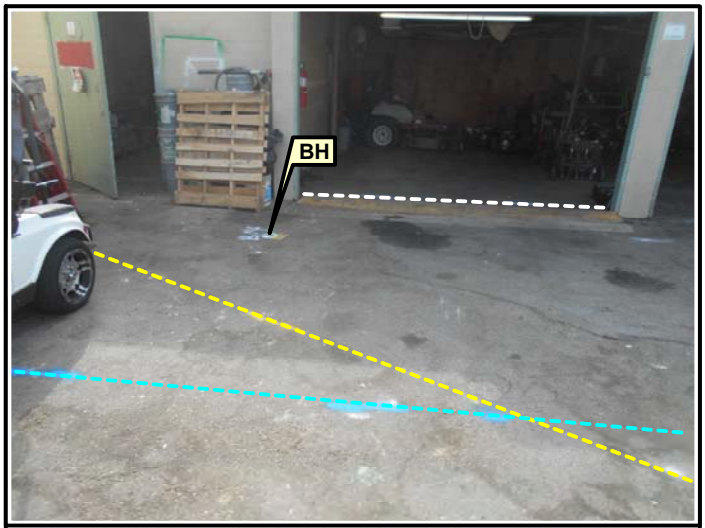

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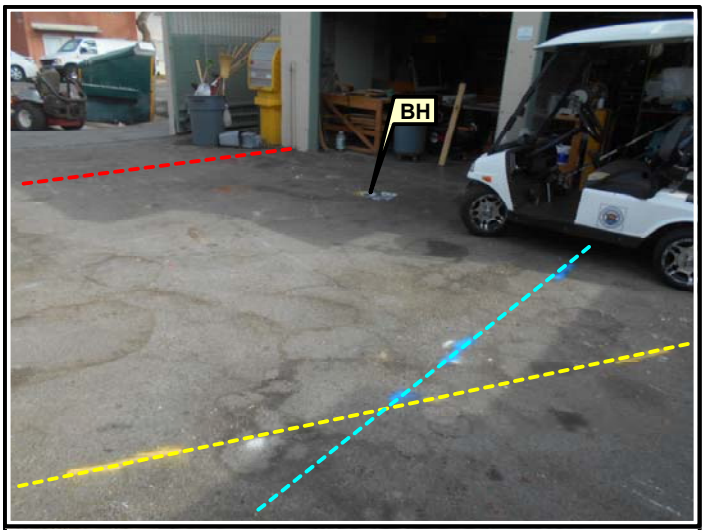

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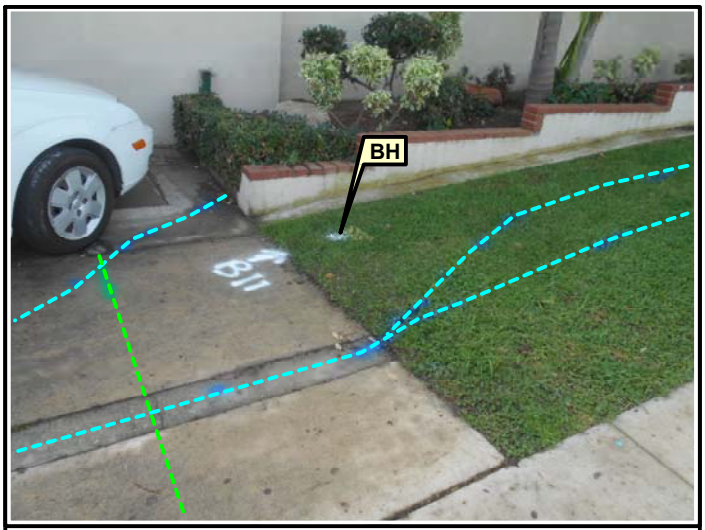

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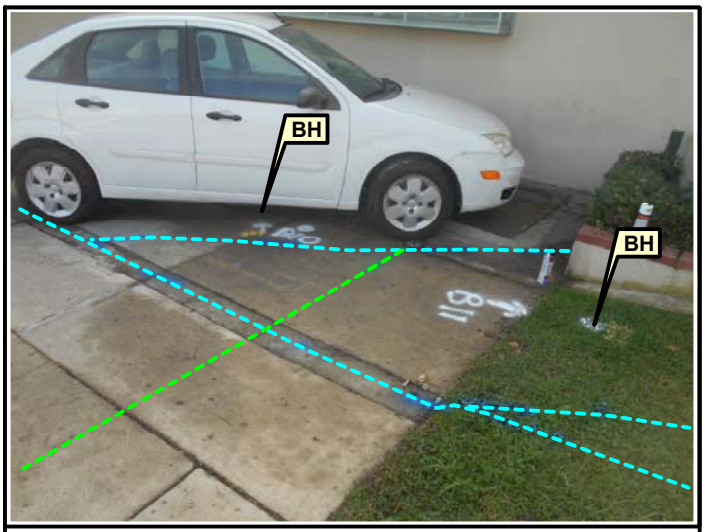

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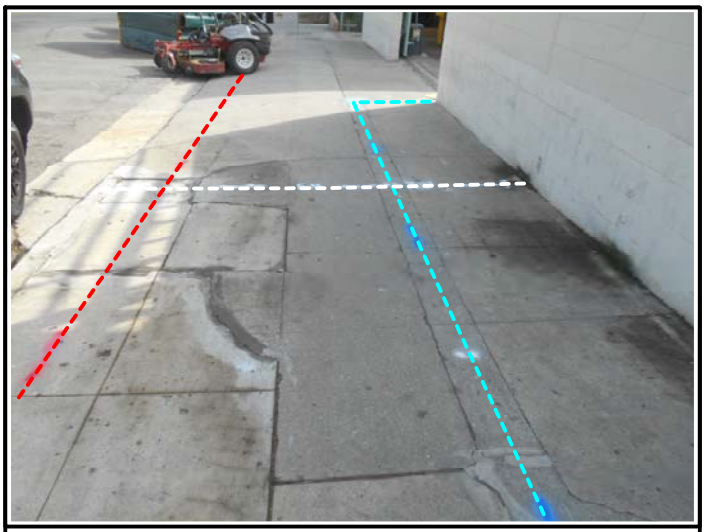


Figure 8

Sub Surface Surveys	SITE: **275 W 1st Street** **San Pedro, California**	TITLE: **Site Photographs**	SURVEY DATE: **November 15th, 2019**
		PREPARED FOR: **Frey Environmental**	SSS PROJECT NO: **19-473**

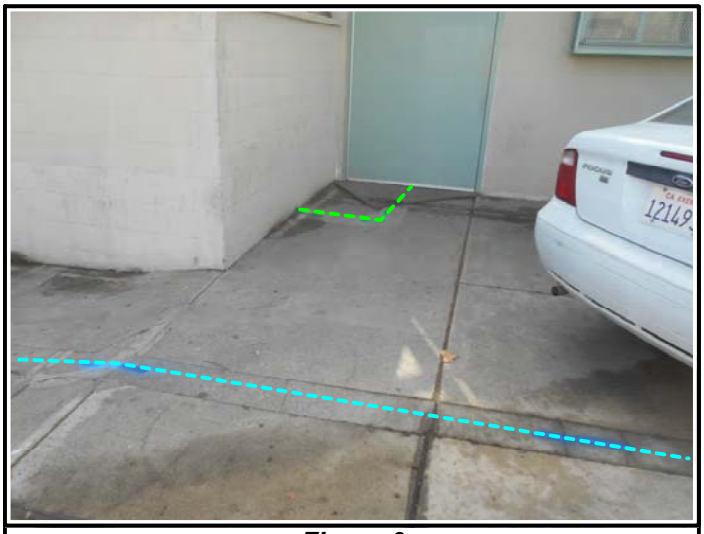


Figure 9

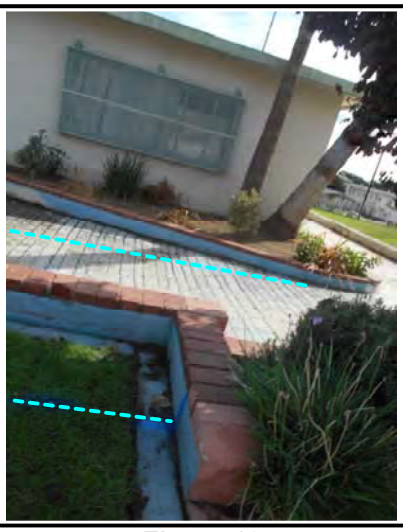
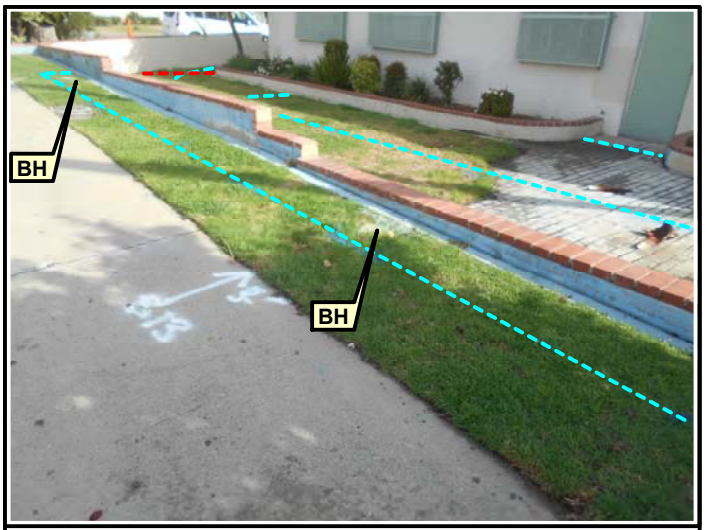


Figure 10



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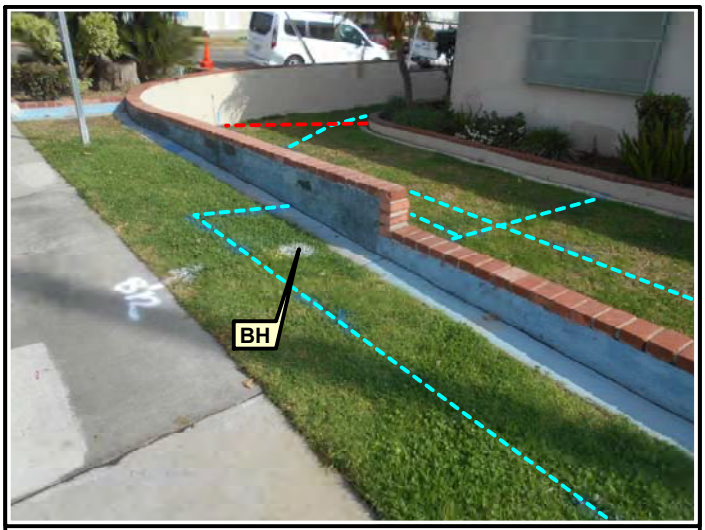

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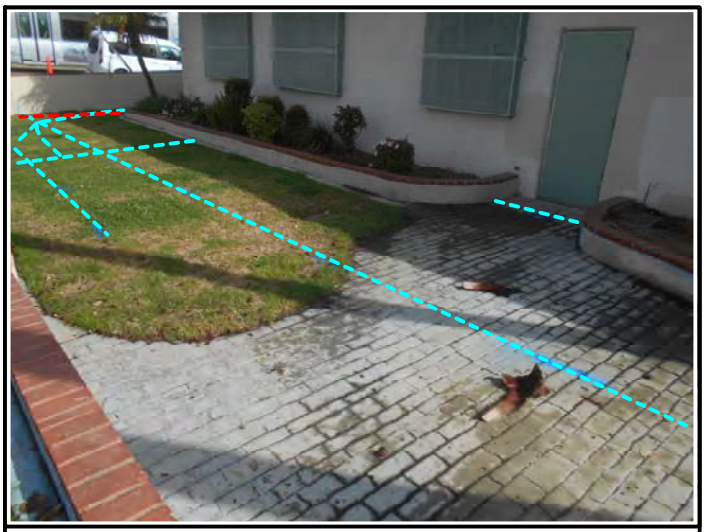
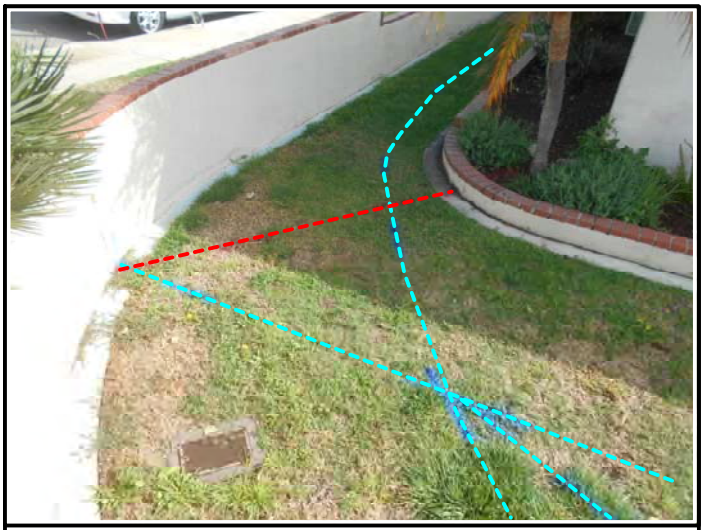


Figure 13

Figure 14

Sub Surface Surveys	SITE: **275 W 1st Street** **San Pedro, California**	TITLE: **Site Photographs**	SURVEY DATE: **November 15th, 2019**
		PREPARED FOR: **Frey Environmental**	SSS PROJECT NO: **19-473**



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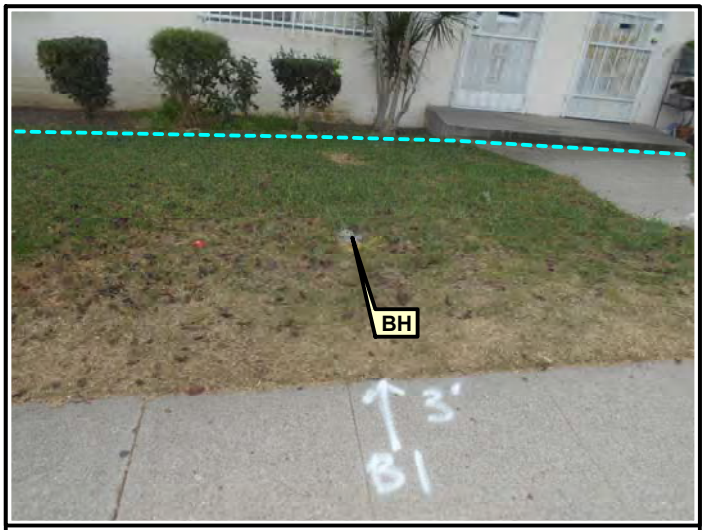


Figure 16

Figure 17

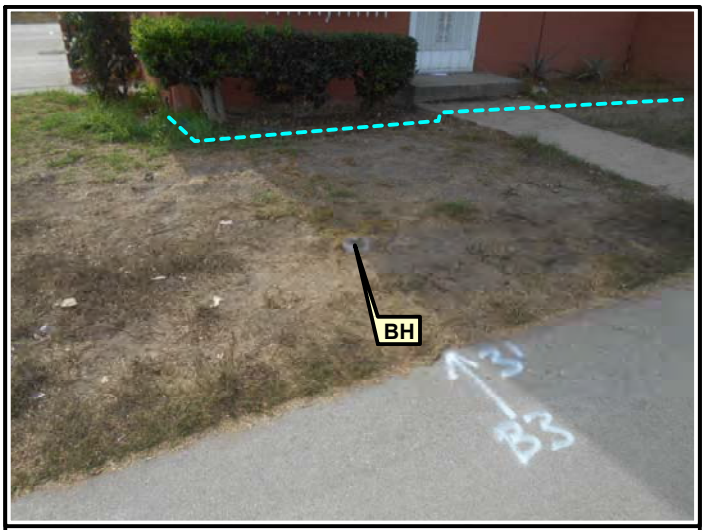


Figure 18

Figure 19

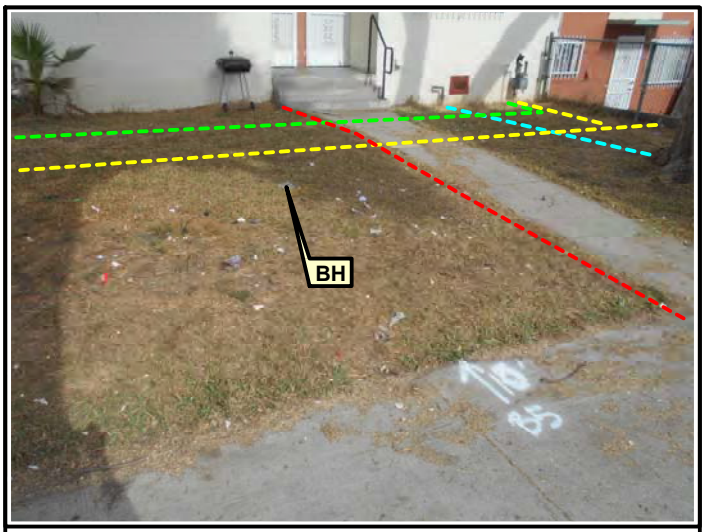


Figure 20

Sub Surface Surveys	SITE: **275 W 1st Street** **San Pedro, California**	TITLE: **Site Photographs**	SURVEY DATE: **November 15th, 2019**
		PREPARED FOR: **Frey Environmental**	SSS PROJECT NO: **19-473**

Figure 21

Figure 22

Figure 23

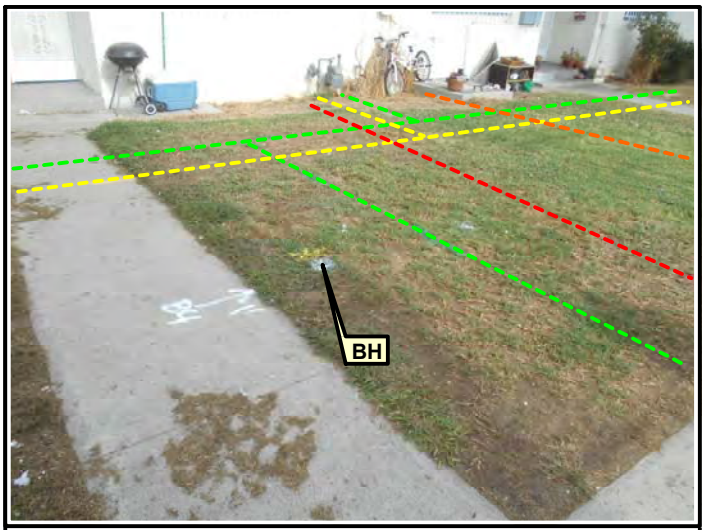


Figure 24

NO PHOTO

NO PHOTO

Sub Surface Surveys	SITE: **275 W 1st Street** **San Pedro, California**	TITLE: **Site Photographs**	SURVEY DATE: **November 15th, 2019**
		PREPARED FOR: **Frey Environmental**	SSS PROJECT NO: **19-473**

APPENDIX C

FIELD PROCEDURES

APPENDIX C
FIELD PROCEDURES

C.1 HAND AUGER DRILLING AND SAMPLING PROCEDURES

1. Hand auger soil borings were drilled with a hand operated auger with a 3.5-inch diameter auger.

2. At each sample collection depth, a laboratory supplied 8-ounce glass jar was also collected directly from the hand auger bucket.

3. Each soil sample was labeled with the time and date of collection, FREY project number, boring number and depth of sample.

4. The soil remaining in the sampler was used for lithologic description. Soil descriptions, sample type and depth, and related drilling information were recorded on a boring log under the direction of a State-Registered Geologist from FREY Environmental, Inc.

5. Soil samples were placed in an ice chest cooled with ice.

6. The samples were delivered to the laboratory following collection. Sample handling, transport, and delivery to the laboratory were documented using Chain-of-Custody procedures, including the use of Chain-of-Custody forms.

C.2 DIRECT-PUSH SOIL BORING PROCEDURES

1. Direct push soil borings were advanced with a Geoprobe 6610, track or truck-mounted, hydraulic direct-push rig.

2. Soil samples were collected using a 1-inch diameter split spoon sampler.

3. The samplers were cleaned by FREY personnel between sample intervals using a brush and tap water followed by a brush and TSP solution, a tap water rinse, and deionized water rinse. The samplers were dried by air or with a towel prior to sampling.

4. In selected borings, various soil samples were collected in accordance with EPA 5035B procedures. Approximately 5 grams of soil was transferred directly from the sampler shoe into each of three 40 milliliter VOAs supplied by the laboratory.

5. After EPA 5035B soil sampling, the acetate liner was removed from the split spoon sampler. An approximate 6-inch long section of acetate liner was cut and capped with air tight PVC caps.

6. The soil remaining in the sampler was used for lithologic description. Soil descriptions, sample type and depth, and related drilling information were recorded on a boring log under the direction of a State-Registered Geologist from FREY Environmental, Inc.

7. Soil samples were placed in an ice chest cooled with ice.

8. The samples were delivered to the laboratory following collection. Sample handling, transport, and delivery to the laboratory were documented using Chain-of-Custody procedures, including the use of Chain-of-Custody forms.

C.3 SOIL VAPOR PROBE INSTALLATION

1. Single soil vapor probes were installed in their respective borings and constructed of 0.25-inch diameter Nylaflow tubes.

2. The vapor sample port was set at approximately 4.5 feet bgs.

3. The vapor implant was encased in screen washed 8x20 mesh Monterey sand. Sand backfill material was placed to a depth of 0.5 feet above and below of each vapor implant.

4. One foot of dry bentonite granules was placed on top of each sandpack interval.

5. Hydrated bentonite crumbles extended to approximately 6-inches below grade.

6. The top of each vapor probe implant was completed with a traffic rated wellbox.

APPENDIX D

BORING LOGS

Date drilled/completed	November 20, 2019	Boring depth	Approx. 30 feet BGS
Geologist	S. Jones	Initial depth to water	Not Encountered
Drilling equipment	Geoprobe 6610DT	Static depth to water	Not Encountered
Surface elevation	Approx. 55 feet MSL	Well screen depth	Not Applicable
Top of casing elevation	Not Applicable	Borehole Diameter	2-inches

Depth	EPA Method 8015B TPH C6-C44 (mg/kg)	Headspace (ppm)	Well Construction Detail	Sample Type	Blow Counts	Sample No.	Graphic Log	U.S.C.S. Classification	Description	Remarks
0									Grass Surface	Hand Auger to 5 feet BGS
1	ND<5.0	**<1.0**				1		SW	Light orange brown, damp, fine to coarse grained SAND with minor Gravel	
2										
3	5.9	**<1.0**				3				
4										
5	14	**<1.0**				5				No Odors
6										
7										
8										
9										
10	ND<4.9	**<1.0**				10		SP	Light brown, damp, fine grained SAND	
11										
12										
13										
14										
15	ND<5.0	**<1.0**	Hydrated Bentonite Crumbles			15				
16										
17										
18										
19										
20		**<1.0**				20				
21										
22										
23										
24										
25		**<1.0**				25				
26										
27										
28										
29										
30		**<1.0**				30			Bottom of boring at 30 feet BGS	
31										

Project Name	**ONE SAN PEDRO**	Log of Boring	Figure No.
Project Number	**759-13**	**B1**	1

Date drilled/completed	November 20, 2019	Boring depth	Approx. 30 feet BGS
Geologist	S. Jones	Initial depth to water	Not Encountered
Drilling equipment	Geoprobe 6610DT	Static depth to water	Not Encountered
Surface elevation	Approx. 55 feet MSL	Well screen depth	Not Applicable
Top of casing elevation	Not Applicable	Borehole Diameter	2-inches

Depth	EPA Method 8015B TPH C6-C44 (mg/kg)	Headspace (ppm)	Well Construction Detail	Sample Type	Blow Counts	Sample No.	Graphic Log	U.S.C.S. Classification	Description	Remarks
0									Grass Surface	Hand Auger to 5 feet BGS
1	12	<1.0				1		SW	Light orange brown, damp, fine to coarse grained SAND with minor Gravel	
2										
3		<1.0				3				
4										
5	6.1	<1.0				5		SP	Light brown, damp, fine grained SAND, trace Silt	No Odors
6										
7										
8										
9										
10	ND<5.0	<1.0				10				
11										
12										
13										
14										
15	64	<1.0	Hydrated Bentonite Crumbles			15				
16										
17										
18										
19										
20		<1.0				20			Becomes SAND, trace Silt	
21										
22										
23										
24										
25		<1.0				25				
26										
27										
28										
29									With minor Silt	
30		<1.0				30				
31									Bottom of boring at 30 feet BGS	

Project Name	**ONE SAN PEDRO**	Log of Boring	Figure No.
Project Number	**759-13**	**B2**	1

Date drilled/completed	November 20, 2019	Boring depth	Approx. 30 feet BGS
Geologist	S. Jones	Initial depth to water	Not Encountered
Drilling equipment	Geoprobe 6610DT	Static depth to water	Not Encountered
Surface elevation	Approx. 55 feet MSL	Well screen depth	Not Applicable
Top of casing elevation	Not Applicable	Borehole Diameter	2-inches

Depth	EPA Method 8015B TPH C6-C44 (mg/kg)	Headspace (ppm)	Well Construction Detail	Sample Type	Blow Counts	Sample No.	Graphic Log	U.S.C.S. Classification	Description	Remarks
0									Grass Surface	Hand Auger to 5 feet BGS
1	46	<1.0				1		SW	Light orange brown, damp, fine grained SAND with minor Gravel	
2										
3		<1.0				3				
4										
5	ND<5.0	<1.0				5		SP	Light brown, damp, fine grained SAND	No Odors
6										
7										
8										
9										
10	ND<5.0	<1.0				10				
11										
12										
13										
14										
15	ND<4.9	<1.0	Hydrated Bentonite Crumbles			15			With some Silt	
16										
17										
18										
19										
20		<1.0				20				
21										
22										
23										
24										
25		<1.0				25				
26										
27										
28										
29										
30		<1.0				30			Bottom of boring at 30 feet BGS	
31										

Project Name	**ONE SAN PEDRO**	Log of Boring	Figure No.
Project Number	**759-13**	**B3**	1

Date drilled/completed	November 21, 2019	Boring depth	Approx. 30 feet BGS
Geologist	J. Song	Initial depth to water	Not Encountered
Drilling equipment	Limited Geoprobe 5410	Static depth to water	Not Applicable
Surface elevation	Approx. 55 feet MSL	Well screen depth	Soil Vapor Implant at Approx. 4.5 feet BGS
Top of casing elevation	Not Applicable	Borehole Diameter	3.5-inches to 5 feet/ 2-inches to 30 feet

Depth	EPA Method 8015B TPH C6-C44 (mg/kg)	Headspace (ppm)	Well Construction Detail	Sample Type	Blow Counts	Sample No.	Graphic Log	U.S.C.S. Classification	Description	Remarks
0			Wellbox						Grass Surface	Clear to 5 feet BGS
1	6.4		Wet Bentonite Crumbles							
2										
3			1/4" Nylaflow							
4			Dry Bentonite Crumbles							
5	ND<4.9	**<1.0**			5			SM	Brown, damp, Silty medium grained SAND	No Odors
6			1" Vapor Probe Implant							
7			Sand							
8										
9										
10	ND<4.9	**<1.0**			10				With more Silt and Clay	
11										
12										
13										
14										
15	ND<5.0	**<1.0**			15			CL	Olive tan, damp, CLAY with some Sand, high plasticity	
16										
17										
18										
19										
20	5.2	**<1.0**			20			SM	Dark brown, damp, Silty fine grained SAND with some Clay	
21										
22										
23										
24										
25	ND<4.9	**<1.0**			25				With no Clay	
26										
27										
28										
29										
30	14				30				Bottom of boring at 30 feet BGS	
31										

Project Name	**ONE SAN PEDRO**	Log of Boring	Figure No.
Project Number	**759-13**	**B4**	1

Date drilled/completed	November 21, 2019	Boring depth	Approx. 30 feet BGS
Geologist	J. Song	Initial depth to water	Not Encountered
Drilling equipment	Limited Geoprobe 5410	Static depth to water	Not Applicable
Surface elevation	Approx. 55 feet MSL	Well screen depth	Not Applicable
Top of casing elevation	Not Applicable	Borehole Diameter	2-inches

Depth	EPA Method 8015B TPH C6-C44 (mg/kg)	Headspace (ppm)	Well Construction Detail	Sample Type	Blow Counts	Sample No.	Graphic Log	U.S.C.S. Classification	Description	Remarks
0									Grass Surface	Clear to 5 feet BGS
1	ND<5.0									
2										
3										
4										
5	ND<4.9	**<1.0**			5			SM	Dark brown, damp, Silty medium grained SAND	No Odors
6										
7										
8										
9										
10	ND<5.0	**<1.0**			10			SW	Olive brown, damp, fine to coarse grained SAND with some Silt	
11										
12										
13										
14										
15	ND<4.9	**<1.0**			15			SM	Reddish brown, damp, Silty SAND	
16										
17										
18										
19										
20	ND<4.9	**<1.0**			20					
21										
22										
23										
24										
25	390	**<1.0**			25			ML	Dark brown, damp, Sandy SILT	
26										
27										
28										
29								SP	Brown, damp, fine grained SAND, with some fine grained Silt	
30	ND<4.9	**<1.0**			30				Bottom of boring at 30 feet BGS	
31										

Project Name	**ONE SAN PEDRO**	Log of Boring	Figure No.
Project Number	**759-13**	**B5**	1

Date drilled/completed	November 21, 2019	Boring depth	Approx. 30 feet BGS
Geologist	J. Song	Initial depth to water	Not Encountered
Drilling equipment	Limited Geoprobe 5410	Static depth to water	Not Applicable
Surface elevation	Approx. 55 feet MSL	Well screen depth	Soil Vapor Implant at Approx. 4.5 feet BGS
Top of casing elevation	Not Applicable	Borehole Diameter	3.5-inches to 5 feet/ 2-inches to 30 feet

Depth	EPA Method 8015B TPH C6-C44 (mg/kg)	Headspace (ppm)	Well Construction Detail	Sample Type	Blow Counts	Sample No.	Graphic Log	U.S.C.S. Classification	Description	Remarks
0			Wellbox						Grass Surface	Clear to 5 feet BGS
1	7.2		Wet Bentonite Crumbles							
2										
3			1/4" Nylaflow							
4			Dry Bentonite Crumbles							
5	ND<4.8	**<1.0**			5			SM	Brown, moist, Silty medium grained SAND with some Clay	
6			1" Vapor Probe Implant							
7			Sand							
8										
9										
10	11	**<1.0**			10			SP	Brown, damp, medium grained SAND with some Silt	
11										
12										
13										
14										
15	ND<4.8	**<1.0**			15			SW	Olive brown, damp, fine to coarse grained SAND	
16										
17										
18										
19										
20	ND<4.9	**<1.0**			20				With some Silt	
21										
22										
23										
24										
25	170	**<1.0**			25			SM	Dark brown, damp, Silty fine grained SAND	
26										
27										
28										
29									With more Silt	
30	ND<4.9	**<1.0**			30				Bottom of boring at 30 feet BGS	
31										

Project Name	**ONE SAN PEDRO**	Log of Boring	Figure No.
Project Number	**759-13**	**B6**	1

Date drilled/completed	November 21, 2019	Boring depth	Approx. 30 feet BGS
Geologist	J. Song	Initial depth to water	Not Encountered
Drilling equipment	Limited Geoprobe 5410	Static depth to water	Not Applicable
Surface elevation	Approx. 55 feet MSL	Well screen depth	Not Applicable
Top of casing elevation	Not Applicable	Borehole Diameter	2-inches

Depth	EPA Method 8015B TPH C6-C44 (mg/kg)	Headspace (ppm)	Well Construction Detail	Sample Type	Blow Counts	Sample No.	Graphic Log	U.S.C.S. Classification	Description	Remarks
0									Grass Surface	Clear to 5 feet BGS
1	ND<4.9	**<1.0**								
2										
3		**<1.0**								
4										
5	ND<5.0	**<1.0**				5		SM	Olive tan, damp, Silty medium grained SAND	
6										
7										
8										
9										
10	390	**<1.0**				10			With some Clay	
11										
12										
13										
14										
15	15	**<1.0**				15		SW	Brown, damp, fine to coarse grained SAND with some Clay	
16										
17										
18										
19										
20	ND<5.0	**<1.0**				20				
21										
22										
23										
24										
25	ND<5.0	**<1.0**				25			With less Clay	
26										
27										
28										
29								ML	Dark brown, damp, Sandy SILT	
30	9.8	**<1.0**				30			Bottom of boring at 30 feet BGS	
31										

Project Name	**ONE SAN PEDRO**	Log of Boring	Figure No.
Project Number	**759-13**	**B7**	1

Date drilled/completed	November 21, 2019	Boring depth	Approx. 30 feet BGS
Geologist	J. Song	Initial depth to water	Not Encountered
Drilling equipment	Limited Geoprobe 5410	Static depth to water	Not Applicable
Surface elevation	Approx. 55 feet MSL	Well screen depth	Soil Vapor Implant at Approx. 4.5 feet BGS
Top of casing elevation	Not Applicable	Borehole Diameter	3.5-inches to 5 feet/ 2-inches to 30 feet

Depth	EPA Method 8015B TPH C6-C44 (mg/kg)	Headspace (ppm)	Well Construction Detail	Sample Type	Blow Counts	Sample No.	Graphic Log	U.S.C.S. Classification	Description	Remarks
0			Wellbox						Grass Surface	Clear to 5 feet BGS
1	ND<5.0		Wet Bentonite Crumbles							
2										
3			1/4" Nylaflow							
4			Dry Bentonite Crumbles							
5	11	<1.0			5			SM	Olive brown, damp, Silty medium grained SAND	
6			1" Vapor Probe Implant							
7			Sand							
8										
9										
10	ND<4.9	<1.0			10				With more Silt	
11										
12										
13										
14										
15	39	<1.0			15			SW	Olive brown, damp, fine to medium grained SAND, with some Silt	
16										
17										
18										
19										
20	ND<4.9	<1.0			20				With less Silt	
21										
22										
23										
24										
25	26	<1.0			25			SM	Dark brown, damp, Sandy SILT	
26										
27										
28										
29										
30	13				30				Bottom of boring at 30 feet BGS	
31										

Project Name	**ONE SAN PEDRO**	Log of Boring	Figure No.
Project Number	**759-13**	**B8**	1

Date drilled/completed	November 21, 2019	Boring depth	Approx. 30 feet BGS
Geologist	J. Song	Initial depth to water	Not Encountered
Drilling equipment	Limited Geoprobe 5410	Static depth to water	Not Applicable
Surface elevation	Approx. 55 feet MSL	Well screen depth	Not Applicable
Top of casing elevation	Not Applicable	Borehole Diameter	2-inches

Depth	EPA Method 8015B TPH C6-C44 (mg/kg)	Headspace (ppm)	Well Construction Detail	Sample Type	Blow Counts	Sample No.	Graphic Log	U.S.C.S. Classification	Description	Remarks
0									Grass Surface	Clear to 5 feet BGS
1	10									
2										
3										
4										
5	21	**<1.0**			5			ML	Dark brown, damp, Sandy SILT	
6										
7										
8										
9										
10	ND<5.0	**<1.0**			10			SM	Brown, damp, Silty medium grained SAND	
11										
12										
13										
14										
15	ND<5.0	**<1.0**			15			CL	Olive brown, damp, high plasticity, CLAY with some Sand and medium grained Silt	
16										
17										
18										
19										
20	ND<4.9	**<1.0**			20			SP	Olive brown, damp, fine grained SAND, with some Clay	
21										
22										
23										
24										
25	5.5	**<1.0**			25				With less Clay	
26										
27										
28										
29										
30	ND<5.0	**<1.0**			30				Bottom of boring at 30 feet BGS	
31										

Project Name	**ONE SAN PEDRO**	Log of Boring	Figure No.
Project Number	**759-13**	**B9**	1

Date drilled/completed	November 20, 2019	Boring depth	Approx. 16 feet BGS
Geologist	S. Jones	Initial depth to water	Not Encountered
Drilling equipment	Geoprobe 6610DT	Static depth to water	Not Applicable
Surface elevation	Approx. 49 feet MSL	Well screen depth	Not Applicable
Top of casing elevation	Not Applicable	Borehole Diameter	2-inches

Depth	EPA Method 8015B TPH C6-C44 (mg/kg)	Headspace (ppm)	Well Construction Detail	Sample Type	Blow Counts	Sample No.	Graphic Log	U.S.C.S. Classification	Description	Remarks
0									Grass Surface	Clear to 5 feet BGS
1		<1.0				1		SP	Light brown, damp, fine grained SAND	
2										
3										
4										
5										No Odors
6	7.4	<1.0				6				
7										
8			Hydrated Bentonite Crumbles							
9										
10										
11										
12										
13										
14										
15	ND<4.9	<1.0				15			With minor Silts	
16									Bottom of boring at 16 feet BGS	
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										

Project Name	**ONE SAN PEDRO**	Log of Boring	Figure No.
Project Number	**759-13**	**B10**	1

Date drilled/completed	November 20, 2019	Boring depth	Approx. 16 feet BGS
Geologist	S. Jones	Initial depth to water	Not Encountered
Drilling equipment	Hand Auger	Static depth to water	Not Encountered
Surface elevation	Approx. 49 feet MSL	Probe screen depth	5 feet BGS
Top of casing elevation	Not Applicable	Borehole Diameter	2-inches

Depth	EPA Method 8015B TPH C6-C44 (mg/kg)	Headspace (ppm)	Well Construction Detail	Sample Type	Blow Counts	Sample No.	Graphic Log	U.S.C.S. Classification	Description	Remarks
0			Wellbox						Concrete Surface 4" Thick	Hand Auger to 5 feet BGS No Odors
1		<1.0	Hydrated Bentonite Crumbles			1		SP	Light brown, damp, fine grained SAND	
2										
3			1/4" Nylaflow							
4										
5			Dry Bentonite Crumbles							
6	ND<5.0	<1.0	1" Vapor Probe Implant			6				
7										
8			#3 Sand							
9										
10										
11			Native Soil							
12										
13										
14										
15	ND<5.0	<1.0				15				
16									Bottom of boring at 16 feet BGS	
17										
18										
19										
20										
21										
22										
23										
24										
25										
26										
27										
28										
29										
30										

Project Name	**ONE SAN PEDRO**	Log of Boring	Figure No.
Project Number	**759-13**	**B11**	1

Date drilled/completed	November 20, 2019	Boring depth	Approx. 36 feet BGS
Geologist	S. Jones	Initial depth to water	Not Encountered
Drilling equipment	Geoprobe 6610DT	Static depth to water	Not Encountered
Surface elevation	Approx. 49 feet MSL	Probe screen depth	Soil Vapor Implant at Approx. 4.5 feet BGS
Top of casing elevation	Not Applicable	Borehole Diameter	3.5-inches to 5 feet/ 2-inches to 30 feet

Depth	EPA Method 8015B TPH CS-C44 (mg/kg)	Headspace (ppm)	Well Construction Detail	Sample Type	Blow Counts	Sample No.	Graphic Log	U.S.C.S. Classification	Description	Remarks
0			Wellbox						8" Asphalt	Hand Auger to 5 feet BGS No Odors
1		<1.0	Hydrated Bentonite Crumbles			1		SP	Light brown, damp, fine grained SAND	
2										
3		<1.0	1/4" Nylaflow			3				
4			Dry Bentonite Crumbles							
5	ND<4.9					5				
6		<1.0	1" Vapor Probe Implant						With minor Silt	
7										
8			#3 Sand							
9										
10		<1.0				10			With trace Silt	
11										
12			Native Soil							
13										
14										
15	ND<5.0	<1.0				15				
16										
17										
18										
19										
20		<1.0				20			With some Clay/Silt	
21										
22										
23										
24										
25		<1.0				25		SC	Light brown, damp, Clayey fine grained SAND, with some Silt	
26										
27										
28										
29										
30										

Project Name	**ONE SAN PEDRO**	Log of Boring	Figure No.
Project Number	**759-13**	**B12**	1

Depth	EPA Method 8015B TPH C6-C44 (mg/kg)	Headspace (ppm)	Well Construction Detail	Sample Type	Blow Counts	Sample No.	Graphic Log	U.S.C.S. Classification	Description	Remarks
30		<1.0				30		CL	Light brown, damp, CLAY with fine grained Sand, medium plasticity	No Odors
31										
32										
33			Native Soil							
34										
35		<1.0				35			No Sand, high plasticity	No Odors
36									Bottom of boring at 36 feet BGS	
37										
38										
39										
40										
41										
42										
43										
44										
45										
46										
47										
48										
49										
50										
51										
52										
53										
54										
55										
56										
57										
58										
59										
60										

Project Name	**ONE SAN PEDRO**	Log of Boring	Figure No.
Project Number	**759-13**	**B12**	2

Date drilled/completed	November 20, 2019	Boring depth	Approx. 5 feet BGS
Geologist	S. Jones	Initial depth to water	Not Encountered
Drilling equipment	Hand Auger	Static depth to water	Not Encountered
Surface elevation	Approx. 49 feet MSL	Probe screen depth	Not Applicable
Top of casing elevation	Not Applicable	Borehole Diameter	3.5-inches

Depth	EPA Method 8015B TPH C6-C44 (mg/kg)	Headspace (ppm)	Well Construction Detail	Sample Type	Blow Counts	Sample No.	Graphic Log	U.S.C.S. Classification	Description	Remarks
0									8" Asphalt	Hand Auger to 5 feet BGS
1		<1.0			1			SP	Light brown, damp, fine grained SAND	No Odors
2			Hydrated Bentonite Crumbles							
3		<1.0			3					No Odors
4	ND<5.0	<1.0			5					No Odors
5									Bottom of boring at 5 feet BGS	
6										

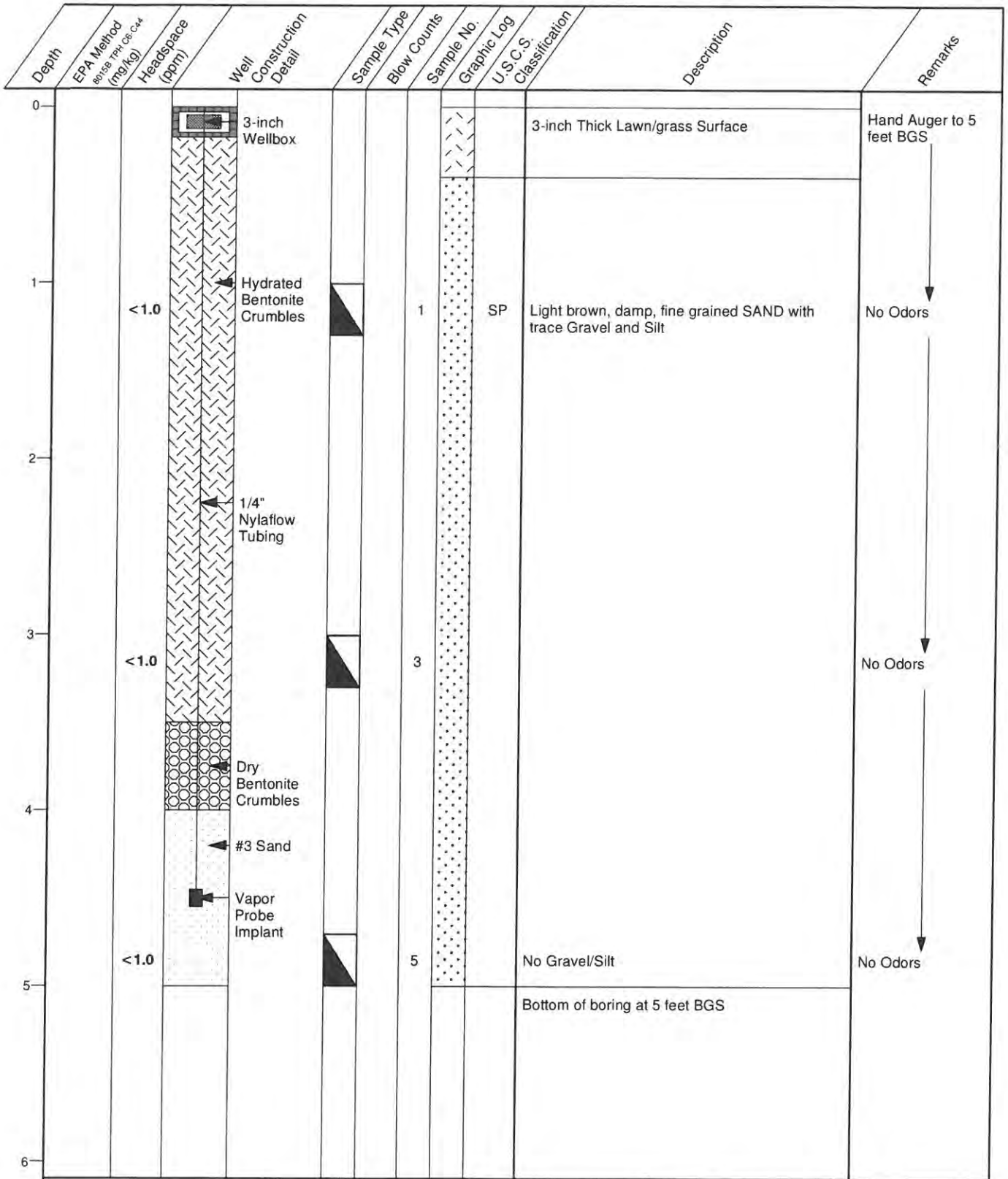
Project Name	**ONE SAN PEDRO**	Log of Boring	Figure No.
Project Number	**759-13**	**B13**	1

Date drilled/completed	November 20, 2019	Boring depth	Approx. 5 feet BGS
Geologist	S. Jones	Initial depth to water	Not Encountered
Drilling equipment	Hand Auger	Static depth to water	Not Encountered
Surface elevation	Approx. 36 feet MSL	Probe screen depth	Not Applicable
Top of casing elevation	Not Applicable	Borehole Diameter	3.5-inches

Depth	EPA Method 8015B TPH C6-C44 (mg/kg)	Headspace (ppm)	Well Construction Detail	Sample Type	Blow Counts	Sample No.	Graphic Log	U.S.C.S. Classification	Description	Remarks
0									3-inch Thick Lawn/grass Surface	Hand Auger to 5 feet BGS
1		<1.0				1		SP	Light brown, damp, fine grained SAND with trace Gravel	No Odors
2			Hydrated Bentonite Crumbles							
3		<1.0				3				No Odors
4										
5		<1.0				5			No Gravel	No Odors
									Bottom of boring at 5 feet BGS	
6										

Project Name	**ONE SAN PEDRO**	Log of Boring	Figure No.
Project Number	**759-13**	**B17**	1

Date drilled/completed	November 20, 2019	Boring depth	Approx. 5 feet BGS
Geologist	S. Jones	Initial depth to water	Not Encountered
Drilling equipment	Hand Auger	Static depth to water	Not Encountered
Surface elevation	Approx. 36 feet MSL	Probe screen depth	Soil Vapor Implant at Approx. 4.5 feet BGS
Top of casing elevation	Not Applicable	Borehole Diameter	3.5-inches



Project Name	**ONE SAN PEDRO**	Log of Boring	Figure No.
Project Number	**759-13**	**B18**	1

Date drilled/completed	November 20, 2019	Boring depth	Approx. 5 feet BGS
Geologist	S. Jones	Initial depth to water	Not Encountered
Drilling equipment	Hand Auger	Static depth to water	Not Encountered
Surface elevation	Approx. 36 feet MSL	Probe screen depth	Not Applicable
Top of casing elevation	Not Applicable	Borehole Diameter	3.5-inches

Depth	EPA Method 8015B TPH C6-C44 (mg/kg)	Headspace (ppm)	Well Construction Detail	Sample Type	Blow Counts	Sample No.	Graphic Log	U.S.C.S. Classification	Description	Remarks
0									3-inch Thick Lawn/grass Surface	Hand Auger to 5 feet BGS
1		<1.0				1		SP	Light brown, damp, fine grained SAND with trace Gravel	No Odors
2			Hydrated Bentonite Crumbles							
3		<1.0				3			No Gravel	No Odors
4										
5		<1.0				5				No Odors
									Bottom of boring at 5 feet BGS	
6										

Project Name	**ONE SAN PEDRO**	Log of Boring	Figure No.
Project Number	**759-13**	**B19**	1

Date drilled/completed	November 20, 2019	Boring depth	Approx. 5 feet BGS
Geologist	S. Jones	Initial depth to water	Not Encountered
Drilling equipment	Hand Auger	Static depth to water	Not Encountered
Surface elevation	Approx. 36 feet MSL	Probe screen depth	Soil Vapor Implant at Approx. 4.5 BGS
Top of casing elevation	Not Applicable	Borehole Diameter	3.5-inches

Depth	EPA Method 8015B TPH C6-C44 (mg/kg)	Headspace (ppm)	Well Construction Detail	Sample Type	Blow Counts	Sample No.	Graphic Log	U.S.C.S. Classification	Description	Remarks
0			3-inch Wellbox						3-inch Thick Lawn/grass Surface	Hand Auger to 5 feet BGS
1		<1.0	Hydrated Bentonite Crumbles		1			SP	Light orange brown, damp, fine grained SAND with trace Gravel and Silt	No Odors
2			1/4" Nylaflow Tubing							
3		<1.0			3				No Gravel/Silt	No Odors
4			Dry Bentonite Crumbles; #3 Sand; Vapor Probe Implant							
5		<1.0			5				Bottom of boring at 5 feet BGS	No Odors
6										

Project Name	**ONE SAN PEDRO**	Log of Boring	Figure No.
Project Number	**759-13**	**B20**	1

Date drilled/completed	November 20, 2019	Boring depth	Approx. 5 feet BGS
Geologist	S. Jones	Initial depth to water	Not Encountered
Drilling equipment	Hand Auger	Static depth to water	Not Encountered
Surface elevation	Approx. 25 feet MSL	Probe screen depth	Soil Vapor Implant at Approx. 4.5 feet BGS
Top of casing elevation	Not Applicable	Borehole Diameter	3.5-inches

Depth	EPA Method 8015B TPH C6-C44 (mg/kg)	Headspace (ppm)	Well Construction Detail	Sample Type	Blow Counts	Sample No.	Graphic Log	U.S.C.S. Classification	Description	Remarks
0			3-inch Wellbox						3-inch Thick Lawn/grass Surface	Hand Auger to 5 feet BGS
1	110	<1.0	Hydrated Bentonite Crumbles			1		SP	Light orange brown, damp, fine grained SAND with trace Gravel and Silt	No Odors
2			1/4" Nylaflow Tubing							
3										No Odors
4			Dry Bentonite Crumbles; #3 Sand; Vapor Probe Implant							No Odors
5									Bottom of boring at 5 feet BGS	
6										

Project Name	**ONE SAN PEDRO**	Log of Boring	Figure No.
Project Number	**759-13**	**B21**	1

Date drilled/completed	November 20, 2019	Boring depth	Approx. 5 feet BGS
Geologist	S. Jones	Initial depth to water	Not Encountered
Drilling equipment	Hand Auger	Static depth to water	Not Encountered
Surface elevation	Approx. 25 feet MSL	Probe screen depth	Soil Vapor Implant at Approx. 4.5 feet BGS
Top of casing elevation	Not Applicable	Borehole Diameter	3.5-inches

Depth	EPA Method 8015B TPH C6-C44 (mg/kg)	Headspace (ppm)	Well Construction Detail	Sample Type	Blow Counts	Sample No.	Graphic Log	U.S.C.S. Classification	Description	Remarks
0			3-inch Wellbox						3-inch Thick Lawn/grass Surface	Hand Auger to 5 feet BGS
1		<1.0	Hydrated Bentonite Crumbles			1		SP	Light yellowish brown, damp, fine grained SAND	No Odors
2			Hydrated Bentonite Crumbles; 1/4" Nylaflow Tubing							
3		<1.0				3				No Odors
4			Dry Bentonite Crumbles; #3 Sand; Vapor Probe Implant							
5	ND<5.0	<1.0				5			Bottom of boring at 5 feet BGS	No Odors
6										

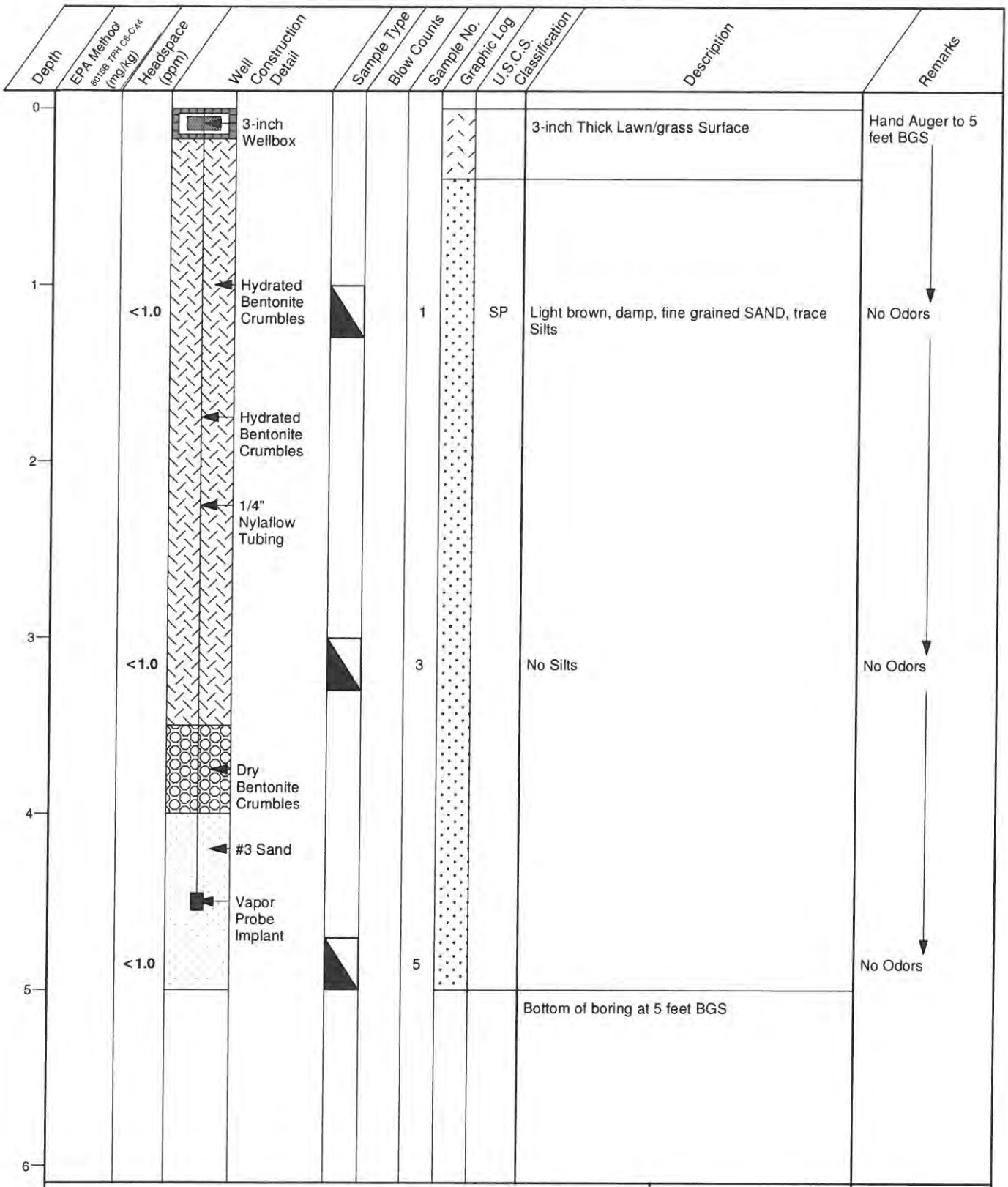
Project Name	**ONE SAN PEDRO**	Log of Boring	Figure No.
Project Number	**759-13**	**B22**	1

Date drilled/completed	November 20, 2019	Boring depth	Approx. 5 feet BGS
Geologist	S. Jones	Initial depth to water	Not Encountered
Drilling equipment	Hand Auger	Static depth to water	Not Encountered
Surface elevation	Approx. 23 feet MSL	Probe screen depth	Soil Vapor Implant at Approx. 4.5 feet BGS
Top of casing elevation	Not Applicable	Borehole Diameter	3.5-inches

Depth	EPA Method 8015B TPH C6-C44 (mg/kg)	Headspace (ppm)	Well Construction Detail	Sample Type	Blow Counts	Sample No.	Graphic Log	U.S.C.S. Classification	Description	Remarks
0			3-inch Wellbox						3-inch Thick Lawn/grass Surface	Hand Auger to 5 feet BGS
1		<1.0	Hydrated Bentonite Crumbles			1		SP	Light yellowish brown, damp, fine grained SAND	No Odors
2			Hydrated Bentonite Crumbles; 1/4" Nylaflow Tubing							
3		<1.0				3				No Odors
4			Dry Bentonite Crumbles; #3 Sand; Vapor Probe Implant							
5		<1.0				5			Bottom of boring at 5 feet BGS	No Odors
6										

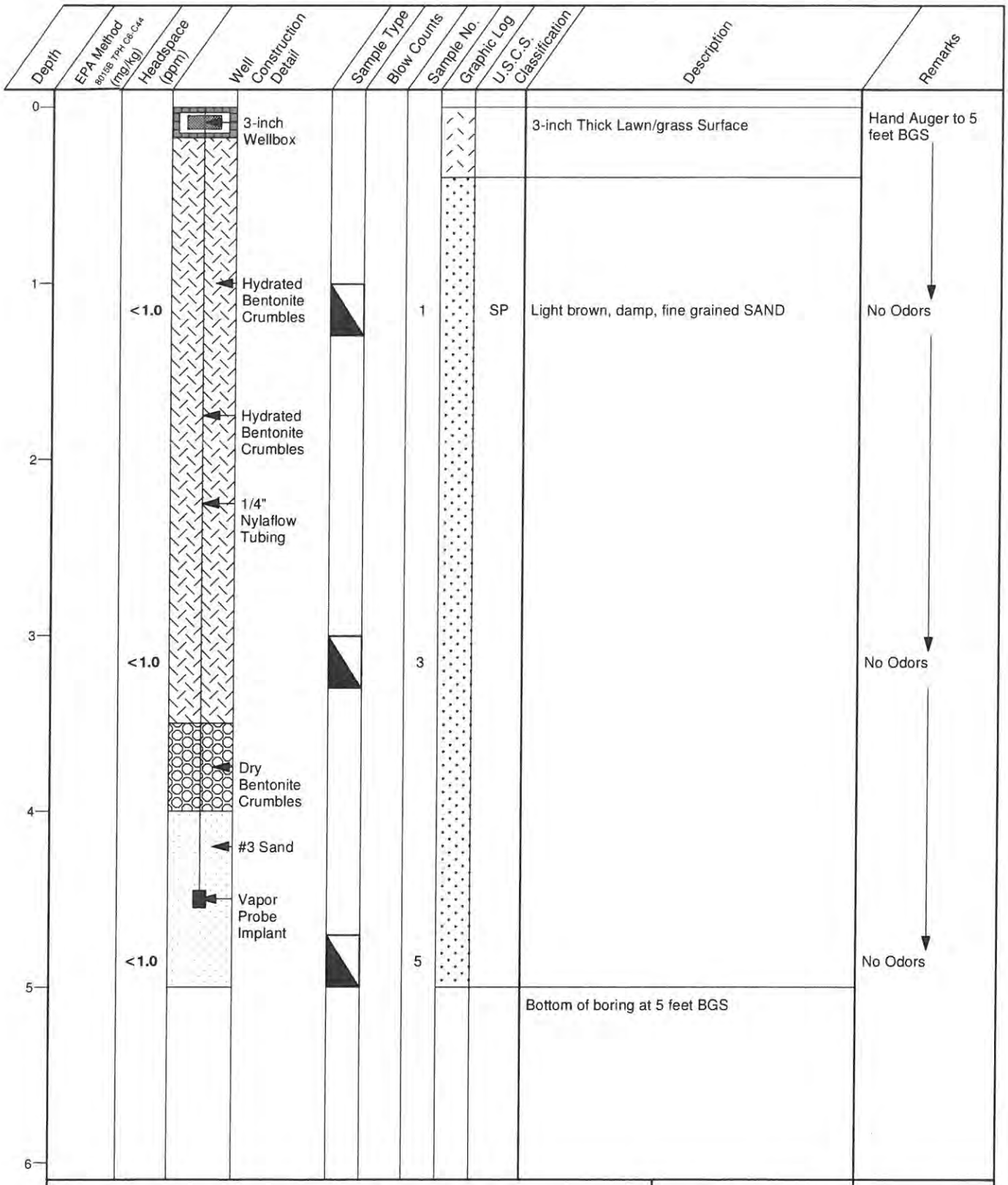
Project Name	**ONE SAN PEDRO**	Log of Boring	Figure No.
Project Number	**759-13**	**B23**	1

Date drilled/completed	November 20, 2019	Boring depth	Approx. 5 feet BGS
Geologist	S. Jones	Initial depth to water	Not Encountered
Drilling equipment	Hand Auger	Static depth to water	Not Encountered
Surface elevation	Approx. 28 feet MSL	Probe screen depth	Soil Vapor Implant at Approx. 4.5 feet BGS
Top of casing elevation	Not Applicable	Borehole Diameter	3.5-inches



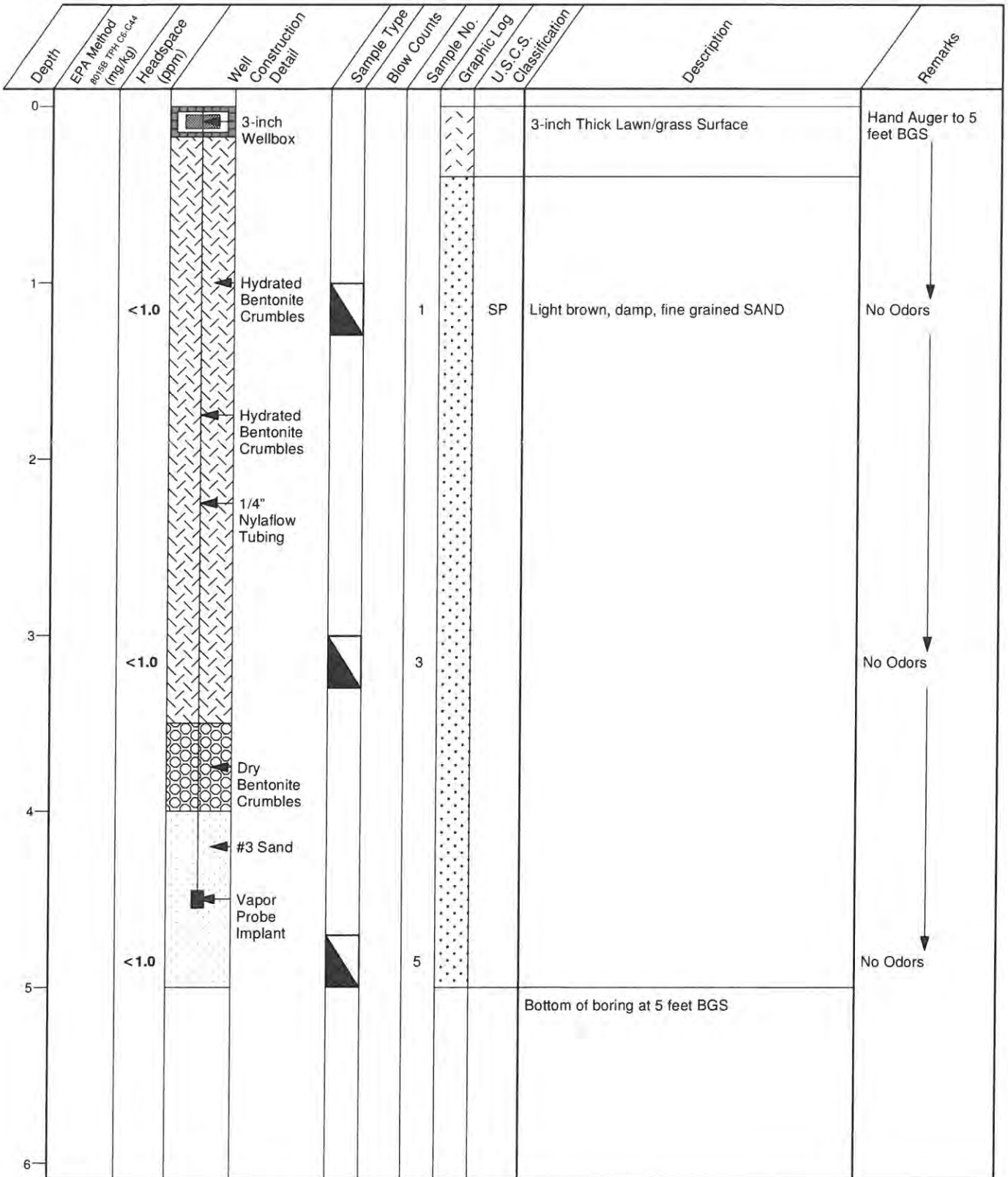
Project Name	**ONE SAN PEDRO**	Log of Boring	Figure No.
Project Number	**759-13**	**B24**	1

Date drilled/completed	November 20, 2019	Boring depth	Approx. 5 feet BGS
Geologist	S. Jones	Initial depth to water	Not Encountered
Drilling equipment	Hand Auger	Static depth to water	Not Encountered
Surface elevation	Approx. 30 feet MSL	Probe screen depth	Soil Vapor Implant at Approx. 4.5 feet BGS
Top of casing elevation	Not Applicable	Borehole Diameter	3.5-inches



Project Name	**ONE SAN PEDRO**	Log of Boring	Figure No.
Project Number	**759-13**	**B25**	1

Date drilled/completed	November 20, 2019	Boring depth	Approx. 5 feet BGS
Geologist	S. Jones	Initial depth to water	Not Encountered
Drilling equipment	Hand Auger	Static depth to water	Not Encountered
Surface elevation	Approx. 30 feet MSL	Probe screen depth	Soil Vapor Implant at Approx. 4.5 feet BGS
Top of casing elevation	Not Applicable	Borehole Diameter	3.5-inches



Project Name	**ONE SAN PEDRO**	Log of Boring	Figure No.
Project Number	**759-13**	**B26**	1

APPENDIX E

LABORATORY REPORTS

ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-13749-1
Client Project/Site: One San Pedro / 75913

For:
Frey Environmental
2817-A La Fayette Ave
Newport Beach, California 92663

Attn: Evan Privett

Authorized for release by:
12/9/2019 4:26:05 PM

Stephen Nowak, Project Manager I
(714)895-5494
stephennowak@eurofinsus.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13749-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.
L	A negative instrument reading had an absolute value greater than the reporting limit

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 570-13749-1

Laboratory: Eurofins Calscience LLC

Narrative

Job Narrative
570-13749-1

Comments
No additional comments.

Receipt
The samples were received on 11/22/2019 1:00 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 3.0º C and 3.2º C.

Receipt Exceptions

The number of containers for the following samples did not match the information listed on the Chain-of-Custody (COC): B2-10 (570-13749-11) and B2-15 (570-13749-12). Received only 4 containers(2 oz plastic jar received empty without labe.), while the COC lists 5.

The following sample was submitted for analysis; however, it was not listed on the Chain-of-Custody (COC): B12-30 (570-13749-79) B12-30 (11/20/19 11:55)

GC/MS VOA
Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-35770.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-35785.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

GC Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals
Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-35373 and analytical batch 570-36237 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 6010B: The absolute response for Selenium was greater than the method reporting limit (RL) in the following samples: B5-1 (570-13749-25), B6-1 (570-13749-27), B7-1 (570-13749-29), B10-1 (570-13749-34), B11-1 (570-13749-37), B12-1 (570-13749-40), B17-1 (570-13749-51), B18-1 (570-13749-54), B19-1 (570-13749-57), B21-1 (570-13749-63), B22-1 (570-13749-64), B24-1 (570-13749-70) and B26-1 (570-13749-76).
The instrument raw data has been manually reviewed and the result can be reported as ND.

Method 6010B: The absolute response for Antimony was greater than the method reporting limit (RL) in the following samples: B5-1 (570-13749-25), B10-1 (570-13749-34), B11-1 (570-13749-37), B13-1 (570-13749-48), B17-1 (570-13749-51), B18-1 (570-13749-54) and B19-1 (570-13749-57).
The instrument raw data has been manually reviewed and the result can be reported as ND.

Method 6010B: The absolute response for Molybdenum was greater than the method reporting limit (RL) in the following samples: B5-1 (570-13749-25), B10-1 (570-13749-34), B11-1 (570-13749-37), B13-1 (570-13749-48), B17-1 (570-13749-51), B18-1 (570-13749-54), B19-1 (570-13749-57), B21-1 (570-13749-63), B24-1 (570-13749-70) and B26-1 (570-13749-76).
The instrument raw data has been manually reviewed and the result can be reported as ND.

Job ID: 570-13749-1 (Continued)

Laboratory: Eurofins Calscience LLC (Continued)

Method 6010B: The absolute response for Molybdenum was greater than the method reporting limit (RL) in the following sample: B26-1 (570-13749-76).
The instrument raw data has been manually reviewed and the result can be reported as ND.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13749-1

Client Sample ID: B1-1 — Lab Sample ID: 570-13749-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.05		0.750		mg/Kg	1		6010B	Total/NA
Barium	93.5		0.500		mg/Kg	1		6010B	Total/NA
Beryllium	0.420		0.250		mg/Kg	1		6010B	Total/NA
Cobalt	5.37		0.250		mg/Kg	1		6010B	Total/NA
Chromium	12.6		0.250		mg/Kg	1		6010B	Total/NA
Copper	7.18		0.500		mg/Kg	1		6010B	Total/NA
Nickel	7.36		0.250		mg/Kg	1		6010B	Total/NA
Vanadium	22.2		0.250		mg/Kg	1		6010B	Total/NA
Zinc	24.2		1.00		mg/Kg	1		6010B	Total/NA
Lead	2.99		0.500		mg/Kg	1		6010B	Total/NA

Client Sample ID: B1-5 — Lab Sample ID: 570-13749-2

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
C6-C44	14		5.0		mg/Kg	1		8015B	Total/NA

Client Sample ID: B1-10 — Lab Sample ID: 570-13749-3

No Detections.

Client Sample ID: B1-15 — Lab Sample ID: 570-13749-4

No Detections.

Client Sample ID: B2-1 — Lab Sample ID: 570-13749-8

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
C6-C44	12		5.0		mg/Kg	1		8015B	Total/NA
Silver	0.407		0.240		mg/Kg	1		6010B	Total/NA
Arsenic	4.12		0.721		mg/Kg	1		6010B	Total/NA
Barium	112		0.481		mg/Kg	1		6010B	Total/NA
Beryllium	0.394		0.240		mg/Kg	1		6010B	Total/NA
Cadmium	0.672		0.481		mg/Kg	1		6010B	Total/NA
Cobalt	4.65		0.240		mg/Kg	1		6010B	Total/NA
Chromium	16.2		0.240		mg/Kg	1		6010B	Total/NA
Copper	17.1		0.481		mg/Kg	1		6010B	Total/NA
Molybdenum	0.565		0.240		mg/Kg	1		6010B	Total/NA
Nickel	10.6		0.240		mg/Kg	1		6010B	Total/NA
Vanadium	22.4		0.240		mg/Kg	1		6010B	Total/NA
Zinc	52.2		0.962		mg/Kg	1		6010B	Total/NA
Lead	20.1		0.481		mg/Kg	1		6010B	Total/NA

Client Sample ID: B2-3 — Lab Sample ID: 570-13749-9

No Detections.

Client Sample ID: B2-5 — Lab Sample ID: 570-13749-10

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Acetone	46		44		ug/Kg	1		8260B	Total/NA
C6-C44	6.1		5.0		mg/Kg	1		8015B	Total/NA

Client Sample ID: B2-10 — Lab Sample ID: 570-13749-11

No Detections.

This Detection Summary does not include radiochemical test results.

Eurofins Calscience LLC

Detection Summary

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13749-1

Client Sample ID: B2-15 — Lab Sample ID: 570-13749-12

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
C25-C28	12		4.9		mg/Kg	1		8015B	Total/NA
C29-C32	17		4.9		mg/Kg	1		8015B	Total/NA
C33-C36	11		4.9		mg/Kg	1		8015B	Total/NA
C37-C40	8.1		4.9		mg/Kg	1		8015B	Total/NA
C6-C44	64		4.9		mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	25		4.9		mg/Kg	1		8015B	Total/NA

Client Sample ID: B3-3 — Lab Sample ID: 570-13749-16

No Detections.

Client Sample ID: B3-5 — Lab Sample ID: 570-13749-17

No Detections.

Client Sample ID: B3-10 — Lab Sample ID: 570-13749-18

No Detections.

Client Sample ID: B3-15 — Lab Sample ID: 570-13749-19

No Detections.

Client Sample ID: B4-1 — Lab Sample ID: 570-13749-23

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
C6-C44	6.4		4.9		mg/Kg	1		8015B	Total/NA
Arsenic	10.3		0.769		mg/Kg	1		6010B	Total/NA
Barium	139		0.513		mg/Kg	1		6010B	Total/NA
Beryllium	0.503		0.256		mg/Kg	1		6010B	Total/NA
Cobalt	6.30		0.256		mg/Kg	1		6010B	Total/NA
Chromium	22.4		0.256		mg/Kg	1		6010B	Total/NA
Copper	15.9		0.513		mg/Kg	1		6010B	Total/NA
Molybdenum	1.00		0.256		mg/Kg	1		6010B	Total/NA
Nickel	15.2		0.256		mg/Kg	1		6010B	Total/NA
Antimony	1.84		0.769		mg/Kg	1		6010B	Total/NA
Thallium	0.882		0.769		mg/Kg	1		6010B	Total/NA
Vanadium	37.7		0.256		mg/Kg	1		6010B	Total/NA
Zinc	49.2		1.03		mg/Kg	1		6010B	Total/NA
Lead	7.69		0.513		mg/Kg	1		6010B	Total/NA

Client Sample ID: B4-3 — Lab Sample ID: 570-13749-24

No Detections.

Client Sample ID: B5-1 — Lab Sample ID: 570-13749-25

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.43		0.789		mg/Kg	1		6010B	Total/NA
Barium	158		0.526		mg/Kg	1		6010B	Total/NA
Beryllium	0.535		0.263		mg/Kg	1		6010B	Total/NA
Cobalt	6.09		0.263		mg/Kg	1		6010B	Total/NA
Chromium	18.3		0.263		mg/Kg	1		6010B	Total/NA
Copper	8.75		0.526		mg/Kg	1		6010B	Total/NA
Molybdenum	0.656		0.263		mg/Kg	1		6010B	Total/NA
Nickel	13.8		0.263		mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13749-1

Client Sample ID: B5-1 (Continued) — Lab Sample ID: 570-13749-25

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Vanadium	33.0		0.263		mg/Kg	1		6010B	Total/NA
Zinc	32.6		1.05		mg/Kg	1		6010B	Total/NA
Lead	0.838		0.526		mg/Kg	1		6010B	Total/NA

Client Sample ID: B5-3 — Lab Sample ID: 570-13749-26

No Detections.

Client Sample ID: B6-1 — Lab Sample ID: 570-13749-27

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
C6-C44	7.2		4.9		mg/Kg	1		8015B	Total/NA
Silver	0.353		0.238		mg/Kg	1		6010B	Total/NA
Arsenic	4.69		0.714		mg/Kg	1		6010B	Total/NA
Barium	146		0.476		mg/Kg	1		6010B	Total/NA
Beryllium	0.628		0.238		mg/Kg	1		6010B	Total/NA
Cobalt	7.81		0.238		mg/Kg	1		6010B	Total/NA
Chromium	23.0		0.238		mg/Kg	1		6010B	Total/NA
Copper	17.2		0.476		mg/Kg	1		6010B	Total/NA
Nickel	15.0		0.238		mg/Kg	1		6010B	Total/NA
Vanadium	36.0		0.238		mg/Kg	1		6010B	Total/NA
Zinc	57.0		0.952		mg/Kg	1		6010B	Total/NA
Lead	9.74		0.476		mg/Kg	1		6010B	Total/NA

Client Sample ID: B6-3 — Lab Sample ID: 570-13749-28

No Detections.

Client Sample ID: B7-1 — Lab Sample ID: 570-13749-29

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Arsenic	7.78		0.765		mg/Kg	1		6010B	Total/NA
Barium	147		0.510		mg/Kg	1		6010B	Total/NA
Beryllium	0.661		0.255		mg/Kg	1		6010B	Total/NA
Cobalt	8.21		0.255		mg/Kg	1		6010B	Total/NA
Chromium	22.3		0.255		mg/Kg	1		6010B	Total/NA
Copper	15.5		0.510		mg/Kg	1		6010B	Total/NA
Molybdenum	0.441		0.255		mg/Kg	1		6010B	Total/NA
Nickel	16.2		0.255		mg/Kg	1		6010B	Total/NA
Vanadium	39.0		0.255		mg/Kg	1		6010B	Total/NA
Zinc	47.7		1.02		mg/Kg	1		6010B	Total/NA
Lead	3.03		0.510		mg/Kg	1		6010B	Total/NA

Client Sample ID: B7-3 — Lab Sample ID: 570-13749-30

No Detections.

Client Sample ID: B8-1 — Lab Sample ID: 570-13749-31

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.67		0.718		mg/Kg	1		6010B	Total/NA
Barium	87.2		0.478		mg/Kg	1		6010B	Total/NA
Beryllium	0.322		0.239		mg/Kg	1		6010B	Total/NA
Cobalt	3.49		0.239		mg/Kg	1		6010B	Total/NA
Chromium	8.84		0.239		mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13749-1

Client Sample ID: B8-1 (Continued) — Lab Sample ID: 570-13749-31

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Copper	5.66		0.478	mg/Kg	1		6010B	Total/NA
Nickel	6.64		0.239	mg/Kg	1		6010B	Total/NA
Selenium	0.822		0.718	mg/Kg	1		6010B	Total/NA
Vanadium	16.2		0.239	mg/Kg	1		6010B	Total/NA
Zinc	21.4		0.957	mg/Kg	1		6010B	Total/NA
Lead	1.17		0.478	mg/Kg	1		6010B	Total/NA

Client Sample ID: B8-3 — Lab Sample ID: 570-13749-32

No Detections.

Client Sample ID: B9-3 — Lab Sample ID: 570-13749-33

No Detections.

Client Sample ID: B10-1 — Lab Sample ID: 570-13749-34

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.85		0.754	mg/Kg	1		6010B	Total/NA
Barium	133		0.503	mg/Kg	1		6010B	Total/NA
Beryllium	0.551		0.251	mg/Kg	1		6010B	Total/NA
Cobalt	7.96		0.251	mg/Kg	1		6010B	Total/NA
Chromium	16.7		0.251	mg/Kg	1		6010B	Total/NA
Copper	24.5		0.503	mg/Kg	1		6010B	Total/NA
Nickel	16.8		0.251	mg/Kg	1		6010B	Total/NA
Vanadium	33.8		0.251	mg/Kg	1		6010B	Total/NA
Zinc	39.4		1.01	mg/Kg	1		6010B	Total/NA
Lead	1.56		0.503	mg/Kg	1		6010B	Total/NA

Client Sample ID: B10-6 — Lab Sample ID: 570-13749-35

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	7.4		5.0	mg/Kg	1		8015B	Total/NA

Client Sample ID: B10-15 — Lab Sample ID: 570-13749-36

No Detections.

Client Sample ID: B11-1 — Lab Sample ID: 570-13749-37

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.74		0.728	mg/Kg	1		6010B	Total/NA
Barium	137		0.485	mg/Kg	1		6010B	Total/NA
Beryllium	0.578		0.243	mg/Kg	1		6010B	Total/NA
Cobalt	7.22		0.243	mg/Kg	1		6010B	Total/NA
Chromium	21.8		0.243	mg/Kg	1		6010B	Total/NA
Copper	23.5		0.485	mg/Kg	1		6010B	Total/NA
Nickel	14.8		0.243	mg/Kg	1		6010B	Total/NA
Vanadium	34.2		0.243	mg/Kg	1		6010B	Total/NA
Zinc	81.2		0.971	mg/Kg	1		6010B	Total/NA
Lead	16.8		0.485	mg/Kg	1		6010B	Total/NA

Client Sample ID: B11-6 — Lab Sample ID: 570-13749-38

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13749-1

Client Sample ID: B11-15 — Lab Sample ID: 570-13749-39

No Detections.

Client Sample ID: B12-1 — Lab Sample ID: 570-13749-40

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.24		0.735		mg/Kg	1		6010B	Total/NA
Barium	171		0.490		mg/Kg	1		6010B	Total/NA
Beryllium	0.474		0.245		mg/Kg	1		6010B	Total/NA
Cobalt	6.61		0.245		mg/Kg	1		6010B	Total/NA
Chromium	17.2		0.245		mg/Kg	1		6010B	Total/NA
Copper	12.6		0.490		mg/Kg	1		6010B	Total/NA
Nickel	12.9		0.245		mg/Kg	1		6010B	Total/NA
Vanadium	30.0		0.245		mg/Kg	1		6010B	Total/NA
Zinc	60.9		0.980		mg/Kg	1		6010B	Total/NA
Lead	28.8		0.490		mg/Kg	1		6010B	Total/NA

Client Sample ID: B12-5 — Lab Sample ID: 570-13749-42

No Detections.

Client Sample ID: B12-15 — Lab Sample ID: 570-13749-44

No Detections.

Client Sample ID: B13-1 — Lab Sample ID: 570-13749-48

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.92		0.721		mg/Kg	1		6010B	Total/NA
Barium	185		0.481		mg/Kg	1		6010B	Total/NA
Beryllium	0.478		0.240		mg/Kg	1		6010B	Total/NA
Cobalt	6.81		0.240		mg/Kg	1		6010B	Total/NA
Chromium	16.6		0.240		mg/Kg	1		6010B	Total/NA
Copper	11.4		0.481		mg/Kg	1		6010B	Total/NA
Nickel	12.2		0.240		mg/Kg	1		6010B	Total/NA
Vanadium	31.0		0.240		mg/Kg	1		6010B	Total/NA
Zinc	49.7		0.962		mg/Kg	1		6010B	Total/NA
Lead	14.4		0.481		mg/Kg	1		6010B	Total/NA
Mercury	0.176		0.0833		mg/Kg	1		7471A	Total/NA

Client Sample ID: B13-5 — Lab Sample ID: 570-13749-50

No Detections.

Client Sample ID: B17-1 — Lab Sample ID: 570-13749-51

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.63		0.754		mg/Kg	1		6010B	Total/NA
Barium	156		0.503		mg/Kg	1		6010B	Total/NA
Beryllium	0.660		0.251		mg/Kg	1		6010B	Total/NA
Cobalt	9.19		0.251		mg/Kg	1		6010B	Total/NA
Chromium	20.5		0.251		mg/Kg	1		6010B	Total/NA
Copper	23.0		0.503		mg/Kg	1		6010B	Total/NA
Nickel	17.1		0.251		mg/Kg	1		6010B	Total/NA
Vanadium	40.2		0.251		mg/Kg	1		6010B	Total/NA
Zinc	47.7		1.01		mg/Kg	1		6010B	Total/NA
Lead	4.59		0.503		mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13749-1

Client Sample ID: B18-1 — Lab Sample ID: 570-13749-54

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.84		0.761		mg/Kg	1		6010B	Total/NA
Barium	166		0.508		mg/Kg	1		6010B	Total/NA
Beryllium	0.733		0.254		mg/Kg	1		6010B	Total/NA
Cobalt	10.6		0.254		mg/Kg	1		6010B	Total/NA
Chromium	22.0		0.254		mg/Kg	1		6010B	Total/NA
Copper	31.4		0.508		mg/Kg	1		6010B	Total/NA
Nickel	20.9		0.254		mg/Kg	1		6010B	Total/NA
Vanadium	46.1		0.254		mg/Kg	1		6010B	Total/NA
Zinc	55.1		1.02		mg/Kg	1		6010B	Total/NA
Lead	2.26		0.508		mg/Kg	1		6010B	Total/NA

Client Sample ID: B19-1 — Lab Sample ID: 570-13749-57

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.96		0.721		mg/Kg	1		6010B	Total/NA
Barium	148		0.481		mg/Kg	1		6010B	Total/NA
Beryllium	0.634		0.240		mg/Kg	1		6010B	Total/NA
Cobalt	6.93		0.240		mg/Kg	1		6010B	Total/NA
Chromium	20.6		0.240		mg/Kg	1		6010B	Total/NA
Copper	19.1		0.481		mg/Kg	1		6010B	Total/NA
Nickel	15.4		0.240		mg/Kg	1		6010B	Total/NA
Vanadium	39.5		0.240		mg/Kg	1		6010B	Total/NA
Zinc	44.3		0.962		mg/Kg	1		6010B	Total/NA
Lead	3.16		0.481		mg/Kg	1		6010B	Total/NA

Client Sample ID: B20-1 — Lab Sample ID: 570-13749-60

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Arsenic	12.1		0.773		mg/Kg	1		6010B	Total/NA
Barium	168		0.515		mg/Kg	1		6010B	Total/NA
Beryllium	0.693		0.258		mg/Kg	1		6010B	Total/NA
Cobalt	10.5		0.258		mg/Kg	1		6010B	Total/NA
Chromium	24.0		0.258		mg/Kg	1		6010B	Total/NA
Copper	37.0		0.515		mg/Kg	1		6010B	Total/NA
Nickel	22.7		0.258		mg/Kg	1		6010B	Total/NA
Vanadium	41.7		0.258		mg/Kg	1		6010B	Total/NA
Zinc	60.6		1.03		mg/Kg	1		6010B	Total/NA
Lead	7.41		0.515		mg/Kg	1		6010B	Total/NA

Client Sample ID: B21-1 — Lab Sample ID: 570-13749-63

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
C25-C28	13		4.9		mg/Kg	1		8015B	Total/NA
C29-C32	28		4.9		mg/Kg	1		8015B	Total/NA
C33-C36	29		4.9		mg/Kg	1		8015B	Total/NA
C37-C40	27		4.9		mg/Kg	1		8015B	Total/NA
C41-C44	15		4.9		mg/Kg	1		8015B	Total/NA
C6-C44	110		4.9		mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	18		4.9		mg/Kg	1		8015B	Total/NA
Arsenic	0.956		0.773		mg/Kg	1		6010B	Total/NA
Barium	283		0.515		mg/Kg	1		6010B	Total/NA
Beryllium	0.304		0.258		mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience LLC

Detection Summary

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13749-1

Client Sample ID: B21-1 (Continued) — Lab Sample ID: 570-13749-63

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Cobalt	5.28		0.258		mg/Kg	1		6010B	Total/NA
Chromium	9.22		0.258		mg/Kg	1		6010B	Total/NA
Copper	6.58		0.515		mg/Kg	1		6010B	Total/NA
Nickel	8.91		0.258		mg/Kg	1		6010B	Total/NA
Vanadium	17.1		0.258		mg/Kg	1		6010B	Total/NA
Zinc	27.7		1.03		mg/Kg	1		6010B	Total/NA
Lead	1.41		0.515		mg/Kg	1		6010B	Total/NA
Mercury	0.135		0.0794		mg/Kg	1		7471A	Total/NA

Client Sample ID: B22-1 — Lab Sample ID: 570-13749-64

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Arsenic	1.76		0.765		mg/Kg	1		6010B	Total/NA
Barium	171		0.510		mg/Kg	1		6010B	Total/NA
Beryllium	0.301		0.255		mg/Kg	1		6010B	Total/NA
Cobalt	5.87		0.255		mg/Kg	1		6010B	Total/NA
Chromium	11.3		0.255		mg/Kg	1		6010B	Total/NA
Copper	8.97		0.510		mg/Kg	1		6010B	Total/NA
Nickel	8.94		0.255		mg/Kg	1		6010B	Total/NA
Vanadium	19.1		0.255		mg/Kg	1		6010B	Total/NA
Zinc	44.0		1.02		mg/Kg	1		6010B	Total/NA
Lead	7.52		0.510		mg/Kg	1		6010B	Total/NA

Client Sample ID: B22-5 — Lab Sample ID: 570-13749-66

No Detections.

Client Sample ID: B24-1 — Lab Sample ID: 570-13749-70

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.63		0.758		mg/Kg	1		6010B	Total/NA
Barium	246		0.505		mg/Kg	1		6010B	Total/NA
Beryllium	0.461		0.253		mg/Kg	1		6010B	Total/NA
Cobalt	7.69		0.253		mg/Kg	1		6010B	Total/NA
Chromium	15.0		0.253		mg/Kg	1		6010B	Total/NA
Copper	21.9		0.505		mg/Kg	1		6010B	Total/NA
Nickel	13.9		0.253		mg/Kg	1		6010B	Total/NA
Vanadium	27.5		0.253		mg/Kg	1		6010B	Total/NA
Zinc	115		1.01		mg/Kg	1		6010B	Total/NA
Lead	40.4		0.505		mg/Kg	1		6010B	Total/NA

Client Sample ID: B26-1 — Lab Sample ID: 570-13749-76

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Arsenic	3.00		0.754		mg/Kg	1		6010B	Total/NA
Barium	123		0.503		mg/Kg	1		6010B	Total/NA
Beryllium	0.511		0.251		mg/Kg	1		6010B	Total/NA
Cobalt	7.37		0.251		mg/Kg	1		6010B	Total/NA
Chromium	16.2		0.251		mg/Kg	1		6010B	Total/NA
Copper	19.1		0.503		mg/Kg	1		6010B	Total/NA
Nickel	14.6		0.251		mg/Kg	1		6010B	Total/NA
Vanadium	31.2		0.251		mg/Kg	1		6010B	Total/NA
Zinc	55.6		1.01		mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13749-1

Client Sample ID: B26-1 (Continued)

Lab Sample ID: 570-13749-76

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Lead	20.3		0.503		mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13749-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: B1-5
Date Collected: 11/20/19 12:50
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-2
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.84	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
1,1,1-Trichloroethane	ND		0.84	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
1,1,2,2-Tetrachloroethane	ND		1.7	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*	8.4	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
1,1,2-Trichloroethane	ND		0.84	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
1,1-Dichloroethane	ND	*	0.84	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
1,1-Dichloroethene	ND		0.84	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
1,1-Dichloropropene	ND		1.7	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
1,2,3-Trichlorobenzene	ND		1.7	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
1,2,3-Trichloropropane	ND		1.7	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
1,2,4-Trichlorobenzene	ND		1.7	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
1,2,4-Trimethylbenzene	ND		1.7	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
1,2-Dibromo-3-Chloropropane	ND		8.4	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
1,2-Dibromoethane	ND		0.84	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
1,2-Dichlorobenzene	ND		0.84	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
1,2-Dichloroethane	ND		0.84	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
1,2-Dichloropropane	ND		0.84	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
1,3,5-Trimethylbenzene	ND		1.7	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
1,3-Dichlorobenzene	ND		0.84	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
1,3-Dichloropropane	ND		0.84	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
1,4-Dichlorobenzene	ND		0.84	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
2,2-Dichloropropane	ND		4.2	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
2-Butanone	ND		17	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
2-Chlorotoluene	ND		0.84	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
2-Hexanone	ND		17	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
4-Chlorotoluene	ND		0.84	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
4-Methyl-2-pentanone	ND		17	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
Acetone	ND		42	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
Benzene	ND		0.84	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
Bromobenzene	ND		0.84	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
Bromochloromethane	ND		1.7	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
Bromodichloromethane	ND		0.84	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
Bromoform	ND		4.2	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
Bromomethane	ND		17	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
cis-1,2-Dichloroethene	ND		0.84	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
cis-1,3-Dichloropropene	ND		0.84	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
Carbon disulfide	ND		8.4	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
Carbon tetrachloride	ND		0.84	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
Chlorobenzene	ND		0.84	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
Chloroethane	ND		1.7	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
Chloroform	ND		0.84	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
Chloromethane	ND		17	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
Dibromochloromethane	ND		1.7	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
Dibromomethane	ND		0.84	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
Dichlorodifluoromethane	ND		1.7	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
Di-isopropyl ether (DIPE)	ND		0.84	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
Ethanol	ND		420	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
Ethylbenzene	ND		0.84	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
Ethyl-t-butyl ether (ETBE)	ND		0.84	ug/Kg		11/25/19 16:50	11/27/19 18:01	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B1-5
Date Collected: 11/20/19 12:50
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-2
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		0.84	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
Methylene Chloride	ND		8.4	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
Methyl-t-Butyl Ether (MTBE)	ND		1.7	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
Naphthalene	ND		8.4	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
n-Butylbenzene	ND		0.84	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
N-Propylbenzene	ND		1.7	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
o-Xylene	ND		0.84	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
m,p-Xylene	ND		1.7	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
p-Isopropyltoluene	ND		0.84	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
sec-Butylbenzene	ND		0.84	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
Styrene	ND		0.84	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
trans-1,2-Dichloroethene	ND		0.84	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
trans-1,3-Dichloropropene	ND		1.7	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
Tert-amyl-methyl ether (TAME)	ND		0.84	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
tert-Butyl alcohol (TBA)	ND		17	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
tert-Butylbenzene	ND		0.84	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
Tetrachloroethene	ND		0.84	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
Toluene	ND		0.84	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
Trichloroethene	ND		1.7	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
Trichlorofluoromethane	ND		8.4	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
Vinyl acetate	ND		8.4	ug/Kg		11/25/19 16:50	11/27/19 18:01	1
Vinyl chloride	ND		0.84	ug/Kg		11/25/19 16:50	11/27/19 18:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*71 - 155*	*11/25/19 16:50*	*11/27/19 18:01*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*	*11/25/19 16:50*	*11/27/19 18:01*	*1*
Dibromofluoromethane (Surr)	*105*		*79 - 133*	*11/25/19 16:50*	*11/27/19 18:01*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*11/25/19 16:50*	*11/27/19 18:01*	*1*

Client Sample ID: B1-15
Date Collected: 11/20/19 13:00
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-4
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.91	ug/Kg		11/25/19 16:50	11/27/19 18:27	1
1,1,1-Trichloroethane	ND		0.91	ug/Kg		11/25/19 16:50	11/27/19 18:27	1
1,1,2,2-Tetrachloroethane	ND		1.8	ug/Kg		11/25/19 16:50	11/27/19 18:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*	9.1	ug/Kg		11/25/19 16:50	11/27/19 18:27	1
1,1,2-Trichloroethane	ND		0.91	ug/Kg		11/25/19 16:50	11/27/19 18:27	1
1,1-Dichloroethane	ND	*	0.91	ug/Kg		11/25/19 16:50	11/27/19 18:27	1
1,1-Dichloroethene	ND		0.91	ug/Kg		11/25/19 16:50	11/27/19 18:27	1
1,1-Dichloropropene	ND		1.8	ug/Kg		11/25/19 16:50	11/27/19 18:27	1
1,2,3-Trichlorobenzene	ND		1.8	ug/Kg		11/25/19 16:50	11/27/19 18:27	1
1,2,3-Trichloropropane	ND		1.8	ug/Kg		11/25/19 16:50	11/27/19 18:27	1
1,2,4-Trichlorobenzene	ND		1.8	ug/Kg		11/25/19 16:50	11/27/19 18:27	1
1,2,4-Trimethylbenzene	ND		1.8	ug/Kg		11/25/19 16:50	11/27/19 18:27	1
1,2-Dibromo-3-Chloropropane	ND		9.1	ug/Kg		11/25/19 16:50	11/27/19 18:27	1
1,2-Dibromoethane	ND		0.91	ug/Kg		11/25/19 16:50	11/27/19 18:27	1
1,2-Dichlorobenzene	ND		0.91	ug/Kg		11/25/19 16:50	11/27/19 18:27	1
1,2-Dichloroethane	ND		0.91	ug/Kg		11/25/19 16:50	11/27/19 18:27	1
1,2-Dichloropropane	ND		0.91	ug/Kg		11/25/19 16:50	11/27/19 18:27	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B1-15
Date Collected: 11/20/19 13:00
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-4
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	ND		1.8		ug/Kg		11/25/19 16:50	11/27/19 18:27	1
1,3-Dichlorobenzene	ND		0.91		ug/Kg		11/25/19 16:50	11/27/19 18:27	1
1,3-Dichloropropane	ND		0.91		ug/Kg		11/25/19 16:50	11/27/19 18:27	1
1,4-Dichlorobenzene	ND		0.91		ug/Kg		11/25/19 16:50	11/27/19 18:27	1
2,2-Dichloropropane	ND		4.6		ug/Kg		11/25/19 16:50	11/27/19 18:27	1
2-Butanone	ND		18		ug/Kg		11/25/19 16:50	11/27/19 18:27	1
2-Chlorotoluene	ND		0.91		ug/Kg		11/25/19 16:50	11/27/19 18:27	1
2-Hexanone	ND		18		ug/Kg		11/25/19 16:50	11/27/19 18:27	1
4-Chlorotoluene	ND		0.91		ug/Kg		11/25/19 16:50	11/27/19 18:27	1
4-Methyl-2-pentanone	ND		18		ug/Kg		11/25/19 16:50	11/27/19 18:27	1
Acetone	ND		46		ug/Kg		11/25/19 16:50	11/27/19 18:27	1
Benzene	ND		0.91		ug/Kg		11/25/19 16:50	11/27/19 18:27	1
Bromobenzene	ND		0.91		ug/Kg		11/25/19 16:50	11/27/19 18:27	1
Bromochloromethane	ND		1.8		ug/Kg		11/25/19 16:50	11/27/19 18:27	1
Bromodichloromethane	ND		0.91		ug/Kg		11/25/19 16:50	11/27/19 18:27	1
Bromoform	ND		4.6		ug/Kg		11/25/19 16:50	11/27/19 18:27	1
Bromomethane	ND		18		ug/Kg		11/25/19 16:50	11/27/19 18:27	1
cis-1,2-Dichloroethene	ND		0.91		ug/Kg		11/25/19 16:50	11/27/19 18:27	1
cis-1,3-Dichloropropene	ND		0.91		ug/Kg		11/25/19 16:50	11/27/19 18:27	1
Carbon disulfide	ND		9.1		ug/Kg		11/25/19 16:50	11/27/19 18:27	1
Carbon tetrachloride	ND		0.91		ug/Kg		11/25/19 16:50	11/27/19 18:27	1
Chlorobenzene	ND		0.91		ug/Kg		11/25/19 16:50	11/27/19 18:27	1
Chloroethane	ND		1.8		ug/Kg		11/25/19 16:50	11/27/19 18:27	1
Chloroform	ND		0.91		ug/Kg		11/25/19 16:50	11/27/19 18:27	1
Chloromethane	ND		18		ug/Kg		11/25/19 16:50	11/27/19 18:27	1
Dibromochloromethane	ND		1.8		ug/Kg		11/25/19 16:50	11/27/19 18:27	1
Dibromomethane	ND		0.91		ug/Kg		11/25/19 16:50	11/27/19 18:27	1
Dichlorodifluoromethane	ND		1.8		ug/Kg		11/25/19 16:50	11/27/19 18:27	1
Di-isopropyl ether (DIPE)	ND		0.91		ug/Kg		11/25/19 16:50	11/27/19 18:27	1
Ethanol	ND		460		ug/Kg		11/25/19 16:50	11/27/19 18:27	1
Ethylbenzene	ND		0.91		ug/Kg		11/25/19 16:50	11/27/19 18:27	1
Ethyl-t-butyl ether (ETBE)	ND		0.91		ug/Kg		11/25/19 16:50	11/27/19 18:27	1
Isopropylbenzene	ND		0.91		ug/Kg		11/25/19 16:50	11/27/19 18:27	1
Methylene Chloride	ND		9.1		ug/Kg		11/25/19 16:50	11/27/19 18:27	1
Methyl-t-Butyl Ether (MTBE)	ND		1.8		ug/Kg		11/25/19 16:50	11/27/19 18:27	1
Naphthalene	ND		9.1		ug/Kg		11/25/19 16:50	11/27/19 18:27	1
n-Butylbenzene	ND		0.91		ug/Kg		11/25/19 16:50	11/27/19 18:27	1
N-Propylbenzene	ND		1.8		ug/Kg		11/25/19 16:50	11/27/19 18:27	1
o-Xylene	ND		0.91		ug/Kg		11/25/19 16:50	11/27/19 18:27	1
m,p-Xylene	ND		1.8		ug/Kg		11/25/19 16:50	11/27/19 18:27	1
p-Isopropyltoluene	ND		0.91		ug/Kg		11/25/19 16:50	11/27/19 18:27	1
sec-Butylbenzene	ND		0.91		ug/Kg		11/25/19 16:50	11/27/19 18:27	1
Styrene	ND		0.91		ug/Kg		11/25/19 16:50	11/27/19 18:27	1
trans-1,2-Dichloroethene	ND		0.91		ug/Kg		11/25/19 16:50	11/27/19 18:27	1
trans-1,3-Dichloropropene	ND		1.8		ug/Kg		11/25/19 16:50	11/27/19 18:27	1
Tert-amyl-methyl ether (TAME)	ND		0.91		ug/Kg		11/25/19 16:50	11/27/19 18:27	1
tert-Butyl alcohol (TBA)	ND		18		ug/Kg		11/25/19 16:50	11/27/19 18:27	1
tert-Butylbenzene	ND		0.91		ug/Kg		11/25/19 16:50	11/27/19 18:27	1
Tetrachloroethene	ND		0.91		ug/Kg		11/25/19 16:50	11/27/19 18:27	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B1-15
Date Collected: 11/20/19 13:00
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-4
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		0.91	ug/Kg		11/25/19 16:50	11/27/19 18:27	1
Trichloroethene	ND		1.8	ug/Kg		11/25/19 16:50	11/27/19 18:27	1
Trichlorofluoromethane	ND		9.1	ug/Kg		11/25/19 16:50	11/27/19 18:27	1
Vinyl acetate	ND		9.1	ug/Kg		11/25/19 16:50	11/27/19 18:27	1
Vinyl chloride	ND		0.91	ug/Kg		11/25/19 16:50	11/27/19 18:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*71 - 155*	*11/25/19 16:50*	*11/27/19 18:27*	*1*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*	*11/25/19 16:50*	*11/27/19 18:27*	*1*
Dibromofluoromethane (Surr)	*101*		*79 - 133*	*11/25/19 16:50*	*11/27/19 18:27*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*11/25/19 16:50*	*11/27/19 18:27*	*1*

Client Sample ID: B2-5
Date Collected: 11/20/19 13:35
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-10
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.88	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
1,1,1-Trichloroethane	ND		0.88	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
1,1,2,2-Tetrachloroethane	ND		1.8	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	*	8.8	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
1,1,2-Trichloroethane	ND		0.88	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
1,1-Dichloroethane	ND	*	0.88	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
1,1-Dichloroethene	ND		0.88	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
1,1-Dichloropropene	ND		1.8	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
1,2,3-Trichlorobenzene	ND		1.8	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
1,2,3-Trichloropropane	ND		1.8	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
1,2,4-Trichlorobenzene	ND		1.8	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
1,2,4-Trimethylbenzene	ND		1.8	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
1,2-Dibromo-3-Chloropropane	ND		8.8	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
1,2-Dibromoethane	ND		0.88	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
1,2-Dichlorobenzene	ND		0.88	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
1,2-Dichloroethane	ND		0.88	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
1,2-Dichloropropane	ND		0.88	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
1,3,5-Trimethylbenzene	ND		1.8	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
1,3-Dichlorobenzene	ND		0.88	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
1,3-Dichloropropane	ND		0.88	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
1,4-Dichlorobenzene	ND		0.88	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
2,2-Dichloropropane	ND		4.4	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
2-Butanone	ND		18	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
2-Chlorotoluene	ND		0.88	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
2-Hexanone	ND		18	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
4-Chlorotoluene	ND		0.88	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
4-Methyl-2-pentanone	ND		18	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
Acetone	**46**		44	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
Benzene	ND		0.88	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
Bromobenzene	ND		0.88	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
Bromochloromethane	ND		1.8	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
Bromodichloromethane	ND		0.88	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
Bromoform	ND		4.4	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
Bromomethane	ND		18	ug/Kg		11/25/19 16:50	11/27/19 18:53	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B2-5
Date Collected: 11/20/19 13:35
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-10
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		0.88	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
cis-1,3-Dichloropropene	ND		0.88	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
Carbon disulfide	ND		8.8	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
Carbon tetrachloride	ND		0.88	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
Chlorobenzene	ND		0.88	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
Chloroethane	ND		1.8	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
Chloroform	ND		0.88	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
Chloromethane	ND		18	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
Dibromochloromethane	ND		1.8	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
Dibromomethane	ND		0.88	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
Dichlorodifluoromethane	ND		1.8	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
Di-isopropyl ether (DIPE)	ND		0.88	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
Ethanol	ND		440	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
Ethylbenzene	ND		0.88	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
Ethyl-t-butyl ether (ETBE)	ND		0.88	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
Isopropylbenzene	ND		0.88	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
Methylene Chloride	ND		8.8	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
Methyl-t-Butyl Ether (MTBE)	ND		1.8	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
Naphthalene	ND		8.8	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
n-Butylbenzene	ND		0.88	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
N-Propylbenzene	ND		1.8	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
o-Xylene	ND		0.88	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
m,p-Xylene	ND		1.8	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
p-Isopropyltoluene	ND		0.88	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
sec-Butylbenzene	ND		0.88	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
Styrene	ND		0.88	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
trans-1,2-Dichloroethene	ND		0.88	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
trans-1,3-Dichloropropene	ND		1.8	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
Tert-amyl-methyl ether (TAME)	ND		0.88	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
tert-Butyl alcohol (TBA)	ND		18	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
tert-Butylbenzene	ND		0.88	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
Tetrachloroethene	ND		0.88	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
Toluene	ND		0.88	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
Trichloroethene	ND		1.8	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
Trichlorofluoromethane	ND		8.8	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
Vinyl acetate	ND		8.8	ug/Kg		11/25/19 16:50	11/27/19 18:53	1
Vinyl chloride	ND		0.88	ug/Kg		11/25/19 16:50	11/27/19 18:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*111*		*71 - 155*	*11/25/19 16:50*	*11/27/19 18:53*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*	*11/25/19 16:50*	*11/27/19 18:53*	*1*
Dibromofluoromethane (Surr)	*103*		*79 - 133*	*11/25/19 16:50*	*11/27/19 18:53*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*11/25/19 16:50*	*11/27/19 18:53*	*1*

Client Sample ID: B2-15
Date Collected: 11/20/19 13:50
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-12
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.79	ug/Kg		11/25/19 16:50	11/27/19 13:38	1
1,1,1-Trichloroethane	ND		0.79	ug/Kg		11/25/19 16:50	11/27/19 13:38	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B2-15
Date Collected: 11/20/19 13:50
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-12
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		1.6		ug/Kg		11/25/19 16:50	11/27/19 13:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7.9		ug/Kg		11/25/19 16:50	11/27/19 13:38	1
1,1,2-Trichloroethane	ND		0.79		ug/Kg		11/25/19 16:50	11/27/19 13:38	1
1,1-Dichloroethane	ND		0.79		ug/Kg		11/25/19 16:50	11/27/19 13:38	1
1,1-Dichloroethene	ND		0.79		ug/Kg		11/25/19 16:50	11/27/19 13:38	1
1,1-Dichloropropene	ND		1.6		ug/Kg		11/25/19 16:50	11/27/19 13:38	1
1,2,3-Trichlorobenzene	ND		1.6		ug/Kg		11/25/19 16:50	11/27/19 13:38	1
1,2,3-Trichloropropane	ND		1.6		ug/Kg		11/25/19 16:50	11/27/19 13:38	1
1,2,4-Trichlorobenzene	ND		1.6		ug/Kg		11/25/19 16:50	11/27/19 13:38	1
1,2,4-Trimethylbenzene	ND		1.6		ug/Kg		11/25/19 16:50	11/27/19 13:38	1
1,2-Dibromo-3-Chloropropane	ND		7.9		ug/Kg		11/25/19 16:50	11/27/19 13:38	1
1,2-Dibromoethane	ND		0.79		ug/Kg		11/25/19 16:50	11/27/19 13:38	1
1,2-Dichlorobenzene	ND		0.79		ug/Kg		11/25/19 16:50	11/27/19 13:38	1
1,2-Dichloroethane	ND		0.79		ug/Kg		11/25/19 16:50	11/27/19 13:38	1
1,2-Dichloropropane	ND		0.79		ug/Kg		11/25/19 16:50	11/27/19 13:38	1
1,3,5-Trimethylbenzene	ND		1.6		ug/Kg		11/25/19 16:50	11/27/19 13:38	1
1,3-Dichlorobenzene	ND		0.79		ug/Kg		11/25/19 16:50	11/27/19 13:38	1
1,3-Dichloropropane	ND		0.79		ug/Kg		11/25/19 16:50	11/27/19 13:38	1
1,4-Dichlorobenzene	ND		0.79		ug/Kg		11/25/19 16:50	11/27/19 13:38	1
2,2-Dichloropropane	ND		4.0		ug/Kg		11/25/19 16:50	11/27/19 13:38	1
2-Butanone	ND		16		ug/Kg		11/25/19 16:50	11/27/19 13:38	1
2-Chlorotoluene	ND		0.79		ug/Kg		11/25/19 16:50	11/27/19 13:38	1
2-Hexanone	ND		16		ug/Kg		11/25/19 16:50	11/27/19 13:38	1
4-Chlorotoluene	ND		0.79		ug/Kg		11/25/19 16:50	11/27/19 13:38	1
4-Methyl-2-pentanone	ND		16		ug/Kg		11/25/19 16:50	11/27/19 13:38	1
Acetone	ND		40		ug/Kg		11/25/19 16:50	11/27/19 13:38	1
Benzene	ND		0.79		ug/Kg		11/25/19 16:50	11/27/19 13:38	1
Bromobenzene	ND		0.79		ug/Kg		11/25/19 16:50	11/27/19 13:38	1
Bromochloromethane	ND		1.6		ug/Kg		11/25/19 16:50	11/27/19 13:38	1
Bromodichloromethane	ND		0.79		ug/Kg		11/25/19 16:50	11/27/19 13:38	1
Bromoform	ND		4.0		ug/Kg		11/25/19 16:50	11/27/19 13:38	1
Bromomethane	ND		16		ug/Kg		11/25/19 16:50	11/27/19 13:38	1
cis-1,2-Dichloroethene	ND		0.79		ug/Kg		11/25/19 16:50	11/27/19 13:38	1
cis-1,3-Dichloropropene	ND		0.79		ug/Kg		11/25/19 16:50	11/27/19 13:38	1
Carbon disulfide	ND		7.9		ug/Kg		11/25/19 16:50	11/27/19 13:38	1
Carbon tetrachloride	ND		0.79		ug/Kg		11/25/19 16:50	11/27/19 13:38	1
Chlorobenzene	ND		0.79		ug/Kg		11/25/19 16:50	11/27/19 13:38	1
Chloroethane	ND		1.6		ug/Kg		11/25/19 16:50	11/27/19 13:38	1
Chloroform	ND		0.79		ug/Kg		11/25/19 16:50	11/27/19 13:38	1
Chloromethane	ND		16		ug/Kg		11/25/19 16:50	11/27/19 13:38	1
Dibromochloromethane	ND		1.6		ug/Kg		11/25/19 16:50	11/27/19 13:38	1
Dibromomethane	ND		0.79		ug/Kg		11/25/19 16:50	11/27/19 13:38	1
Dichlorodifluoromethane	ND		1.6		ug/Kg		11/25/19 16:50	11/27/19 13:38	1
Di-isopropyl ether (DIPE)	ND		0.79		ug/Kg		11/25/19 16:50	11/27/19 13:38	1
Ethanol	ND		400		ug/Kg		11/25/19 16:50	11/27/19 13:38	1
Ethylbenzene	ND		0.79		ug/Kg		11/25/19 16:50	11/27/19 13:38	1
Ethyl-t-butyl ether (ETBE)	ND		0.79		ug/Kg		11/25/19 16:50	11/27/19 13:38	1
Isopropylbenzene	ND		0.79		ug/Kg		11/25/19 16:50	11/27/19 13:38	1
Methylene Chloride	ND		7.9		ug/Kg		11/25/19 16:50	11/27/19 13:38	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B2-15
Date Collected: 11/20/19 13:50
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-12
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-t-Butyl Ether (MTBE)	ND		1.6	ug/Kg		11/25/19 16:50	11/27/19 13:38	1
Naphthalene	ND		7.9	ug/Kg		11/25/19 16:50	11/27/19 13:38	1
n-Butylbenzene	ND		0.79	ug/Kg		11/25/19 16:50	11/27/19 13:38	1
N-Propylbenzene	ND		1.6	ug/Kg		11/25/19 16:50	11/27/19 13:38	1
o-Xylene	ND		0.79	ug/Kg		11/25/19 16:50	11/27/19 13:38	1
m,p-Xylene	ND		1.6	ug/Kg		11/25/19 16:50	11/27/19 13:38	1
p-Isopropyltoluene	ND		0.79	ug/Kg		11/25/19 16:50	11/27/19 13:38	1
sec-Butylbenzene	ND		0.79	ug/Kg		11/25/19 16:50	11/27/19 13:38	1
Styrene	ND		0.79	ug/Kg		11/25/19 16:50	11/27/19 13:38	1
trans-1,2-Dichloroethene	ND		0.79	ug/Kg		11/25/19 16:50	11/27/19 13:38	1
trans-1,3-Dichloropropene	ND		1.6	ug/Kg		11/25/19 16:50	11/27/19 13:38	1
Tert-amyl-methyl ether (TAME)	ND		0.79	ug/Kg		11/25/19 16:50	11/27/19 13:38	1
tert-Butyl alcohol (TBA)	ND		16	ug/Kg		11/25/19 16:50	11/27/19 13:38	1
tert-Butylbenzene	ND		0.79	ug/Kg		11/25/19 16:50	11/27/19 13:38	1
Tetrachloroethene	ND		0.79	ug/Kg		11/25/19 16:50	11/27/19 13:38	1
Toluene	ND		0.79	ug/Kg		11/25/19 16:50	11/27/19 13:38	1
Trichloroethene	ND		1.6	ug/Kg		11/25/19 16:50	11/27/19 13:38	1
Trichlorofluoromethane	ND		7.9	ug/Kg		11/25/19 16:50	11/27/19 13:38	1
Vinyl acetate	ND		7.9	ug/Kg		11/25/19 16:50	11/27/19 13:38	1
Vinyl chloride	ND		0.79	ug/Kg		11/25/19 16:50	11/27/19 13:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*71 - 155*	*11/25/19 16:50*	*11/27/19 13:38*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*	*11/25/19 16:50*	*11/27/19 13:38*	*1*
Dibromofluoromethane (Surr)	*110*		*79 - 133*	*11/25/19 16:50*	*11/27/19 13:38*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*11/25/19 16:50*	*11/27/19 13:38*	*1*

Client Sample ID: B3-5
Date Collected: 11/20/19 14:35
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-17
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.95	ug/Kg		11/25/19 16:52	11/27/19 14:04	1
1,1,1-Trichloroethane	ND		0.95	ug/Kg		11/25/19 16:52	11/27/19 14:04	1
1,1,2,2-Tetrachloroethane	ND		1.9	ug/Kg		11/25/19 16:52	11/27/19 14:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.5	ug/Kg		11/25/19 16:52	11/27/19 14:04	1
1,1,2-Trichloroethane	ND		0.95	ug/Kg		11/25/19 16:52	11/27/19 14:04	1
1,1-Dichloroethane	ND		0.95	ug/Kg		11/25/19 16:52	11/27/19 14:04	1
1,1-Dichloroethene	ND		0.95	ug/Kg		11/25/19 16:52	11/27/19 14:04	1
1,1-Dichloropropene	ND		1.9	ug/Kg		11/25/19 16:52	11/27/19 14:04	1
1,2,3-Trichlorobenzene	ND		1.9	ug/Kg		11/25/19 16:52	11/27/19 14:04	1
1,2,3-Trichloropropane	ND		1.9	ug/Kg		11/25/19 16:52	11/27/19 14:04	1
1,2,4-Trichlorobenzene	ND		1.9	ug/Kg		11/25/19 16:52	11/27/19 14:04	1
1,2,4-Trimethylbenzene	ND		1.9	ug/Kg		11/25/19 16:52	11/27/19 14:04	1
1,2-Dibromo-3-Chloropropane	ND		9.5	ug/Kg		11/25/19 16:52	11/27/19 14:04	1
1,2-Dibromoethane	ND		0.95	ug/Kg		11/25/19 16:52	11/27/19 14:04	1
1,2-Dichlorobenzene	ND		0.95	ug/Kg		11/25/19 16:52	11/27/19 14:04	1
1,2-Dichloroethane	ND		0.95	ug/Kg		11/25/19 16:52	11/27/19 14:04	1
1,2-Dichloropropane	ND		0.95	ug/Kg		11/25/19 16:52	11/27/19 14:04	1
1,3,5-Trimethylbenzene	ND		1.9	ug/Kg		11/25/19 16:52	11/27/19 14:04	1
1,3-Dichlorobenzene	ND		0.95	ug/Kg		11/25/19 16:52	11/27/19 14:04	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B3-5
Date Collected: 11/20/19 14:35
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-17
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	ND		0.95		ug/Kg		11/25/19 16:52	11/27/19 14:04	1
1,4-Dichlorobenzene	ND		0.95		ug/Kg		11/25/19 16:52	11/27/19 14:04	1
2,2-Dichloropropane	ND		4.8		ug/Kg		11/25/19 16:52	11/27/19 14:04	1
2-Butanone	ND		19		ug/Kg		11/25/19 16:52	11/27/19 14:04	1
2-Chlorotoluene	ND		0.95		ug/Kg		11/25/19 16:52	11/27/19 14:04	1
2-Hexanone	ND		19		ug/Kg		11/25/19 16:52	11/27/19 14:04	1
4-Chlorotoluene	ND		0.95		ug/Kg		11/25/19 16:52	11/27/19 14:04	1
4-Methyl-2-pentanone	ND		19		ug/Kg		11/25/19 16:52	11/27/19 14:04	1
Acetone	ND		48		ug/Kg		11/25/19 16:52	11/27/19 14:04	1
Benzene	ND		0.95		ug/Kg		11/25/19 16:52	11/27/19 14:04	1
Bromobenzene	ND		0.95		ug/Kg		11/25/19 16:52	11/27/19 14:04	1
Bromochloromethane	ND		1.9		ug/Kg		11/25/19 16:52	11/27/19 14:04	1
Bromodichloromethane	ND		0.95		ug/Kg		11/25/19 16:52	11/27/19 14:04	1
Bromoform	ND		4.8		ug/Kg		11/25/19 16:52	11/27/19 14:04	1
Bromomethane	ND		19		ug/Kg		11/25/19 16:52	11/27/19 14:04	1
cis-1,2-Dichloroethene	ND		0.95		ug/Kg		11/25/19 16:52	11/27/19 14:04	1
cis-1,3-Dichloropropene	ND		0.95		ug/Kg		11/25/19 16:52	11/27/19 14:04	1
Carbon disulfide	ND		9.5		ug/Kg		11/25/19 16:52	11/27/19 14:04	1
Carbon tetrachloride	ND		0.95		ug/Kg		11/25/19 16:52	11/27/19 14:04	1
Chlorobenzene	ND		0.95		ug/Kg		11/25/19 16:52	11/27/19 14:04	1
Chloroethane	ND		1.9		ug/Kg		11/25/19 16:52	11/27/19 14:04	1
Chloroform	ND		0.95		ug/Kg		11/25/19 16:52	11/27/19 14:04	1
Chloromethane	ND		19		ug/Kg		11/25/19 16:52	11/27/19 14:04	1
Dibromochloromethane	ND		1.9		ug/Kg		11/25/19 16:52	11/27/19 14:04	1
Dibromomethane	ND		0.95		ug/Kg		11/25/19 16:52	11/27/19 14:04	1
Dichlorodifluoromethane	ND		1.9		ug/Kg		11/25/19 16:52	11/27/19 14:04	1
Di-isopropyl ether (DIPE)	ND		0.95		ug/Kg		11/25/19 16:52	11/27/19 14:04	1
Ethanol	ND		480		ug/Kg		11/25/19 16:52	11/27/19 14:04	1
Ethylbenzene	ND		0.95		ug/Kg		11/25/19 16:52	11/27/19 14:04	1
Ethyl-t-butyl ether (ETBE)	ND		0.95		ug/Kg		11/25/19 16:52	11/27/19 14:04	1
Isopropylbenzene	ND		0.95		ug/Kg		11/25/19 16:52	11/27/19 14:04	1
Methylene Chloride	ND		9.5		ug/Kg		11/25/19 16:52	11/27/19 14:04	1
Methyl-t-Butyl Ether (MTBE)	ND		1.9		ug/Kg		11/25/19 16:52	11/27/19 14:04	1
Naphthalene	ND		9.5		ug/Kg		11/25/19 16:52	11/27/19 14:04	1
n-Butylbenzene	ND		0.95		ug/Kg		11/25/19 16:52	11/27/19 14:04	1
N-Propylbenzene	ND		1.9		ug/Kg		11/25/19 16:52	11/27/19 14:04	1
o-Xylene	ND		0.95		ug/Kg		11/25/19 16:52	11/27/19 14:04	1
m,p-Xylene	ND		1.9		ug/Kg		11/25/19 16:52	11/27/19 14:04	1
p-Isopropyltoluene	ND		0.95		ug/Kg		11/25/19 16:52	11/27/19 14:04	1
sec-Butylbenzene	ND		0.95		ug/Kg		11/25/19 16:52	11/27/19 14:04	1
Styrene	ND		0.95		ug/Kg		11/25/19 16:52	11/27/19 14:04	1
trans-1,2-Dichloroethene	ND		0.95		ug/Kg		11/25/19 16:52	11/27/19 14:04	1
trans-1,3-Dichloropropene	ND		1.9		ug/Kg		11/25/19 16:52	11/27/19 14:04	1
Tert-amyl-methyl ether (TAME)	ND		0.95		ug/Kg		11/25/19 16:52	11/27/19 14:04	1
tert-Butyl alcohol (TBA)	ND		19		ug/Kg		11/25/19 16:52	11/27/19 14:04	1
tert-Butylbenzene	ND		0.95		ug/Kg		11/25/19 16:52	11/27/19 14:04	1
Tetrachloroethene	ND		0.95		ug/Kg		11/25/19 16:52	11/27/19 14:04	1
Toluene	ND		0.95		ug/Kg		11/25/19 16:52	11/27/19 14:04	1
Trichloroethene	ND		1.9		ug/Kg		11/25/19 16:52	11/27/19 14:04	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B3-5
Date Collected: 11/20/19 14:35
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-17
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		9.5	ug/Kg		11/25/19 16:52	11/27/19 14:04	1
Vinyl acetate	ND		9.5	ug/Kg		11/25/19 16:52	11/27/19 14:04	1
Vinyl chloride	ND		0.95	ug/Kg		11/25/19 16:52	11/27/19 14:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*122*		*71 - 155*	*11/25/19 16:52*	*11/27/19 14:04*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*	*11/25/19 16:52*	*11/27/19 14:04*	*1*
Dibromofluoromethane (Surr)	*110*		*79 - 133*	*11/25/19 16:52*	*11/27/19 14:04*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*11/25/19 16:52*	*11/27/19 14:04*	*1*

Client Sample ID: B3-15
Date Collected: 11/20/19 14:50
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-19
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.84	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
1,1,1-Trichloroethane	ND		0.84	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
1,1,2,2-Tetrachloroethane	ND		1.7	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.4	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
1,1,2-Trichloroethane	ND		0.84	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
1,1-Dichloroethane	ND		0.84	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
1,1-Dichloroethene	ND		0.84	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
1,1-Dichloropropene	ND		1.7	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
1,2,3-Trichlorobenzene	ND		1.7	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
1,2,3-Trichloropropane	ND		1.7	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
1,2,4-Trichlorobenzene	ND		1.7	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
1,2,4-Trimethylbenzene	ND		1.7	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
1,2-Dibromo-3-Chloropropane	ND		8.4	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
1,2-Dibromoethane	ND		0.84	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
1,2-Dichlorobenzene	ND		0.84	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
1,2-Dichloroethane	ND		0.84	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
1,2-Dichloropropane	ND		0.84	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
1,3,5-Trimethylbenzene	ND		1.7	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
1,3-Dichlorobenzene	ND		0.84	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
1,3-Dichloropropane	ND		0.84	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
1,4-Dichlorobenzene	ND		0.84	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
2,2-Dichloropropane	ND		4.2	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
2-Butanone	ND		17	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
2-Chlorotoluene	ND		0.84	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
2-Hexanone	ND		17	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
4-Chlorotoluene	ND		0.84	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
4-Methyl-2-pentanone	ND		17	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
Acetone	ND		42	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
Benzene	ND		0.84	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
Bromobenzene	ND		0.84	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
Bromochloromethane	ND		1.7	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
Bromodichloromethane	ND		0.84	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
Bromoform	ND		4.2	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
Bromomethane	ND		17	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
cis-1,2-Dichloroethene	ND		0.84	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
cis-1,3-Dichloropropene	ND		0.84	ug/Kg		11/25/19 17:04	11/27/19 14:30	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B3-15
Date Collected: 11/20/19 14:50
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-19
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND		8.4	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
Carbon tetrachloride	ND		0.84	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
Chlorobenzene	ND		0.84	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
Chloroethane	ND		1.7	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
Chloroform	ND		0.84	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
Chloromethane	ND		17	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
Dibromochloromethane	ND		1.7	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
Dibromomethane	ND		0.84	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
Dichlorodifluoromethane	ND		1.7	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
Di-isopropyl ether (DIPE)	ND		0.84	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
Ethanol	ND		420	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
Ethylbenzene	ND		0.84	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
Ethyl-t-butyl ether (ETBE)	ND		0.84	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
Isopropylbenzene	ND		0.84	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
Methylene Chloride	ND		8.4	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
Methyl-t-Butyl Ether (MTBE)	ND		1.7	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
Naphthalene	ND		8.4	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
n-Butylbenzene	ND		0.84	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
N-Propylbenzene	ND		1.7	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
o-Xylene	ND		0.84	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
m,p-Xylene	ND		1.7	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
p-Isopropyltoluene	ND		0.84	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
sec-Butylbenzene	ND		0.84	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
Styrene	ND		0.84	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
trans-1,2-Dichloroethene	ND		0.84	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
trans-1,3-Dichloropropene	ND		1.7	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
Tert-amyl-methyl ether (TAME)	ND		0.84	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
tert-Butyl alcohol (TBA)	ND		17	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
tert-Butylbenzene	ND		0.84	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
Tetrachloroethene	ND		0.84	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
Toluene	ND		0.84	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
Trichloroethene	ND		1.7	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
Trichlorofluoromethane	ND		8.4	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
Vinyl acetate	ND		8.4	ug/Kg		11/25/19 17:04	11/27/19 14:30	1
Vinyl chloride	ND		0.84	ug/Kg		11/25/19 17:04	11/27/19 14:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*124*		*71 - 155*	*11/25/19 17:04*	*11/27/19 14:30*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*	*11/25/19 17:04*	*11/27/19 14:30*	*1*
Dibromofluoromethane (Surr)	*112*		*79 - 133*	*11/25/19 17:04*	*11/27/19 14:30*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*11/25/19 17:04*	*11/27/19 14:30*	*1*

Client Sample ID: B10-6
Date Collected: 11/20/19 09:00
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-35
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.95	ug/Kg		11/25/19 17:04	11/27/19 14:56	1
1,1,1-Trichloroethane	ND		0.95	ug/Kg		11/25/19 17:04	11/27/19 14:56	1
1,1,2,2-Tetrachloroethane	ND		1.9	ug/Kg		11/25/19 17:04	11/27/19 14:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.5	ug/Kg		11/25/19 17:04	11/27/19 14:56	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B10-6
Date Collected: 11/20/19 09:00
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-35
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		0.95		ug/Kg		11/25/19 17:04	11/27/19 14:56	1
1,1-Dichloroethane	ND		0.95		ug/Kg		11/25/19 17:04	11/27/19 14:56	1
1,1-Dichloroethene	ND		0.95		ug/Kg		11/25/19 17:04	11/27/19 14:56	1
1,1-Dichloropropene	ND		1.9		ug/Kg		11/25/19 17:04	11/27/19 14:56	1
1,2,3-Trichlorobenzene	ND		1.9		ug/Kg		11/25/19 17:04	11/27/19 14:56	1
1,2,3-Trichloropropane	ND		1.9		ug/Kg		11/25/19 17:04	11/27/19 14:56	1
1,2,4-Trichlorobenzene	ND		1.9		ug/Kg		11/25/19 17:04	11/27/19 14:56	1
1,2,4-Trimethylbenzene	ND		1.9		ug/Kg		11/25/19 17:04	11/27/19 14:56	1
1,2-Dibromo-3-Chloropropane	ND		9.5		ug/Kg		11/25/19 17:04	11/27/19 14:56	1
1,2-Dibromoethane	ND		0.95		ug/Kg		11/25/19 17:04	11/27/19 14:56	1
1,2-Dichlorobenzene	ND		0.95		ug/Kg		11/25/19 17:04	11/27/19 14:56	1
1,2-Dichloroethane	ND		0.95		ug/Kg		11/25/19 17:04	11/27/19 14:56	1
1,2-Dichloropropane	ND		0.95		ug/Kg		11/25/19 17:04	11/27/19 14:56	1
1,3,5-Trimethylbenzene	ND		1.9		ug/Kg		11/25/19 17:04	11/27/19 14:56	1
1,3-Dichlorobenzene	ND		0.95		ug/Kg		11/25/19 17:04	11/27/19 14:56	1
1,3-Dichloropropane	ND		0.95		ug/Kg		11/25/19 17:04	11/27/19 14:56	1
1,4-Dichlorobenzene	ND		0.95		ug/Kg		11/25/19 17:04	11/27/19 14:56	1
2,2-Dichloropropane	ND		4.8		ug/Kg		11/25/19 17:04	11/27/19 14:56	1
2-Butanone	ND		19		ug/Kg		11/25/19 17:04	11/27/19 14:56	1
2-Chlorotoluene	ND		0.95		ug/Kg		11/25/19 17:04	11/27/19 14:56	1
2-Hexanone	ND		19		ug/Kg		11/25/19 17:04	11/27/19 14:56	1
4-Chlorotoluene	ND		0.95		ug/Kg		11/25/19 17:04	11/27/19 14:56	1
4-Methyl-2-pentanone	ND		19		ug/Kg		11/25/19 17:04	11/27/19 14:56	1
Acetone	ND		48		ug/Kg		11/25/19 17:04	11/27/19 14:56	1
Benzene	ND		0.95		ug/Kg		11/25/19 17:04	11/27/19 14:56	1
Bromobenzene	ND		0.95		ug/Kg		11/25/19 17:04	11/27/19 14:56	1
Bromochloromethane	ND		1.9		ug/Kg		11/25/19 17:04	11/27/19 14:56	1
Bromodichloromethane	ND		0.95		ug/Kg		11/25/19 17:04	11/27/19 14:56	1
Bromoform	ND		4.8		ug/Kg		11/25/19 17:04	11/27/19 14:56	1
Bromomethane	ND		19		ug/Kg		11/25/19 17:04	11/27/19 14:56	1
cis-1,2-Dichloroethene	ND		0.95		ug/Kg		11/25/19 17:04	11/27/19 14:56	1
cis-1,3-Dichloropropene	ND		0.95		ug/Kg		11/25/19 17:04	11/27/19 14:56	1
Carbon disulfide	ND		9.5		ug/Kg		11/25/19 17:04	11/27/19 14:56	1
Carbon tetrachloride	ND		0.95		ug/Kg		11/25/19 17:04	11/27/19 14:56	1
Chlorobenzene	ND		0.95		ug/Kg		11/25/19 17:04	11/27/19 14:56	1
Chloroethane	ND		1.9		ug/Kg		11/25/19 17:04	11/27/19 14:56	1
Chloroform	ND		0.95		ug/Kg		11/25/19 17:04	11/27/19 14:56	1
Chloromethane	ND		19		ug/Kg		11/25/19 17:04	11/27/19 14:56	1
Dibromochloromethane	ND		1.9		ug/Kg		11/25/19 17:04	11/27/19 14:56	1
Dibromomethane	ND		0.95		ug/Kg		11/25/19 17:04	11/27/19 14:56	1
Dichlorodifluoromethane	ND		1.9		ug/Kg		11/25/19 17:04	11/27/19 14:56	1
Di-isopropyl ether (DIPE)	ND		0.95		ug/Kg		11/25/19 17:04	11/27/19 14:56	1
Ethanol	ND		480		ug/Kg		11/25/19 17:04	11/27/19 14:56	1
Ethylbenzene	ND		0.95		ug/Kg		11/25/19 17:04	11/27/19 14:56	1
Ethyl-t-butyl ether (ETBE)	ND		0.95		ug/Kg		11/25/19 17:04	11/27/19 14:56	1
Isopropylbenzene	ND		0.95		ug/Kg		11/25/19 17:04	11/27/19 14:56	1
Methylene Chloride	ND		9.5		ug/Kg		11/25/19 17:04	11/27/19 14:56	1
Methyl-t-Butyl Ether (MTBE)	ND		1.9		ug/Kg		11/25/19 17:04	11/27/19 14:56	1
Naphthalene	ND		9.5		ug/Kg		11/25/19 17:04	11/27/19 14:56	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B10-6
Date Collected: 11/20/19 09:00
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-35
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	ND		0.95	ug/Kg		11/25/19 17:04	11/27/19 14:56	1
N-Propylbenzene	ND		1.9	ug/Kg		11/25/19 17:04	11/27/19 14:56	1
o-Xylene	ND		0.95	ug/Kg		11/25/19 17:04	11/27/19 14:56	1
m,p-Xylene	ND		1.9	ug/Kg		11/25/19 17:04	11/27/19 14:56	1
p-Isopropyltoluene	ND		0.95	ug/Kg		11/25/19 17:04	11/27/19 14:56	1
sec-Butylbenzene	ND		0.95	ug/Kg		11/25/19 17:04	11/27/19 14:56	1
Styrene	ND		0.95	ug/Kg		11/25/19 17:04	11/27/19 14:56	1
trans-1,2-Dichloroethene	ND		0.95	ug/Kg		11/25/19 17:04	11/27/19 14:56	1
trans-1,3-Dichloropropene	ND		1.9	ug/Kg		11/25/19 17:04	11/27/19 14:56	1
Tert-amyl-methyl ether (TAME)	ND		0.95	ug/Kg		11/25/19 17:04	11/27/19 14:56	1
tert-Butyl alcohol (TBA)	ND		19	ug/Kg		11/25/19 17:04	11/27/19 14:56	1
tert-Butylbenzene	ND		0.95	ug/Kg		11/25/19 17:04	11/27/19 14:56	1
Tetrachloroethene	ND		0.95	ug/Kg		11/25/19 17:04	11/27/19 14:56	1
Toluene	ND		0.95	ug/Kg		11/25/19 17:04	11/27/19 14:56	1
Trichloroethene	ND		1.9	ug/Kg		11/25/19 17:04	11/27/19 14:56	1
Trichlorofluoromethane	ND		9.5	ug/Kg		11/25/19 17:04	11/27/19 14:56	1
Vinyl acetate	ND		9.5	ug/Kg		11/25/19 17:04	11/27/19 14:56	1
Vinyl chloride	ND		0.95	ug/Kg		11/25/19 17:04	11/27/19 14:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*125*		*71 - 155*	*11/25/19 17:04*	*11/27/19 14:56*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*	*11/25/19 17:04*	*11/27/19 14:56*	*1*
Dibromofluoromethane (Surr)	*112*		*79 - 133*	*11/25/19 17:04*	*11/27/19 14:56*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*11/25/19 17:04*	*11/27/19 14:56*	*1*

Client Sample ID: B11-6
Date Collected: 11/20/19 09:10
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-38
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.99	ug/Kg		11/25/19 17:04	11/27/19 15:22	1
1,1,1-Trichloroethane	ND		0.99	ug/Kg		11/25/19 17:04	11/27/19 15:22	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/Kg		11/25/19 17:04	11/27/19 15:22	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.9	ug/Kg		11/25/19 17:04	11/27/19 15:22	1
1,1,2-Trichloroethane	ND		0.99	ug/Kg		11/25/19 17:04	11/27/19 15:22	1
1,1-Dichloroethane	ND		0.99	ug/Kg		11/25/19 17:04	11/27/19 15:22	1
1,1-Dichloroethene	ND		0.99	ug/Kg		11/25/19 17:04	11/27/19 15:22	1
1,1-Dichloropropene	ND		2.0	ug/Kg		11/25/19 17:04	11/27/19 15:22	1
1,2,3-Trichlorobenzene	ND		2.0	ug/Kg		11/25/19 17:04	11/27/19 15:22	1
1,2,3-Trichloropropane	ND		2.0	ug/Kg		11/25/19 17:04	11/27/19 15:22	1
1,2,4-Trichlorobenzene	ND		2.0	ug/Kg		11/25/19 17:04	11/27/19 15:22	1
1,2,4-Trimethylbenzene	ND		2.0	ug/Kg		11/25/19 17:04	11/27/19 15:22	1
1,2-Dibromo-3-Chloropropane	ND		9.9	ug/Kg		11/25/19 17:04	11/27/19 15:22	1
1,2-Dibromoethane	ND		0.99	ug/Kg		11/25/19 17:04	11/27/19 15:22	1
1,2-Dichlorobenzene	ND		0.99	ug/Kg		11/25/19 17:04	11/27/19 15:22	1
1,2-Dichloroethane	ND		0.99	ug/Kg		11/25/19 17:04	11/27/19 15:22	1
1,2-Dichloropropane	ND		0.99	ug/Kg		11/25/19 17:04	11/27/19 15:22	1
1,3,5-Trimethylbenzene	ND		2.0	ug/Kg		11/25/19 17:04	11/27/19 15:22	1
1,3-Dichlorobenzene	ND		0.99	ug/Kg		11/25/19 17:04	11/27/19 15:22	1
1,3-Dichloropropane	ND		0.99	ug/Kg		11/25/19 17:04	11/27/19 15:22	1
1,4-Dichlorobenzene	ND		0.99	ug/Kg		11/25/19 17:04	11/27/19 15:22	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B11-6
Date Collected: 11/20/19 09:10
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-38
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2,2-Dichloropropane	ND		5.0		ug/Kg		11/25/19 17:04	11/27/19 15:22	1
2-Butanone	ND		20		ug/Kg		11/25/19 17:04	11/27/19 15:22	1
2-Chlorotoluene	ND		0.99		ug/Kg		11/25/19 17:04	11/27/19 15:22	1
2-Hexanone	ND		20		ug/Kg		11/25/19 17:04	11/27/19 15:22	1
4-Chlorotoluene	ND		0.99		ug/Kg		11/25/19 17:04	11/27/19 15:22	1
4-Methyl-2-pentanone	ND		20		ug/Kg		11/25/19 17:04	11/27/19 15:22	1
Acetone	ND		50		ug/Kg		11/25/19 17:04	11/27/19 15:22	1
Benzene	ND		0.99		ug/Kg		11/25/19 17:04	11/27/19 15:22	1
Bromobenzene	ND		0.99		ug/Kg		11/25/19 17:04	11/27/19 15:22	1
Bromochloromethane	ND		2.0		ug/Kg		11/25/19 17:04	11/27/19 15:22	1
Bromodichloromethane	ND		0.99		ug/Kg		11/25/19 17:04	11/27/19 15:22	1
Bromoform	ND		5.0		ug/Kg		11/25/19 17:04	11/27/19 15:22	1
Bromomethane	ND		20		ug/Kg		11/25/19 17:04	11/27/19 15:22	1
cis-1,2-Dichloroethene	ND		0.99		ug/Kg		11/25/19 17:04	11/27/19 15:22	1
cis-1,3-Dichloropropene	ND		0.99		ug/Kg		11/25/19 17:04	11/27/19 15:22	1
Carbon disulfide	ND		9.9		ug/Kg		11/25/19 17:04	11/27/19 15:22	1
Carbon tetrachloride	ND		0.99		ug/Kg		11/25/19 17:04	11/27/19 15:22	1
Chlorobenzene	ND		0.99		ug/Kg		11/25/19 17:04	11/27/19 15:22	1
Chloroethane	ND		2.0		ug/Kg		11/25/19 17:04	11/27/19 15:22	1
Chloroform	ND		0.99		ug/Kg		11/25/19 17:04	11/27/19 15:22	1
Chloromethane	ND		20		ug/Kg		11/25/19 17:04	11/27/19 15:22	1
Dibromochloromethane	ND		2.0		ug/Kg		11/25/19 17:04	11/27/19 15:22	1
Dibromomethane	ND		0.99		ug/Kg		11/25/19 17:04	11/27/19 15:22	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		11/25/19 17:04	11/27/19 15:22	1
Di-isopropyl ether (DIPE)	ND		0.99		ug/Kg		11/25/19 17:04	11/27/19 15:22	1
Ethanol	ND		500		ug/Kg		11/25/19 17:04	11/27/19 15:22	1
Ethylbenzene	ND		0.99		ug/Kg		11/25/19 17:04	11/27/19 15:22	1
Ethyl-t-butyl ether (ETBE)	ND		0.99		ug/Kg		11/25/19 17:04	11/27/19 15:22	1
Isopropylbenzene	ND		0.99		ug/Kg		11/25/19 17:04	11/27/19 15:22	1
Methylene Chloride	ND		9.9		ug/Kg		11/25/19 17:04	11/27/19 15:22	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		11/25/19 17:04	11/27/19 15:22	1
Naphthalene	ND		9.9		ug/Kg		11/25/19 17:04	11/27/19 15:22	1
n-Butylbenzene	ND		0.99		ug/Kg		11/25/19 17:04	11/27/19 15:22	1
N-Propylbenzene	ND		2.0		ug/Kg		11/25/19 17:04	11/27/19 15:22	1
o-Xylene	ND		0.99		ug/Kg		11/25/19 17:04	11/27/19 15:22	1
m,p-Xylene	ND		2.0		ug/Kg		11/25/19 17:04	11/27/19 15:22	1
p-Isopropyltoluene	ND		0.99		ug/Kg		11/25/19 17:04	11/27/19 15:22	1
sec-Butylbenzene	ND		0.99		ug/Kg		11/25/19 17:04	11/27/19 15:22	1
Styrene	ND		0.99		ug/Kg		11/25/19 17:04	11/27/19 15:22	1
trans-1,2-Dichloroethene	ND		0.99		ug/Kg		11/25/19 17:04	11/27/19 15:22	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg		11/25/19 17:04	11/27/19 15:22	1
Tert-amyl-methyl ether (TAME)	ND		0.99		ug/Kg		11/25/19 17:04	11/27/19 15:22	1
tert-Butyl alcohol (TBA)	ND		20		ug/Kg		11/25/19 17:04	11/27/19 15:22	1
tert-Butylbenzene	ND		0.99		ug/Kg		11/25/19 17:04	11/27/19 15:22	1
Tetrachloroethene	ND		0.99		ug/Kg		11/25/19 17:04	11/27/19 15:22	1
Toluene	ND		0.99		ug/Kg		11/25/19 17:04	11/27/19 15:22	1
Trichloroethene	ND		2.0		ug/Kg		11/25/19 17:04	11/27/19 15:22	1
Trichlorofluoromethane	ND		9.9		ug/Kg		11/25/19 17:04	11/27/19 15:22	1
Vinyl acetate	ND		9.9		ug/Kg		11/25/19 17:04	11/27/19 15:22	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B11-6
Date Collected: 11/20/19 09:10
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-38
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		0.99	ug/Kg		11/25/19 17:04	11/27/19 15:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*121*		*71 - 155*	*11/25/19 17:04*	*11/27/19 15:22*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*	*11/25/19 17:04*	*11/27/19 15:22*	*1*
Dibromofluoromethane (Surr)	*107*		*79 - 133*	*11/25/19 17:04*	*11/27/19 15:22*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*11/25/19 17:04*	*11/27/19 15:22*	*1*

Client Sample ID: B12-5
Date Collected: 11/20/19 11:00
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-42
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.3	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
1,1,1-Trichloroethane	ND		1.3	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
1,1,2,2-Tetrachloroethane	ND		2.6	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		13	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
1,1,2-Trichloroethane	ND		1.3	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
1,1-Dichloroethane	ND		1.3	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
1,1-Dichloroethene	ND		1.3	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
1,1-Dichloropropene	ND		2.6	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
1,2,3-Trichlorobenzene	ND		2.6	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
1,2,3-Trichloropropane	ND		2.6	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
1,2,4-Trichlorobenzene	ND		2.6	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
1,2,4-Trimethylbenzene	ND		2.6	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
1,2-Dibromo-3-Chloropropane	ND		13	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
1,2-Dibromoethane	ND		1.3	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
1,2-Dichlorobenzene	ND		1.3	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
1,2-Dichloroethane	ND		1.3	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
1,2-Dichloropropane	ND		1.3	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
1,3,5-Trimethylbenzene	ND		2.6	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
1,3-Dichlorobenzene	ND		1.3	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
1,3-Dichloropropane	ND		1.3	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
1,4-Dichlorobenzene	ND		1.3	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
2,2-Dichloropropane	ND		6.4	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
2-Butanone	ND		26	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
2-Chlorotoluene	ND		1.3	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
2-Hexanone	ND		26	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
4-Chlorotoluene	ND		1.3	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
4-Methyl-2-pentanone	ND		26	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
Acetone	ND		64	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
Benzene	ND		1.3	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
Bromobenzene	ND		1.3	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
Bromochloromethane	ND		2.6	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
Bromodichloromethane	ND		1.3	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
Bromoform	ND		6.4	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
Bromomethane	ND		26	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
cis-1,2-Dichloroethene	ND		1.3	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
cis-1,3-Dichloropropene	ND		1.3	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
Carbon disulfide	ND		13	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
Carbon tetrachloride	ND		1.3	ug/Kg		11/25/19 17:04	11/27/19 15:48	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B12-5
Date Collected: 11/20/19 11:00
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-42
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		1.3	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
Chloroethane	ND		2.6	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
Chloroform	ND		1.3	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
Chloromethane	ND		26	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
Dibromochloromethane	ND		2.6	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
Dibromomethane	ND		1.3	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
Dichlorodifluoromethane	ND		2.6	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
Di-isopropyl ether (DIPE)	ND		1.3	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
Ethanol	ND		640	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
Ethylbenzene	ND		1.3	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
Ethyl-t-butyl ether (ETBE)	ND		1.3	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
Isopropylbenzene	ND		1.3	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
Methylene Chloride	ND		13	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
Methyl-t-Butyl Ether (MTBE)	ND		2.6	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
Naphthalene	ND		13	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
n-Butylbenzene	ND		1.3	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
N-Propylbenzene	ND		2.6	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
o-Xylene	ND		1.3	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
m,p-Xylene	ND		2.6	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
p-Isopropyltoluene	ND		1.3	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
sec-Butylbenzene	ND		1.3	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
Styrene	ND		1.3	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
trans-1,2-Dichloroethene	ND		1.3	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
trans-1,3-Dichloropropene	ND		2.6	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
Tert-amyl-methyl ether (TAME)	ND		1.3	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
tert-Butyl alcohol (TBA)	ND		26	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
tert-Butylbenzene	ND		1.3	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
Tetrachloroethene	ND		1.3	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
Toluene	ND		1.3	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
Trichloroethene	ND		2.6	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
Trichlorofluoromethane	ND		13	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
Vinyl acetate	ND		13	ug/Kg		11/25/19 17:04	11/27/19 15:48	1
Vinyl chloride	ND		1.3	ug/Kg		11/25/19 17:04	11/27/19 15:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*122*		*71 - 155*	*11/25/19 17:04*	*11/27/19 15:48*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*	*11/25/19 17:04*	*11/27/19 15:48*	*1*
Dibromofluoromethane (Surr)	*109*		*79 - 133*	*11/25/19 17:04*	*11/27/19 15:48*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*11/25/19 17:04*	*11/27/19 15:48*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Client Sample ID: B1-1
Date Collected: 11/20/19 12:05
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-1
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:00	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:00	1
Acenaphthene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:00	1
Acenaphthylene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:00	1
Anthracene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:00	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:00	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:00	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:00	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:00	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:00	1
Chrysene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:00	1
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:00	1
Fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:00	1
Fluorene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:00	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:00	1
Naphthalene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:00	1
Phenanthrene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:00	1
Pyrene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*61*		*18 - 138*	*11/26/19 10:25*	*11/27/19 21:00*	*1*
2-Fluorobiphenyl (Surr)	*58*		*27 - 120*	*11/26/19 10:25*	*11/27/19 21:00*	*1*
2-Fluorophenol (Surr)	*60*		*25 - 120*	*11/26/19 10:25*	*11/27/19 21:00*	*1*
Nitrobenzene-d5 (Surr)	*48*		*33 - 123*	*11/26/19 10:25*	*11/27/19 21:00*	*1*
Phenol-d6 (Surr)	*64*		*26 - 122*	*11/26/19 10:25*	*11/27/19 21:00*	*1*
p-Terphenyl-d14 (Surr)	*69*		*27 - 159*	*11/26/19 10:25*	*11/27/19 21:00*	*1*

Client Sample ID: B1-5
Date Collected: 11/20/19 12:50
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-2
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:20	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:20	1
Acenaphthene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:20	1
Acenaphthylene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:20	1
Anthracene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:20	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:20	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:20	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:20	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:20	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:20	1
Chrysene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:20	1
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:20	1
Fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:20	1
Fluorene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:20	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:20	1
Naphthalene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:20	1
Phenanthrene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:20	1
Pyrene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:20	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	84		18 - 138	11/26/19 10:25	11/27/19 21:20	1
2-Fluorobiphenyl (Surr)	71		27 - 120	11/26/19 10:25	11/27/19 21:20	1
2-Fluorophenol (Surr)	74		25 - 120	11/26/19 10:25	11/27/19 21:20	1
Nitrobenzene-d5 (Surr)	59		33 - 123	11/26/19 10:25	11/27/19 21:20	1
Phenol-d6 (Surr)	74		26 - 122	11/26/19 10:25	11/27/19 21:20	1
p-Terphenyl-d14 (Surr)	99		27 - 159	11/26/19 10:25	11/27/19 21:20	1

Client Sample ID: B1-10
Date Collected: 11/20/19 12:55
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-3
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 20:38	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 20:38	1
Acenaphthene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 20:38	1
Acenaphthylene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 20:38	1
Anthracene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 20:38	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 20:38	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 20:38	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 20:38	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 20:38	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 20:38	1
Chrysene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 20:38	1
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 20:38	1
Fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 20:38	1
Fluorene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 20:38	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 20:38	1
Naphthalene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 20:38	1
Phenanthrene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 20:38	1
Pyrene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 20:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	86		18 - 138	11/26/19 10:25	11/27/19 20:38	1
2-Fluorobiphenyl (Surr)	79		27 - 120	11/26/19 10:25	11/27/19 20:38	1
2-Fluorophenol (Surr)	74		25 - 120	11/26/19 10:25	11/27/19 20:38	1
Nitrobenzene-d5 (Surr)	74		33 - 123	11/26/19 10:25	11/27/19 20:38	1
Phenol-d6 (Surr)	79		26 - 122	11/26/19 10:25	11/27/19 20:38	1
p-Terphenyl-d14 (Surr)	88		27 - 159	11/26/19 10:25	11/27/19 20:38	1

Client Sample ID: B2-1
Date Collected: 11/20/19 12:08
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-8
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 20:57	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 20:57	1
Acenaphthene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 20:57	1
Acenaphthylene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 20:57	1
Anthracene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 20:57	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 20:57	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 20:57	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 20:57	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 20:57	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 20:57	1
Chrysene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 20:57	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B2-1
Date Collected: 11/20/19 12:08
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-8
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 20:57	1
Fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 20:57	1
Fluorene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 20:57	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 20:57	1
Naphthalene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 20:57	1
Phenanthrene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 20:57	1
Pyrene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 20:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*79*		*18 - 138*	*11/26/19 10:25*	*11/27/19 20:57*	*1*
2-Fluorobiphenyl (Surr)	*76*		*27 - 120*	*11/26/19 10:25*	*11/27/19 20:57*	*1*
2-Fluorophenol (Surr)	*78*		*25 - 120*	*11/26/19 10:25*	*11/27/19 20:57*	*1*
Nitrobenzene-d5 (Surr)	*77*		*33 - 123*	*11/26/19 10:25*	*11/27/19 20:57*	*1*
Phenol-d6 (Surr)	*81*		*26 - 122*	*11/26/19 10:25*	*11/27/19 20:57*	*1*
p-Terphenyl-d14 (Surr)	*89*		*27 - 159*	*11/26/19 10:25*	*11/27/19 20:57*	*1*

Client Sample ID: B2-3
Date Collected: 11/20/19 12:11
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-9
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:16	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:16	1
Acenaphthene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:16	1
Acenaphthylene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:16	1
Anthracene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:16	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:16	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:16	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:16	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:16	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:16	1
Chrysene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:16	1
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:16	1
Fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:16	1
Fluorene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:16	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:16	1
Naphthalene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:16	1
Phenanthrene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:16	1
Pyrene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*77*		*18 - 138*	*11/26/19 10:25*	*11/27/19 21:16*	*1*
2-Fluorobiphenyl (Surr)	*70*		*27 - 120*	*11/26/19 10:25*	*11/27/19 21:16*	*1*
2-Fluorophenol (Surr)	*70*		*25 - 120*	*11/26/19 10:25*	*11/27/19 21:16*	*1*
Nitrobenzene-d5 (Surr)	*70*		*33 - 123*	*11/26/19 10:25*	*11/27/19 21:16*	*1*
Phenol-d6 (Surr)	*73*		*26 - 122*	*11/26/19 10:25*	*11/27/19 21:16*	*1*
p-Terphenyl-d14 (Surr)	*93*		*27 - 159*	*11/26/19 10:25*	*11/27/19 21:16*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Client Sample ID: B2-5
Date Collected: 11/20/19 13:35
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-10
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:35	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:35	1
Acenaphthene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:35	1
Acenaphthylene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:35	1
Anthracene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:35	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:35	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:35	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:35	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:35	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:35	1
Chrysene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:35	1
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:35	1
Fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:35	1
Fluorene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:35	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:35	1
Naphthalene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:35	1
Phenanthrene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:35	1
Pyrene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*53*		*18 - 138*	*11/26/19 10:25*	*11/27/19 21:35*	*1*
2-Fluorobiphenyl (Surr)	*46*		*27 - 120*	*11/26/19 10:25*	*11/27/19 21:35*	*1*
2-Fluorophenol (Surr)	*47*		*25 - 120*	*11/26/19 10:25*	*11/27/19 21:35*	*1*
Nitrobenzene-d5 (Surr)	*46*		*33 - 123*	*11/26/19 10:25*	*11/27/19 21:35*	*1*
Phenol-d6 (Surr)	*50*		*26 - 122*	*11/26/19 10:25*	*11/27/19 21:35*	*1*
p-Terphenyl-d14 (Surr)	*64*		*27 - 159*	*11/26/19 10:25*	*11/27/19 21:35*	*1*

Client Sample ID: B2-10
Date Collected: 11/20/19 13:45
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-11
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:54	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:54	1
Acenaphthene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:54	1
Acenaphthylene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:54	1
Anthracene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:54	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:54	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:54	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:54	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:54	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:54	1
Chrysene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:54	1
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:54	1
Fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:54	1
Fluorene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:54	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:54	1
Naphthalene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:54	1
Phenanthrene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:54	1
Pyrene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:54	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	49		18 - 138	11/26/19 10:25	11/27/19 21:54	1
2-Fluorobiphenyl (Surr)	51		27 - 120	11/26/19 10:25	11/27/19 21:54	1
2-Fluorophenol (Surr)	48		25 - 120	11/26/19 10:25	11/27/19 21:54	1
Nitrobenzene-d5 (Surr)	49		33 - 123	11/26/19 10:25	11/27/19 21:54	1
Phenol-d6 (Surr)	50		26 - 122	11/26/19 10:25	11/27/19 21:54	1
p-Terphenyl-d14 (Surr)	56		27 - 159	11/26/19 10:25	11/27/19 21:54	1

Client Sample ID: B3-3
Date Collected: 11/20/19 14:00
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-16
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:39	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:39	1
Acenaphthene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:39	1
Acenaphthylene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:39	1
Anthracene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:39	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:39	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:39	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:39	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:39	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:39	1
Chrysene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:39	1
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:39	1
Fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:39	1
Fluorene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:39	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:39	1
Naphthalene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:39	1
Phenanthrene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:39	1
Pyrene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	57		18 - 138	11/26/19 10:25	11/27/19 21:39	1
2-Fluorobiphenyl (Surr)	49		27 - 120	11/26/19 10:25	11/27/19 21:39	1
2-Fluorophenol (Surr)	49		25 - 120	11/26/19 10:25	11/27/19 21:39	1
Nitrobenzene-d5 (Surr)	39		33 - 123	11/26/19 10:25	11/27/19 21:39	1
Phenol-d6 (Surr)	52		26 - 122	11/26/19 10:25	11/27/19 21:39	1
p-Terphenyl-d14 (Surr)	71		27 - 159	11/26/19 10:25	11/27/19 21:39	1

Client Sample ID: B3-5
Date Collected: 11/20/19 14:35
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-17
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:59	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:59	1
Acenaphthene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:59	1
Acenaphthylene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:59	1
Anthracene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:59	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:59	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:59	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:59	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:59	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:59	1
Chrysene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:59	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B3-5
Date Collected: 11/20/19 14:35
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-17
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:59	1
Fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:59	1
Fluorene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:59	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:59	1
Naphthalene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:59	1
Phenanthrene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:59	1
Pyrene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 21:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*86*		*18 - 138*	*11/26/19 10:25*	*11/27/19 21:59*	*1*
2-Fluorobiphenyl (Surr)	*80*		*27 - 120*	*11/26/19 10:25*	*11/27/19 21:59*	*1*
2-Fluorophenol (Surr)	*85*		*25 - 120*	*11/26/19 10:25*	*11/27/19 21:59*	*1*
Nitrobenzene-d5 (Surr)	*66*		*33 - 123*	*11/26/19 10:25*	*11/27/19 21:59*	*1*
Phenol-d6 (Surr)	*87*		*26 - 122*	*11/26/19 10:25*	*11/27/19 21:59*	*1*
p-Terphenyl-d14 (Surr)	*97*		*27 - 159*	*11/26/19 10:25*	*11/27/19 21:59*	*1*

Client Sample ID: B3-10
Date Collected: 11/20/19 14:45
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-18
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 22:18	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 22:18	1
Acenaphthene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 22:18	1
Acenaphthylene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 22:18	1
Anthracene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 22:18	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 22:18	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 22:18	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 22:18	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 22:18	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 22:18	1
Chrysene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 22:18	1
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 22:18	1
Fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 22:18	1
Fluorene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 22:18	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 22:18	1
Naphthalene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 22:18	1
Phenanthrene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 22:18	1
Pyrene	ND		0.50	mg/Kg		11/26/19 10:25	11/27/19 22:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*65*		*18 - 138*	*11/26/19 10:25*	*11/27/19 22:18*	*1*
2-Fluorobiphenyl (Surr)	*56*		*27 - 120*	*11/26/19 10:25*	*11/27/19 22:18*	*1*
2-Fluorophenol (Surr)	*61*		*25 - 120*	*11/26/19 10:25*	*11/27/19 22:18*	*1*
Nitrobenzene-d5 (Surr)	*48*		*33 - 123*	*11/26/19 10:25*	*11/27/19 22:18*	*1*
Phenol-d6 (Surr)	*59*		*26 - 122*	*11/26/19 10:25*	*11/27/19 22:18*	*1*
p-Terphenyl-d14 (Surr)	*67*		*27 - 159*	*11/26/19 10:25*	*11/27/19 22:18*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Client Sample ID: B4-1
Date Collected: 11/20/19 14:00
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-23
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 15:52	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 15:52	1
Acenaphthene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 15:52	1
Acenaphthylene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 15:52	1
Anthracene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 15:52	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 15:52	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 15:52	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 15:52	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 15:52	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 15:52	1
Chrysene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 15:52	1
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 15:52	1
Fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 15:52	1
Fluorene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 15:52	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 15:52	1
Naphthalene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 15:52	1
Phenanthrene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 15:52	1
Pyrene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 15:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*66*		*18 - 138*	*11/26/19 10:25*	*12/02/19 15:52*	*1*
2-Fluorobiphenyl (Surr)	*68*		*27 - 120*	*11/26/19 10:25*	*12/02/19 15:52*	*1*
2-Fluorophenol (Surr)	*69*		*25 - 120*	*11/26/19 10:25*	*12/02/19 15:52*	*1*
Nitrobenzene-d5 (Surr)	*66*		*33 - 123*	*11/26/19 10:25*	*12/02/19 15:52*	*1*
Phenol-d6 (Surr)	*71*		*26 - 122*	*11/26/19 10:25*	*12/02/19 15:52*	*1*
p-Terphenyl-d14 (Surr)	*77*		*27 - 159*	*11/26/19 10:25*	*12/02/19 15:52*	*1*

Client Sample ID: B4-3
Date Collected: 11/20/19 14:30
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-24
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:11	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:11	1
Acenaphthene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:11	1
Acenaphthylene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:11	1
Anthracene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:11	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:11	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:11	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:11	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:11	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:11	1
Chrysene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:11	1
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:11	1
Fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:11	1
Fluorene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:11	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:11	1
Naphthalene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:11	1
Phenanthrene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:11	1
Pyrene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:11	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	58		18 - 138	11/26/19 10:25	12/02/19 16:11	1
2-Fluorobiphenyl (Surr)	59		27 - 120	11/26/19 10:25	12/02/19 16:11	1
2-Fluorophenol (Surr)	64		25 - 120	11/26/19 10:25	12/02/19 16:11	1
Nitrobenzene-d5 (Surr)	63		33 - 123	11/26/19 10:25	12/02/19 16:11	1
Phenol-d6 (Surr)	68		26 - 122	11/26/19 10:25	12/02/19 16:11	1
p-Terphenyl-d14 (Surr)	78		27 - 159	11/26/19 10:25	12/02/19 16:11	1

Client Sample ID: B5-1
Date Collected: 11/20/19 13:24
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-25
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:30	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:30	1
Acenaphthene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:30	1
Acenaphthylene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:30	1
Anthracene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:30	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:30	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:30	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:30	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:30	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:30	1
Chrysene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:30	1
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:30	1
Fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:30	1
Fluorene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:30	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:30	1
Naphthalene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:30	1
Phenanthrene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:30	1
Pyrene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	67		18 - 138	11/26/19 10:25	12/02/19 16:30	1
2-Fluorobiphenyl (Surr)	68		27 - 120	11/26/19 10:25	12/02/19 16:30	1
2-Fluorophenol (Surr)	71		25 - 120	11/26/19 10:25	12/02/19 16:30	1
Nitrobenzene-d5 (Surr)	69		33 - 123	11/26/19 10:25	12/02/19 16:30	1
Phenol-d6 (Surr)	74		26 - 122	11/26/19 10:25	12/02/19 16:30	1
p-Terphenyl-d14 (Surr)	86		27 - 159	11/26/19 10:25	12/02/19 16:30	1

Client Sample ID: B5-3
Date Collected: 11/20/19 13:35
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-26
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:49	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:49	1
Acenaphthene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:49	1
Acenaphthylene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:49	1
Anthracene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:49	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:49	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:49	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:49	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:49	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:49	1
Chrysene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:49	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B5-3
Date Collected: 11/20/19 13:35
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-26
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:49	1
Fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:49	1
Fluorene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:49	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:49	1
Naphthalene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:49	1
Phenanthrene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:49	1
Pyrene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*76*		*18 - 138*	*11/26/19 10:25*	*12/02/19 16:49*	*1*
2-Fluorobiphenyl (Surr)	*78*		*27 - 120*	*11/26/19 10:25*	*12/02/19 16:49*	*1*
2-Fluorophenol (Surr)	*80*		*25 - 120*	*11/26/19 10:25*	*12/02/19 16:49*	*1*
Nitrobenzene-d5 (Surr)	*81*		*33 - 123*	*11/26/19 10:25*	*12/02/19 16:49*	*1*
Phenol-d6 (Surr)	*85*		*26 - 122*	*11/26/19 10:25*	*12/02/19 16:49*	*1*
p-Terphenyl-d14 (Surr)	*95*		*27 - 159*	*11/26/19 10:25*	*12/02/19 16:49*	*1*

Client Sample ID: B6-1
Date Collected: 11/20/19 12:35
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-27
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:08	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:08	1
Acenaphthene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:08	1
Acenaphthylene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:08	1
Anthracene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:08	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:08	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:08	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:08	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:08	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:08	1
Chrysene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:08	1
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:08	1
Fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:08	1
Fluorene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:08	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:08	1
Naphthalene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:08	1
Phenanthrene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:08	1
Pyrene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*78*		*18 - 138*	*11/26/19 10:25*	*12/02/19 17:08*	*1*
2-Fluorobiphenyl (Surr)	*71*		*27 - 120*	*11/26/19 10:25*	*12/02/19 17:08*	*1*
2-Fluorophenol (Surr)	*75*		*25 - 120*	*11/26/19 10:25*	*12/02/19 17:08*	*1*
Nitrobenzene-d5 (Surr)	*74*		*33 - 123*	*11/26/19 10:25*	*12/02/19 17:08*	*1*
Phenol-d6 (Surr)	*80*		*26 - 122*	*11/26/19 10:25*	*12/02/19 17:08*	*1*
p-Terphenyl-d14 (Surr)	*96*		*27 - 159*	*11/26/19 10:25*	*12/02/19 17:08*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Client Sample ID: B6-3
Date Collected: 11/20/19 12:37
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-28
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:27	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:27	1
Acenaphthene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:27	1
Acenaphthylene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:27	1
Anthracene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:27	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:27	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:27	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:27	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:27	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:27	1
Chrysene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:27	1
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:27	1
Fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:27	1
Fluorene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:27	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:27	1
Naphthalene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:27	1
Phenanthrene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:27	1
Pyrene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*71*		*18 - 138*	*11/26/19 10:25*	*12/02/19 17:27*	*1*
2-Fluorobiphenyl (Surr)	*66*		*27 - 120*	*11/26/19 10:25*	*12/02/19 17:27*	*1*
2-Fluorophenol (Surr)	*67*		*25 - 120*	*11/26/19 10:25*	*12/02/19 17:27*	*1*
Nitrobenzene-d5 (Surr)	*65*		*33 - 123*	*11/26/19 10:25*	*12/02/19 17:27*	*1*
Phenol-d6 (Surr)	*78*		*26 - 122*	*11/26/19 10:25*	*12/02/19 17:27*	*1*
p-Terphenyl-d14 (Surr)	*97*		*27 - 159*	*11/26/19 10:25*	*12/02/19 17:27*	*1*

Client Sample ID: B7-1
Date Collected: 11/20/19 14:23
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-29
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:46	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:46	1
Acenaphthene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:46	1
Acenaphthylene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:46	1
Anthracene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:46	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:46	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:46	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:46	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:46	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:46	1
Chrysene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:46	1
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:46	1
Fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:46	1
Fluorene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:46	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:46	1
Naphthalene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:46	1
Phenanthrene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:46	1
Pyrene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 17:46	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	80		18 - 138	11/26/19 10:25	12/02/19 17:46	1
2-Fluorobiphenyl (Surr)	79		27 - 120	11/26/19 10:25	12/02/19 17:46	1
2-Fluorophenol (Surr)	82		25 - 120	11/26/19 10:25	12/02/19 17:46	1
Nitrobenzene-d5 (Surr)	81		33 - 123	11/26/19 10:25	12/02/19 17:46	1
Phenol-d6 (Surr)	89		26 - 122	11/26/19 10:25	12/02/19 17:46	1
p-Terphenyl-d14 (Surr)	96		27 - 159	11/26/19 10:25	12/02/19 17:46	1

Client Sample ID: B7-3
Date Collected: 11/20/19 14:40
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-30
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:05	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:05	1
Acenaphthene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:05	1
Acenaphthylene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:05	1
Anthracene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:05	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:05	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:05	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:05	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:05	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:05	1
Chrysene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:05	1
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:05	1
Fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:05	1
Fluorene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:05	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:05	1
Naphthalene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:05	1
Phenanthrene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:05	1
Pyrene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	79		18 - 138	11/26/19 10:25	12/02/19 18:05	1
2-Fluorobiphenyl (Surr)	77		27 - 120	11/26/19 10:25	12/02/19 18:05	1
2-Fluorophenol (Surr)	75		25 - 120	11/26/19 10:25	12/02/19 18:05	1
Nitrobenzene-d5 (Surr)	77		33 - 123	11/26/19 10:25	12/02/19 18:05	1
Phenol-d6 (Surr)	84		26 - 122	11/26/19 10:25	12/02/19 18:05	1
p-Terphenyl-d14 (Surr)	102		27 - 159	11/26/19 10:25	12/02/19 18:05	1

Client Sample ID: B8-1
Date Collected: 11/20/19 13:54
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-31
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:25	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:25	1
Acenaphthene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:25	1
Acenaphthylene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:25	1
Anthracene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:25	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:25	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:25	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:25	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:25	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:25	1
Chrysene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:25	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B8-1
Date Collected: 11/20/19 13:54
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-31
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:25	1
Fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:25	1
Fluorene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:25	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:25	1
Naphthalene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:25	1
Phenanthrene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:25	1
Pyrene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*57*		*18 - 138*	*11/26/19 10:25*	*12/02/19 18:25*	*1*
2-Fluorobiphenyl (Surr)	*57*		*27 - 120*	*11/26/19 10:25*	*12/02/19 18:25*	*1*
2-Fluorophenol (Surr)	*59*		*25 - 120*	*11/26/19 10:25*	*12/02/19 18:25*	*1*
Nitrobenzene-d5 (Surr)	*57*		*33 - 123*	*11/26/19 10:25*	*12/02/19 18:25*	*1*
Phenol-d6 (Surr)	*62*		*26 - 122*	*11/26/19 10:25*	*12/02/19 18:25*	*1*
p-Terphenyl-d14 (Surr)	*75*		*27 - 159*	*11/26/19 10:25*	*12/02/19 18:25*	*1*

Client Sample ID: B8-3
Date Collected: 11/20/19 14:00
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-32
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:44	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:44	1
Acenaphthene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:44	1
Acenaphthylene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:44	1
Anthracene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:44	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:44	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:44	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:44	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:44	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:44	1
Chrysene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:44	1
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:44	1
Fluoranthene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:44	1
Fluorene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:44	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:44	1
Naphthalene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:44	1
Phenanthrene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:44	1
Pyrene	ND		0.50	mg/Kg		11/26/19 10:25	12/02/19 18:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*65*		*18 - 138*	*11/26/19 10:25*	*12/02/19 18:44*	*1*
2-Fluorobiphenyl (Surr)	*72*		*27 - 120*	*11/26/19 10:25*	*12/02/19 18:44*	*1*
2-Fluorophenol (Surr)	*67*		*25 - 120*	*11/26/19 10:25*	*12/02/19 18:44*	*1*
Nitrobenzene-d5 (Surr)	*70*		*33 - 123*	*11/26/19 10:25*	*12/02/19 18:44*	*1*
Phenol-d6 (Surr)	*75*		*26 - 122*	*11/26/19 10:25*	*12/02/19 18:44*	*1*
p-Terphenyl-d14 (Surr)	*80*		*27 - 159*	*11/26/19 10:25*	*12/02/19 18:44*	*1*

Client Sample Results

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13749-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Client Sample ID: B9-3
Date Collected: 11/20/19 13:25
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-33
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/27/19 08:45	12/02/19 21:17	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/27/19 08:45	12/02/19 21:17	1
Acenaphthene	ND		0.50	mg/Kg		11/27/19 08:45	12/02/19 21:17	1
Acenaphthylene	ND		0.50	mg/Kg		11/27/19 08:45	12/02/19 21:17	1
Anthracene	ND		0.50	mg/Kg		11/27/19 08:45	12/02/19 21:17	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/27/19 08:45	12/02/19 21:17	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/27/19 08:45	12/02/19 21:17	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/27/19 08:45	12/02/19 21:17	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/27/19 08:45	12/02/19 21:17	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/27/19 08:45	12/02/19 21:17	1
Chrysene	ND		0.50	mg/Kg		11/27/19 08:45	12/02/19 21:17	1
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/27/19 08:45	12/02/19 21:17	1
Fluoranthene	ND		0.50	mg/Kg		11/27/19 08:45	12/02/19 21:17	1
Fluorene	ND		0.50	mg/Kg		11/27/19 08:45	12/02/19 21:17	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/27/19 08:45	12/02/19 21:17	1
Naphthalene	ND		0.50	mg/Kg		11/27/19 08:45	12/02/19 21:17	1
Phenanthrene	ND		0.50	mg/Kg		11/27/19 08:45	12/02/19 21:17	1
Pyrene	ND		0.50	mg/Kg		11/27/19 08:45	12/02/19 21:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*93*		*18 - 138*	*11/27/19 08:45*	*12/02/19 21:17*	*1*
2-Fluorobiphenyl (Surr)	*81*		*27 - 120*	*11/27/19 08:45*	*12/02/19 21:17*	*1*
2-Fluorophenol (Surr)	*77*		*25 - 120*	*11/27/19 08:45*	*12/02/19 21:17*	*1*
Nitrobenzene-d5 (Surr)	*60*		*33 - 123*	*11/27/19 08:45*	*12/02/19 21:17*	*1*
Phenol-d6 (Surr)	*72*		*26 - 122*	*11/27/19 08:45*	*12/02/19 21:17*	*1*
p-Terphenyl-d14 (Surr)	*95*		*27 - 159*	*11/27/19 08:45*	*12/02/19 21:17*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: B1-1
Date Collected: 11/20/19 12:05
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-1
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 19:28	1
C7 as C7	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 19:28	1
C8 as C8	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 19:28	1
C9-C10	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 19:28	1
C11-C12	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 19:28	1
C13-C14	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 19:28	1
C15-C16	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 19:28	1
C17-C18	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 19:28	1
C19-C20	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 19:28	1
C21-C22	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 19:28	1
C23-C24	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 19:28	1
C25-C28	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 19:28	1
C29-C32	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 19:28	1
C33-C36	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 19:28	1
C37-C40	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 19:28	1
C41-C44	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 19:28	1
C6-C44	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 19:28	1
Diesel Range Organics [C10-C28]	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 19:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*88*		*61 - 145*	*11/27/19 18:14*	*11/30/19 19:28*	*1*

Client Sample ID: B1-5
Date Collected: 11/20/19 12:50
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-2
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 00:22	1
C7 as C7	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 00:22	1
C8 as C8	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 00:22	1
C9-C10	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 00:22	1
C11-C12	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 00:22	1
C13-C14	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 00:22	1
C15-C16	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 00:22	1
C17-C18	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 00:22	1
C19-C20	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 00:22	1
C21-C22	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 00:22	1
C23-C24	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 00:22	1
C25-C28	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 00:22	1
C29-C32	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 00:22	1
C33-C36	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 00:22	1
C37-C40	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 00:22	1
C41-C44	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 00:22	1
C6-C44	**14**		5.0	mg/Kg		12/02/19 12:38	12/03/19 00:22	1
Diesel Range Organics [C10-C28]	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 00:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*97*		*61 - 145*	*12/02/19 12:38*	*12/03/19 00:22*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: B1-10
Date Collected: 11/20/19 12:55
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-3
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9	mg/Kg		12/02/19 12:38	12/03/19 00:42	1
C7 as C7	ND		4.9	mg/Kg		12/02/19 12:38	12/03/19 00:42	1
C8 as C8	ND		4.9	mg/Kg		12/02/19 12:38	12/03/19 00:42	1
C9-C10	ND		4.9	mg/Kg		12/02/19 12:38	12/03/19 00:42	1
C11-C12	ND		4.9	mg/Kg		12/02/19 12:38	12/03/19 00:42	1
C13-C14	ND		4.9	mg/Kg		12/02/19 12:38	12/03/19 00:42	1
C15-C16	ND		4.9	mg/Kg		12/02/19 12:38	12/03/19 00:42	1
C17-C18	ND		4.9	mg/Kg		12/02/19 12:38	12/03/19 00:42	1
C19-C20	ND		4.9	mg/Kg		12/02/19 12:38	12/03/19 00:42	1
C21-C22	ND		4.9	mg/Kg		12/02/19 12:38	12/03/19 00:42	1
C23-C24	ND		4.9	mg/Kg		12/02/19 12:38	12/03/19 00:42	1
C25-C28	ND		4.9	mg/Kg		12/02/19 12:38	12/03/19 00:42	1
C29-C32	ND		4.9	mg/Kg		12/02/19 12:38	12/03/19 00:42	1
C33-C36	ND		4.9	mg/Kg		12/02/19 12:38	12/03/19 00:42	1
C37-C40	ND		4.9	mg/Kg		12/02/19 12:38	12/03/19 00:42	1
C41-C44	ND		4.9	mg/Kg		12/02/19 12:38	12/03/19 00:42	1
C6-C44	ND		4.9	mg/Kg		12/02/19 12:38	12/03/19 00:42	1
Diesel Range Organics [C10-C28]	ND		4.9	mg/Kg		12/02/19 12:38	12/03/19 00:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*91*		*61 - 145*	*12/02/19 12:38*	*12/03/19 00:42*	*1*

Client Sample ID: B1-15
Date Collected: 11/20/19 13:00
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-4
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 19:48	1
C7 as C7	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 19:48	1
C8 as C8	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 19:48	1
C9-C10	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 19:48	1
C11-C12	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 19:48	1
C13-C14	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 19:48	1
C15-C16	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 19:48	1
C17-C18	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 19:48	1
C19-C20	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 19:48	1
C21-C22	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 19:48	1
C23-C24	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 19:48	1
C25-C28	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 19:48	1
C29-C32	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 19:48	1
C33-C36	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 19:48	1
C37-C40	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 19:48	1
C41-C44	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 19:48	1
C6-C44	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 19:48	1
Diesel Range Organics [C10-C28]	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 19:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*96*		*61 - 145*	*11/27/19 18:14*	*11/30/19 19:48*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: B2-1
Date Collected: 11/20/19 12:08
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-8
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:03	1
C7 as C7	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:03	1
C8 as C8	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:03	1
C9-C10	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:03	1
C11-C12	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:03	1
C13-C14	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:03	1
C15-C16	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:03	1
C17-C18	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:03	1
C19-C20	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:03	1
C21-C22	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:03	1
C23-C24	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:03	1
C25-C28	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:03	1
C29-C32	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:03	1
C33-C36	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:03	1
C37-C40	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:03	1
C41-C44	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:03	1
C6-C44	**12**		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:03	1
Diesel Range Organics [C10-C28]	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*99*		*61 - 145*	*12/02/19 12:38*	*12/03/19 01:03*	*1*

Client Sample ID: B2-5
Date Collected: 11/20/19 13:35
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-10
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:23	1
C7 as C7	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:23	1
C8 as C8	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:23	1
C9-C10	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:23	1
C11-C12	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:23	1
C13-C14	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:23	1
C15-C16	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:23	1
C17-C18	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:23	1
C19-C20	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:23	1
C21-C22	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:23	1
C23-C24	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:23	1
C25-C28	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:23	1
C29-C32	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:23	1
C33-C36	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:23	1
C37-C40	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:23	1
C41-C44	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:23	1
C6-C44	**6.1**		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:23	1
Diesel Range Organics [C10-C28]	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*90*		*61 - 145*	*12/02/19 12:38*	*12/03/19 01:23*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: B2-10
Date Collected: 11/20/19 13:45
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-11
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:44	1
C7 as C7	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:44	1
C8 as C8	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:44	1
C9-C10	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:44	1
C11-C12	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:44	1
C13-C14	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:44	1
C15-C16	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:44	1
C17-C18	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:44	1
C19-C20	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:44	1
C21-C22	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:44	1
C23-C24	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:44	1
C25-C28	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:44	1
C29-C32	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:44	1
C33-C36	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:44	1
C37-C40	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:44	1
C41-C44	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:44	1
C6-C44	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:44	1
Diesel Range Organics [C10-C28]	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 01:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*87*		*61 - 145*	*12/02/19 12:38*	*12/03/19 01:44*	*1*

Client Sample ID: B2-15
Date Collected: 11/20/19 13:50
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-12
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 20:08	1
C7 as C7	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 20:08	1
C8 as C8	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 20:08	1
C9-C10	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 20:08	1
C11-C12	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 20:08	1
C13-C14	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 20:08	1
C15-C16	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 20:08	1
C17-C18	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 20:08	1
C19-C20	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 20:08	1
C21-C22	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 20:08	1
C23-C24	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 20:08	1
C25-C28	**12**		4.9	mg/Kg		11/27/19 18:14	11/30/19 20:08	1
C29-C32	**17**		4.9	mg/Kg		11/27/19 18:14	11/30/19 20:08	1
C33-C36	**11**		4.9	mg/Kg		11/27/19 18:14	11/30/19 20:08	1
C37-C40	**8.1**		4.9	mg/Kg		11/27/19 18:14	11/30/19 20:08	1
C41-C44	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 20:08	1
C6-C44	**64**		4.9	mg/Kg		11/27/19 18:14	11/30/19 20:08	1
Diesel Range Organics [C10-C28]	**25**		4.9	mg/Kg		11/27/19 18:14	11/30/19 20:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*98*		*61 - 145*	*11/27/19 18:14*	*11/30/19 20:08*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: B3-5
Date Collected: 11/20/19 14:35
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-17
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 02:03	1
C7 as C7	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 02:03	1
C8 as C8	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 02:03	1
C9-C10	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 02:03	1
C11-C12	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 02:03	1
C13-C14	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 02:03	1
C15-C16	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 02:03	1
C17-C18	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 02:03	1
C19-C20	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 02:03	1
C21-C22	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 02:03	1
C23-C24	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 02:03	1
C25-C28	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 02:03	1
C29-C32	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 02:03	1
C33-C36	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 02:03	1
C37-C40	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 02:03	1
C41-C44	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 02:03	1
C6-C44	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 02:03	1
Diesel Range Organics [C10-C28]	ND		5.0	mg/Kg		12/02/19 12:38	12/03/19 02:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*87*		*61 - 145*	*12/02/19 12:38*	*12/03/19 02:03*	*1*

Client Sample ID: B3-10
Date Collected: 11/20/19 14:45
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-18
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 20:29	1
C7 as C7	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 20:29	1
C8 as C8	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 20:29	1
C9-C10	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 20:29	1
C11-C12	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 20:29	1
C13-C14	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 20:29	1
C15-C16	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 20:29	1
C17-C18	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 20:29	1
C19-C20	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 20:29	1
C21-C22	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 20:29	1
C23-C24	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 20:29	1
C25-C28	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 20:29	1
C29-C32	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 20:29	1
C33-C36	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 20:29	1
C37-C40	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 20:29	1
C41-C44	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 20:29	1
C6-C44	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 20:29	1
Diesel Range Organics [C10-C28]	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 20:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*97*		*61 - 145*	*11/27/19 18:14*	*11/30/19 20:29*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: B3-15
Date Collected: 11/20/19 14:50
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-19
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 20:50	1
C7 as C7	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 20:50	1
C8 as C8	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 20:50	1
C9-C10	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 20:50	1
C11-C12	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 20:50	1
C13-C14	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 20:50	1
C15-C16	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 20:50	1
C17-C18	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 20:50	1
C19-C20	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 20:50	1
C21-C22	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 20:50	1
C23-C24	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 20:50	1
C25-C28	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 20:50	1
C29-C32	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 20:50	1
C33-C36	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 20:50	1
C37-C40	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 20:50	1
C41-C44	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 20:50	1
C6-C44	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 20:50	1
Diesel Range Organics [C10-C28]	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 20:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*96*		*61 - 145*	*11/27/19 18:14*	*11/30/19 20:50*	*1*

Client Sample ID: B4-1
Date Collected: 11/20/19 14:00
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-23
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 21:10	1
C7 as C7	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 21:10	1
C8 as C8	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 21:10	1
C9-C10	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 21:10	1
C11-C12	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 21:10	1
C13-C14	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 21:10	1
C15-C16	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 21:10	1
C17-C18	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 21:10	1
C19-C20	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 21:10	1
C21-C22	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 21:10	1
C23-C24	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 21:10	1
C25-C28	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 21:10	1
C29-C32	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 21:10	1
C33-C36	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 21:10	1
C37-C40	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 21:10	1
C41-C44	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 21:10	1
C6-C44	**6.4**		4.9	mg/Kg		11/27/19 18:14	11/30/19 21:10	1
Diesel Range Organics [C10-C28]	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 21:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*95*		*61 - 145*	*11/27/19 18:14*	*11/30/19 21:10*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: B5-1
Date Collected: 11/20/19 13:24
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-25
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 21:31	1
C7 as C7	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 21:31	1
C8 as C8	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 21:31	1
C9-C10	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 21:31	1
C11-C12	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 21:31	1
C13-C14	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 21:31	1
C15-C16	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 21:31	1
C17-C18	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 21:31	1
C19-C20	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 21:31	1
C21-C22	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 21:31	1
C23-C24	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 21:31	1
C25-C28	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 21:31	1
C29-C32	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 21:31	1
C33-C36	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 21:31	1
C37-C40	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 21:31	1
C41-C44	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 21:31	1
C6-C44	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 21:31	1
Diesel Range Organics [C10-C28]	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 21:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*94*		*61 - 145*	*11/27/19 18:14*	*11/30/19 21:31*	*1*

Client Sample ID: B6-1
Date Collected: 11/20/19 12:35
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-27
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 21:50	1
C7 as C7	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 21:50	1
C8 as C8	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 21:50	1
C9-C10	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 21:50	1
C11-C12	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 21:50	1
C13-C14	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 21:50	1
C15-C16	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 21:50	1
C17-C18	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 21:50	1
C19-C20	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 21:50	1
C21-C22	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 21:50	1
C23-C24	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 21:50	1
C25-C28	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 21:50	1
C29-C32	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 21:50	1
C33-C36	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 21:50	1
C37-C40	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 21:50	1
C41-C44	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 21:50	1
C6-C44	**7.2**		4.9	mg/Kg		11/27/19 18:14	11/30/19 21:50	1
Diesel Range Organics [C10-C28]	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 21:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*95*		*61 - 145*	*11/27/19 18:14*	*11/30/19 21:50*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: B7-1
Date Collected: 11/20/19 14:23
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-29
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 22:11	1
C7 as C7	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 22:11	1
C8 as C8	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 22:11	1
C9-C10	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 22:11	1
C11-C12	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 22:11	1
C13-C14	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 22:11	1
C15-C16	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 22:11	1
C17-C18	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 22:11	1
C19-C20	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 22:11	1
C21-C22	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 22:11	1
C23-C24	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 22:11	1
C25-C28	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 22:11	1
C29-C32	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 22:11	1
C33-C36	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 22:11	1
C37-C40	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 22:11	1
C41-C44	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 22:11	1
C6-C44	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 22:11	1
Diesel Range Organics [C10-C28]	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 22:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*94*		*61 - 145*	*11/27/19 18:14*	*11/30/19 22:11*	*1*

Client Sample ID: B8-1
Date Collected: 11/20/19 13:54
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-31
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 22:31	1
C7 as C7	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 22:31	1
C8 as C8	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 22:31	1
C9-C10	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 22:31	1
C11-C12	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 22:31	1
C13-C14	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 22:31	1
C15-C16	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 22:31	1
C17-C18	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 22:31	1
C19-C20	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 22:31	1
C21-C22	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 22:31	1
C23-C24	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 22:31	1
C25-C28	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 22:31	1
C29-C32	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 22:31	1
C33-C36	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 22:31	1
C37-C40	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 22:31	1
C41-C44	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 22:31	1
C6-C44	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 22:31	1
Diesel Range Organics [C10-C28]	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 22:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*94*		*61 - 145*	*11/27/19 18:14*	*11/30/19 22:31*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: B10-6
Date Collected: 11/20/19 09:00
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-35
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 23:33	1
C7 as C7	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 23:33	1
C8 as C8	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 23:33	1
C9-C10	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 23:33	1
C11-C12	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 23:33	1
C13-C14	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 23:33	1
C15-C16	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 23:33	1
C17-C18	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 23:33	1
C19-C20	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 23:33	1
C21-C22	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 23:33	1
C23-C24	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 23:33	1
C25-C28	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 23:33	1
C29-C32	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 23:33	1
C33-C36	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 23:33	1
C37-C40	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 23:33	1
C41-C44	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 23:33	1
C6-C44	ND		5.0	mg/Kg		11/27/19 18:14	11/30/19 23:33	1
Diesel Range Organics [C10-C28]	**7.4**		5.0	mg/Kg		11/27/19 18:14	11/30/19 23:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*94*		*61 - 145*	*11/27/19 18:14*	*11/30/19 23:33*	*1*

Client Sample ID: B10-15
Date Collected: 11/20/19 09:05
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-36
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 23:54	1
C7 as C7	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 23:54	1
C8 as C8	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 23:54	1
C9-C10	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 23:54	1
C11-C12	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 23:54	1
C13-C14	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 23:54	1
C15-C16	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 23:54	1
C17-C18	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 23:54	1
C19-C20	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 23:54	1
C21-C22	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 23:54	1
C23-C24	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 23:54	1
C25-C28	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 23:54	1
C29-C32	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 23:54	1
C33-C36	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 23:54	1
C37-C40	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 23:54	1
C41-C44	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 23:54	1
C6-C44	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 23:54	1
Diesel Range Organics [C10-C28]	ND		4.9	mg/Kg		11/27/19 18:14	11/30/19 23:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*91*		*61 - 145*	*11/27/19 18:14*	*11/30/19 23:54*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: B11-6
Date Collected: 11/20/19 09:10
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-38
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 00:15	1
C7 as C7	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 00:15	1
C8 as C8	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 00:15	1
C9-C10	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 00:15	1
C11-C12	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 00:15	1
C13-C14	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 00:15	1
C15-C16	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 00:15	1
C17-C18	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 00:15	1
C19-C20	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 00:15	1
C21-C22	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 00:15	1
C23-C24	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 00:15	1
C25-C28	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 00:15	1
C29-C32	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 00:15	1
C33-C36	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 00:15	1
C37-C40	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 00:15	1
C41-C44	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 00:15	1
C6-C44	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 00:15	1
Diesel Range Organics [C10-C28]	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 00:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*96*		*61 - 145*	*11/27/19 18:14*	*12/01/19 00:15*	*1*

Client Sample ID: B11-15
Date Collected: 11/20/19 09:20
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-39
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 00:36	1
C7 as C7	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 00:36	1
C8 as C8	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 00:36	1
C9-C10	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 00:36	1
C11-C12	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 00:36	1
C13-C14	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 00:36	1
C15-C16	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 00:36	1
C17-C18	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 00:36	1
C19-C20	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 00:36	1
C21-C22	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 00:36	1
C23-C24	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 00:36	1
C25-C28	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 00:36	1
C29-C32	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 00:36	1
C33-C36	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 00:36	1
C37-C40	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 00:36	1
C41-C44	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 00:36	1
C6-C44	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 00:36	1
Diesel Range Organics [C10-C28]	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 00:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*87*		*61 - 145*	*11/27/19 18:14*	*12/01/19 00:36*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: B12-5
Date Collected: 11/20/19 11:00
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-42
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9	mg/Kg		11/27/19 18:14	12/01/19 00:56	1
C7 as C7	ND		4.9	mg/Kg		11/27/19 18:14	12/01/19 00:56	1
C8 as C8	ND		4.9	mg/Kg		11/27/19 18:14	12/01/19 00:56	1
C9-C10	ND		4.9	mg/Kg		11/27/19 18:14	12/01/19 00:56	1
C11-C12	ND		4.9	mg/Kg		11/27/19 18:14	12/01/19 00:56	1
C13-C14	ND		4.9	mg/Kg		11/27/19 18:14	12/01/19 00:56	1
C15-C16	ND		4.9	mg/Kg		11/27/19 18:14	12/01/19 00:56	1
C17-C18	ND		4.9	mg/Kg		11/27/19 18:14	12/01/19 00:56	1
C19-C20	ND		4.9	mg/Kg		11/27/19 18:14	12/01/19 00:56	1
C21-C22	ND		4.9	mg/Kg		11/27/19 18:14	12/01/19 00:56	1
C23-C24	ND		4.9	mg/Kg		11/27/19 18:14	12/01/19 00:56	1
C25-C28	ND		4.9	mg/Kg		11/27/19 18:14	12/01/19 00:56	1
C29-C32	ND		4.9	mg/Kg		11/27/19 18:14	12/01/19 00:56	1
C33-C36	ND		4.9	mg/Kg		11/27/19 18:14	12/01/19 00:56	1
C37-C40	ND		4.9	mg/Kg		11/27/19 18:14	12/01/19 00:56	1
C41-C44	ND		4.9	mg/Kg		11/27/19 18:14	12/01/19 00:56	1
C6-C44	ND		4.9	mg/Kg		11/27/19 18:14	12/01/19 00:56	1
Diesel Range Organics [C10-C28]	ND		4.9	mg/Kg		11/27/19 18:14	12/01/19 00:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*95*		*61 - 145*	*11/27/19 18:14*	*12/01/19 00:56*	*1*

Client Sample ID: B12-15
Date Collected: 11/20/19 11:15
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-44
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 01:18	1
C7 as C7	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 01:18	1
C8 as C8	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 01:18	1
C9-C10	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 01:18	1
C11-C12	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 01:18	1
C13-C14	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 01:18	1
C15-C16	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 01:18	1
C17-C18	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 01:18	1
C19-C20	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 01:18	1
C21-C22	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 01:18	1
C23-C24	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 01:18	1
C25-C28	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 01:18	1
C29-C32	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 01:18	1
C33-C36	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 01:18	1
C37-C40	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 01:18	1
C41-C44	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 01:18	1
C6-C44	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 01:18	1
Diesel Range Organics [C10-C28]	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 01:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*90*		*61 - 145*	*11/27/19 18:14*	*12/01/19 01:18*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: B13-5
Date Collected: 11/20/19 10:45
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-50
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 01:38	1
C7 as C7	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 01:38	1
C8 as C8	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 01:38	1
C9-C10	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 01:38	1
C11-C12	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 01:38	1
C13-C14	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 01:38	1
C15-C16	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 01:38	1
C17-C18	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 01:38	1
C19-C20	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 01:38	1
C21-C22	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 01:38	1
C23-C24	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 01:38	1
C25-C28	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 01:38	1
C29-C32	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 01:38	1
C33-C36	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 01:38	1
C37-C40	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 01:38	1
C41-C44	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 01:38	1
C6-C44	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 01:38	1
Diesel Range Organics [C10-C28]	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 01:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*95*		*61 - 145*	*11/27/19 18:14*	*12/01/19 01:38*	*1*

Client Sample ID: B21-1
Date Collected: 11/20/19 11:30
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-63
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9	mg/Kg		12/02/19 12:38	12/03/19 02:24	1
C7 as C7	ND		4.9	mg/Kg		12/02/19 12:38	12/03/19 02:24	1
C8 as C8	ND		4.9	mg/Kg		12/02/19 12:38	12/03/19 02:24	1
C9-C10	ND		4.9	mg/Kg		12/02/19 12:38	12/03/19 02:24	1
C11-C12	ND		4.9	mg/Kg		12/02/19 12:38	12/03/19 02:24	1
C13-C14	ND		4.9	mg/Kg		12/02/19 12:38	12/03/19 02:24	1
C15-C16	ND		4.9	mg/Kg		12/02/19 12:38	12/03/19 02:24	1
C17-C18	ND		4.9	mg/Kg		12/02/19 12:38	12/03/19 02:24	1
C19-C20	ND		4.9	mg/Kg		12/02/19 12:38	12/03/19 02:24	1
C21-C22	ND		4.9	mg/Kg		12/02/19 12:38	12/03/19 02:24	1
C23-C24	ND		4.9	mg/Kg		12/02/19 12:38	12/03/19 02:24	1
C25-C28	**13**		4.9	mg/Kg		12/02/19 12:38	12/03/19 02:24	1
C29-C32	**28**		4.9	mg/Kg		12/02/19 12:38	12/03/19 02:24	1
C33-C36	**29**		4.9	mg/Kg		12/02/19 12:38	12/03/19 02:24	1
C37-C40	**27**		4.9	mg/Kg		12/02/19 12:38	12/03/19 02:24	1
C41-C44	**15**		4.9	mg/Kg		12/02/19 12:38	12/03/19 02:24	1
C6-C44	**110**		4.9	mg/Kg		12/02/19 12:38	12/03/19 02:24	1
Diesel Range Organics [C10-C28]	**18**		4.9	mg/Kg		12/02/19 12:38	12/03/19 02:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*92*		*61 - 145*	*12/02/19 12:38*	*12/03/19 02:24*	*1*

Client Sample Results

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13749-1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: B22-5
Date Collected: 11/20/19 11:14
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-66
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0	mg/Kg		11/30/19 13:49	12/02/19 18:01	1
C7 as C7	ND		5.0	mg/Kg		11/30/19 13:49	12/02/19 18:01	1
C8 as C8	ND		5.0	mg/Kg		11/30/19 13:49	12/02/19 18:01	1
C9-C10	ND		5.0	mg/Kg		11/30/19 13:49	12/02/19 18:01	1
C11-C12	ND		5.0	mg/Kg		11/30/19 13:49	12/02/19 18:01	1
C13-C14	ND		5.0	mg/Kg		11/30/19 13:49	12/02/19 18:01	1
C15-C16	ND		5.0	mg/Kg		11/30/19 13:49	12/02/19 18:01	1
C17-C18	ND		5.0	mg/Kg		11/30/19 13:49	12/02/19 18:01	1
C19-C20	ND		5.0	mg/Kg		11/30/19 13:49	12/02/19 18:01	1
C21-C22	ND		5.0	mg/Kg		11/30/19 13:49	12/02/19 18:01	1
C23-C24	ND		5.0	mg/Kg		11/30/19 13:49	12/02/19 18:01	1
C25-C28	ND		5.0	mg/Kg		11/30/19 13:49	12/02/19 18:01	1
C29-C32	ND		5.0	mg/Kg		11/30/19 13:49	12/02/19 18:01	1
C33-C36	ND		5.0	mg/Kg		11/30/19 13:49	12/02/19 18:01	1
C37-C40	ND		5.0	mg/Kg		11/30/19 13:49	12/02/19 18:01	1
C41-C44	ND		5.0	mg/Kg		11/30/19 13:49	12/02/19 18:01	1
C6-C44	ND		5.0	mg/Kg		11/30/19 13:49	12/02/19 18:01	1
Diesel Range Organics [C10-C28]	ND		5.0	mg/Kg		11/30/19 13:49	12/02/19 18:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*98*		*61 - 145*	*11/30/19 13:49*	*12/02/19 18:01*	*1*

Method: 6010B - Metals (ICP)

Client Sample ID: B1-1
Date Collected: 11/20/19 12:05
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-1
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.250	mg/Kg		11/26/19 13:30	11/30/19 20:07	1
Arsenic	**2.05**		0.750	mg/Kg		11/26/19 13:30	11/30/19 20:07	1
Barium	**93.5**		0.500	mg/Kg		11/26/19 13:30	11/30/19 20:07	1
Beryllium	**0.420**		0.250	mg/Kg		11/26/19 13:30	11/30/19 20:07	1
Cadmium	ND		0.500	mg/Kg		11/26/19 13:30	11/30/19 20:07	1
Cobalt	**5.37**		0.250	mg/Kg		11/26/19 13:30	11/30/19 20:07	1
Chromium	**12.6**		0.250	mg/Kg		11/26/19 13:30	11/30/19 20:07	1
Copper	**7.18**		0.500	mg/Kg		11/26/19 13:30	11/30/19 20:07	1
Molybdenum	ND		0.250	mg/Kg		11/26/19 13:30	11/30/19 20:07	1
Nickel	**7.36**		0.250	mg/Kg		11/26/19 13:30	11/30/19 20:07	1
Antimony	ND	F1	0.750	mg/Kg		11/26/19 13:30	11/30/19 20:07	1
Selenium	ND		0.750	mg/Kg		11/26/19 13:30	11/30/19 20:07	1
Thallium	ND		0.750	mg/Kg		11/26/19 13:30	11/30/19 20:07	1
Vanadium	**22.2**		0.250	mg/Kg		11/26/19 13:30	11/30/19 20:07	1
Zinc	**24.2**		1.00	mg/Kg		11/26/19 13:30	11/30/19 20:07	1
Lead	**2.99**		0.500	mg/Kg		11/26/19 13:30	11/30/19 20:07	1

Client Sample ID: B2-1
Date Collected: 11/20/19 12:08
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-8
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**0.407**		0.240	mg/Kg		11/26/19 13:30	11/30/19 20:14	1
Arsenic	**4.12**		0.721	mg/Kg		11/26/19 13:30	11/30/19 20:14	1
Barium	**112**		0.481	mg/Kg		11/26/19 13:30	11/30/19 20:14	1
Beryllium	**0.394**		0.240	mg/Kg		11/26/19 13:30	11/30/19 20:14	1
Cadmium	**0.672**		0.481	mg/Kg		11/26/19 13:30	11/30/19 20:14	1
Cobalt	**4.65**		0.240	mg/Kg		11/26/19 13:30	11/30/19 20:14	1
Chromium	**16.2**		0.240	mg/Kg		11/26/19 13:30	11/30/19 20:14	1
Copper	**17.1**		0.481	mg/Kg		11/26/19 13:30	11/30/19 20:14	1
Molybdenum	**0.565**		0.240	mg/Kg		11/26/19 13:30	11/30/19 20:14	1
Nickel	**10.6**		0.240	mg/Kg		11/26/19 13:30	11/30/19 20:14	1
Antimony	ND		0.721	mg/Kg		11/26/19 13:30	11/30/19 20:14	1
Selenium	ND		0.721	mg/Kg		11/26/19 13:30	11/30/19 20:14	1
Thallium	ND		0.721	mg/Kg		11/26/19 13:30	11/30/19 20:14	1
Vanadium	**22.4**		0.240	mg/Kg		11/26/19 13:30	11/30/19 20:14	1
Zinc	**52.2**		0.962	mg/Kg		11/26/19 13:30	11/30/19 20:14	1
Lead	**20.1**		0.481	mg/Kg		11/26/19 13:30	11/30/19 20:14	1

Client Sample ID: B4-1
Date Collected: 11/20/19 14:00
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-23
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.256	mg/Kg		11/26/19 13:30	11/30/19 20:16	1
Arsenic	**10.3**		0.769	mg/Kg		11/26/19 13:30	11/30/19 20:16	1
Barium	**139**		0.513	mg/Kg		11/26/19 13:30	11/30/19 20:16	1
Beryllium	**0.503**		0.256	mg/Kg		11/26/19 13:30	11/30/19 20:16	1
Cadmium	ND		0.513	mg/Kg		11/26/19 13:30	11/30/19 20:16	1
Cobalt	**6.30**		0.256	mg/Kg		11/26/19 13:30	11/30/19 20:16	1
Chromium	**22.4**		0.256	mg/Kg		11/26/19 13:30	11/30/19 20:16	1
Copper	**15.9**		0.513	mg/Kg		11/26/19 13:30	11/30/19 20:16	1

Method: 6010B - Metals (ICP) (Continued)

Client Sample ID: B4-1 — **Lab Sample ID: 570-13749-23**
Date Collected: 11/20/19 14:00 — **Matrix: Solid**
Date Received: 11/22/19 13:00

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	**1.00**		0.256	mg/Kg		11/26/19 13:30	11/30/19 20:16	1
Nickel	**15.2**		0.256	mg/Kg		11/26/19 13:30	11/30/19 20:16	1
Antimony	**1.84**		0.769	mg/Kg		11/26/19 13:30	11/30/19 20:16	1
Selenium	ND		0.769	mg/Kg		11/26/19 13:30	11/30/19 20:16	1
Thallium	**0.882**		0.769	mg/Kg		11/26/19 13:30	11/30/19 20:16	1
Vanadium	**37.7**		0.256	mg/Kg		11/26/19 13:30	11/30/19 20:16	1
Zinc	**49.2**		1.03	mg/Kg		11/26/19 13:30	11/30/19 20:16	1
Lead	**7.69**		0.513	mg/Kg		11/26/19 13:30	11/30/19 20:16	1

Client Sample ID: B5-1 — **Lab Sample ID: 570-13749-25**
Date Collected: 11/20/19 13:24 — **Matrix: Solid**
Date Received: 11/22/19 13:00

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.263	mg/Kg		11/26/19 13:30	11/30/19 20:19	1
Arsenic	**4.43**		0.789	mg/Kg		11/26/19 13:30	11/30/19 20:19	1
Barium	**158**		0.526	mg/Kg		11/26/19 13:30	11/30/19 20:19	1
Beryllium	**0.535**		0.263	mg/Kg		11/26/19 13:30	11/30/19 20:19	1
Cadmium	ND		0.526	mg/Kg		11/26/19 13:30	11/30/19 20:19	1
Cobalt	**6.09**		0.263	mg/Kg		11/26/19 13:30	11/30/19 20:19	1
Chromium	**18.3**		0.263	mg/Kg		11/26/19 13:30	11/30/19 20:19	1
Copper	**8.75**		0.526	mg/Kg		11/26/19 13:30	11/30/19 20:19	1
Molybdenum	**0.656**		0.263	mg/Kg		11/26/19 13:30	11/30/19 20:19	1
Nickel	**13.8**		0.263	mg/Kg		11/26/19 13:30	11/30/19 20:19	1
Antimony	ND	L	0.789	mg/Kg		11/26/19 13:30	11/30/19 20:19	1
Selenium	ND	L	0.789	mg/Kg		11/26/19 13:30	11/30/19 20:19	1
Thallium	ND		0.789	mg/Kg		11/26/19 13:30	11/30/19 20:19	1
Vanadium	**33.0**		0.263	mg/Kg		11/26/19 13:30	11/30/19 20:19	1
Zinc	**32.6**		1.05	mg/Kg		11/26/19 13:30	11/30/19 20:19	1
Lead	**0.838**		0.526	mg/Kg		11/26/19 13:30	11/30/19 20:19	1

Client Sample ID: B6-1 — **Lab Sample ID: 570-13749-27**
Date Collected: 11/20/19 12:35 — **Matrix: Solid**
Date Received: 11/22/19 13:00

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**0.353**		0.238	mg/Kg		11/26/19 13:30	11/30/19 20:21	1
Arsenic	**4.69**		0.714	mg/Kg		11/26/19 13:30	11/30/19 20:21	1
Barium	**146**		0.476	mg/Kg		11/26/19 13:30	11/30/19 20:21	1
Beryllium	**0.628**		0.238	mg/Kg		11/26/19 13:30	11/30/19 20:21	1
Cadmium	ND		0.476	mg/Kg		11/26/19 13:30	11/30/19 20:21	1
Cobalt	**7.81**		0.238	mg/Kg		11/26/19 13:30	11/30/19 20:21	1
Chromium	**23.0**		0.238	mg/Kg		11/26/19 13:30	11/30/19 20:21	1
Copper	**17.2**		0.476	mg/Kg		11/26/19 13:30	11/30/19 20:21	1
Molybdenum	ND		0.238	mg/Kg		11/26/19 13:30	11/30/19 20:21	1
Nickel	**15.0**		0.238	mg/Kg		11/26/19 13:30	11/30/19 20:21	1
Antimony	ND		0.714	mg/Kg		11/26/19 13:30	11/30/19 20:21	1
Selenium	ND	L	0.714	mg/Kg		11/26/19 13:30	11/30/19 20:21	1
Thallium	ND		0.714	mg/Kg		11/26/19 13:30	11/30/19 20:21	1
Vanadium	**36.0**		0.238	mg/Kg		11/26/19 13:30	11/30/19 20:21	1
Zinc	**57.0**		0.952	mg/Kg		11/26/19 13:30	11/30/19 20:21	1
Lead	**9.74**		0.476	mg/Kg		11/26/19 13:30	11/30/19 20:21	1

Method: 6010B - Metals (ICP)

Client Sample ID: B7-1
Date Collected: 11/20/19 14:23
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-29
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.255	mg/Kg		11/26/19 13:30	11/30/19 20:24	1
Arsenic	**7.78**		0.765	mg/Kg		11/26/19 13:30	11/30/19 20:24	1
Barium	**147**		0.510	mg/Kg		11/26/19 13:30	11/30/19 20:24	1
Beryllium	**0.661**		0.255	mg/Kg		11/26/19 13:30	11/30/19 20:24	1
Cadmium	ND		0.510	mg/Kg		11/26/19 13:30	11/30/19 20:24	1
Cobalt	**8.21**		0.255	mg/Kg		11/26/19 13:30	11/30/19 20:24	1
Chromium	**22.3**		0.255	mg/Kg		11/26/19 13:30	11/30/19 20:24	1
Copper	**15.5**		0.510	mg/Kg		11/26/19 13:30	11/30/19 20:24	1
Molybdenum	**0.441**		0.255	mg/Kg		11/26/19 13:30	11/30/19 20:24	1
Nickel	**16.2**		0.255	mg/Kg		11/26/19 13:30	11/30/19 20:24	1
Antimony	ND		0.765	mg/Kg		11/26/19 13:30	11/30/19 20:24	1
Selenium	ND	L	0.765	mg/Kg		11/26/19 13:30	11/30/19 20:24	1
Thallium	ND		0.765	mg/Kg		11/26/19 13:30	11/30/19 20:24	1
Vanadium	**39.0**		0.255	mg/Kg		11/26/19 13:30	11/30/19 20:24	1
Zinc	**47.7**		1.02	mg/Kg		11/26/19 13:30	11/30/19 20:24	1
Lead	**3.03**		0.510	mg/Kg		11/26/19 13:30	11/30/19 20:24	1

Client Sample ID: B8-1
Date Collected: 11/20/19 13:54
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-31
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.239	mg/Kg		11/26/19 13:30	11/30/19 20:26	1
Arsenic	**3.67**		0.718	mg/Kg		11/26/19 13:30	11/30/19 20:26	1
Barium	**87.2**		0.478	mg/Kg		11/26/19 13:30	11/30/19 20:26	1
Beryllium	**0.322**		0.239	mg/Kg		11/26/19 13:30	11/30/19 20:26	1
Cadmium	ND		0.478	mg/Kg		11/26/19 13:30	11/30/19 20:26	1
Cobalt	**3.49**		0.239	mg/Kg		11/26/19 13:30	11/30/19 20:26	1
Chromium	**8.84**		0.239	mg/Kg		11/26/19 13:30	11/30/19 20:26	1
Copper	**5.66**		0.478	mg/Kg		11/26/19 13:30	11/30/19 20:26	1
Molybdenum	ND		0.239	mg/Kg		11/26/19 13:30	11/30/19 20:26	1
Nickel	**6.64**		0.239	mg/Kg		11/26/19 13:30	11/30/19 20:26	1
Antimony	ND		0.718	mg/Kg		11/26/19 13:30	11/30/19 20:26	1
Selenium	**0.822**		0.718	mg/Kg		11/26/19 13:30	11/30/19 20:26	1
Thallium	ND		0.718	mg/Kg		11/26/19 13:30	11/30/19 20:26	1
Vanadium	**16.2**		0.239	mg/Kg		11/26/19 13:30	11/30/19 20:26	1
Zinc	**21.4**		0.957	mg/Kg		11/26/19 13:30	11/30/19 20:26	1
Lead	**1.17**		0.478	mg/Kg		11/26/19 13:30	11/30/19 20:26	1

Client Sample ID: B10-1
Date Collected: 11/20/19 08:20
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-34
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.251	mg/Kg		11/26/19 13:30	11/30/19 20:29	1
Arsenic	**3.85**		0.754	mg/Kg		11/26/19 13:30	11/30/19 20:29	1
Barium	**133**		0.503	mg/Kg		11/26/19 13:30	11/30/19 20:29	1
Beryllium	**0.551**		0.251	mg/Kg		11/26/19 13:30	11/30/19 20:29	1
Cadmium	ND		0.503	mg/Kg		11/26/19 13:30	11/30/19 20:29	1
Cobalt	**7.96**		0.251	mg/Kg		11/26/19 13:30	11/30/19 20:29	1
Chromium	**16.7**		0.251	mg/Kg		11/26/19 13:30	11/30/19 20:29	1
Copper	**24.5**		0.503	mg/Kg		11/26/19 13:30	11/30/19 20:29	1

Method: 6010B - Metals (ICP) (Continued)

Client Sample ID: B10-1 — **Lab Sample ID: 570-13749-34**
Date Collected: 11/20/19 08:20 — **Matrix: Solid**
Date Received: 11/22/19 13:00

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	ND	L	0.251	mg/Kg		11/26/19 13:30	11/30/19 20:29	1
Nickel	**16.8**		0.251	mg/Kg		11/26/19 13:30	11/30/19 20:29	1
Antimony	ND	L	0.754	mg/Kg		11/26/19 13:30	11/30/19 20:29	1
Selenium	ND	L	0.754	mg/Kg		11/26/19 13:30	11/30/19 20:29	1
Thallium	ND		0.754	mg/Kg		11/26/19 13:30	11/30/19 20:29	1
Vanadium	**33.8**		0.251	mg/Kg		11/26/19 13:30	11/30/19 20:29	1
Zinc	**39.4**		1.01	mg/Kg		11/26/19 13:30	11/30/19 20:29	1
Lead	**1.56**		0.503	mg/Kg		11/26/19 13:30	11/30/19 20:29	1

Client Sample ID: B11-1 — **Lab Sample ID: 570-13749-37**
Date Collected: 11/20/19 08:40 — **Matrix: Solid**
Date Received: 11/22/19 13:00

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.243	mg/Kg		11/26/19 13:30	11/30/19 20:39	1
Arsenic	**4.74**		0.728	mg/Kg		11/26/19 13:30	11/30/19 20:39	1
Barium	**137**		0.485	mg/Kg		11/26/19 13:30	11/30/19 20:39	1
Beryllium	**0.578**		0.243	mg/Kg		11/26/19 13:30	11/30/19 20:39	1
Cadmium	ND		0.485	mg/Kg		11/26/19 13:30	11/30/19 20:39	1
Cobalt	**7.22**		0.243	mg/Kg		11/26/19 13:30	11/30/19 20:39	1
Chromium	**21.8**		0.243	mg/Kg		11/26/19 13:30	11/30/19 20:39	1
Copper	**23.5**		0.485	mg/Kg		11/26/19 13:30	11/30/19 20:39	1
Molybdenum	ND	L	0.243	mg/Kg		11/26/19 13:30	11/30/19 20:39	1
Nickel	**14.8**		0.243	mg/Kg		11/26/19 13:30	11/30/19 20:39	1
Antimony	ND	L	0.728	mg/Kg		11/26/19 13:30	11/30/19 20:39	1
Selenium	ND	L	0.728	mg/Kg		11/26/19 13:30	11/30/19 20:39	1
Thallium	ND		0.728	mg/Kg		11/26/19 13:30	11/30/19 20:39	1
Vanadium	**34.2**		0.243	mg/Kg		11/26/19 13:30	11/30/19 20:39	1
Zinc	**81.2**		0.971	mg/Kg		11/26/19 13:30	11/30/19 20:39	1
Lead	**16.8**		0.485	mg/Kg		11/26/19 13:30	11/30/19 20:39	1

Client Sample ID: B12-1 — **Lab Sample ID: 570-13749-40**
Date Collected: 11/20/19 10:40 — **Matrix: Solid**
Date Received: 11/22/19 13:00

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.245	mg/Kg		11/26/19 13:30	11/30/19 20:41	1
Arsenic	**4.24**		0.735	mg/Kg		11/26/19 13:30	11/30/19 20:41	1
Barium	**171**		0.490	mg/Kg		11/26/19 13:30	11/30/19 20:41	1
Beryllium	**0.474**		0.245	mg/Kg		11/26/19 13:30	11/30/19 20:41	1
Cadmium	ND		0.490	mg/Kg		11/26/19 13:30	11/30/19 20:41	1
Cobalt	**6.61**		0.245	mg/Kg		11/26/19 13:30	11/30/19 20:41	1
Chromium	**17.2**		0.245	mg/Kg		11/26/19 13:30	11/30/19 20:41	1
Copper	**12.6**		0.490	mg/Kg		11/26/19 13:30	11/30/19 20:41	1
Molybdenum	ND		0.245	mg/Kg		11/26/19 13:30	11/30/19 20:41	1
Nickel	**12.9**		0.245	mg/Kg		11/26/19 13:30	11/30/19 20:41	1
Antimony	ND		0.735	mg/Kg		11/26/19 13:30	11/30/19 20:41	1
Selenium	ND	L	0.735	mg/Kg		11/26/19 13:30	11/30/19 20:41	1
Thallium	ND		0.735	mg/Kg		11/26/19 13:30	11/30/19 20:41	1
Vanadium	**30.0**		0.245	mg/Kg		11/26/19 13:30	11/30/19 20:41	1
Zinc	**60.9**		0.980	mg/Kg		11/26/19 13:30	11/30/19 20:41	1
Lead	**28.8**		0.490	mg/Kg		11/26/19 13:30	11/30/19 20:41	1

Method: 6010B - Metals (ICP)

Client Sample ID: B13-1
Date Collected: 11/20/19 10:40
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-48
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.240	mg/Kg		11/26/19 13:30	11/30/19 20:43	1
Arsenic	**2.92**		0.721	mg/Kg		11/26/19 13:30	11/30/19 20:43	1
Barium	**185**		0.481	mg/Kg		11/26/19 13:30	11/30/19 20:43	1
Beryllium	**0.478**		0.240	mg/Kg		11/26/19 13:30	11/30/19 20:43	1
Cadmium	ND		0.481	mg/Kg		11/26/19 13:30	11/30/19 20:43	1
Cobalt	**6.81**		0.240	mg/Kg		11/26/19 13:30	11/30/19 20:43	1
Chromium	**16.6**		0.240	mg/Kg		11/26/19 13:30	11/30/19 20:43	1
Copper	**11.4**		0.481	mg/Kg		11/26/19 13:30	11/30/19 20:43	1
Molybdenum	ND		0.240	mg/Kg		11/26/19 13:30	11/30/19 20:43	1
Nickel	**12.2**		0.240	mg/Kg		11/26/19 13:30	11/30/19 20:43	1
Antimony	ND	L	0.721	mg/Kg		11/26/19 13:30	11/30/19 20:43	1
Selenium	ND		0.721	mg/Kg		11/26/19 13:30	11/30/19 20:43	1
Thallium	ND		0.721	mg/Kg		11/26/19 13:30	11/30/19 20:43	1
Vanadium	**31.0**		0.240	mg/Kg		11/26/19 13:30	11/30/19 20:43	1
Zinc	**49.7**		0.962	mg/Kg		11/26/19 13:30	11/30/19 20:43	1
Lead	**14.4**		0.481	mg/Kg		11/26/19 13:30	11/30/19 20:43	1

Client Sample ID: B17-1
Date Collected: 11/20/19 07:35
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-51
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.251	mg/Kg		11/26/19 13:30	11/30/19 20:46	1
Arsenic	**4.63**		0.754	mg/Kg		11/26/19 13:30	11/30/19 20:46	1
Barium	**156**		0.503	mg/Kg		11/26/19 13:30	11/30/19 20:46	1
Beryllium	**0.660**		0.251	mg/Kg		11/26/19 13:30	11/30/19 20:46	1
Cadmium	ND		0.503	mg/Kg		11/26/19 13:30	11/30/19 20:46	1
Cobalt	**9.19**		0.251	mg/Kg		11/26/19 13:30	11/30/19 20:46	1
Chromium	**20.5**		0.251	mg/Kg		11/26/19 13:30	11/30/19 20:46	1
Copper	**23.0**		0.503	mg/Kg		11/26/19 13:30	11/30/19 20:46	1
Molybdenum	ND	L	0.251	mg/Kg		11/26/19 13:30	11/30/19 20:46	1
Nickel	**17.1**		0.251	mg/Kg		11/26/19 13:30	11/30/19 20:46	1
Antimony	ND	L	0.754	mg/Kg		11/26/19 13:30	11/30/19 20:46	1
Selenium	ND	L	0.754	mg/Kg		11/26/19 13:30	11/30/19 20:46	1
Thallium	ND		0.754	mg/Kg		11/26/19 13:30	11/30/19 20:46	1
Vanadium	**40.2**		0.251	mg/Kg		11/26/19 13:30	11/30/19 20:46	1
Zinc	**47.7**		1.01	mg/Kg		11/26/19 13:30	11/30/19 20:46	1
Lead	**4.59**		0.503	mg/Kg		11/26/19 13:30	11/30/19 20:46	1

Client Sample ID: B18-1
Date Collected: 11/20/19 07:40
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-54
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.254	mg/Kg		11/26/19 13:30	11/30/19 20:48	1
Arsenic	**8.84**		0.761	mg/Kg		11/26/19 13:30	11/30/19 20:48	1
Barium	**166**		0.508	mg/Kg		11/26/19 13:30	11/30/19 20:48	1
Beryllium	**0.733**		0.254	mg/Kg		11/26/19 13:30	11/30/19 20:48	1
Cadmium	ND		0.508	mg/Kg		11/26/19 13:30	11/30/19 20:48	1
Cobalt	**10.6**		0.254	mg/Kg		11/26/19 13:30	11/30/19 20:48	1
Chromium	**22.0**		0.254	mg/Kg		11/26/19 13:30	11/30/19 20:48	1
Copper	**31.4**		0.508	mg/Kg		11/26/19 13:30	11/30/19 20:48	1

Method: 6010B - Metals (ICP) (Continued)

Client Sample ID: B18-1 — **Lab Sample ID: 570-13749-54**
Date Collected: 11/20/19 07:40 — **Matrix: Solid**
Date Received: 11/22/19 13:00

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	ND		0.254	mg/Kg		11/26/19 13:30	11/30/19 20:48	1
Nickel	**20.9**		0.254	mg/Kg		11/26/19 13:30	11/30/19 20:48	1
Antimony	ND	L	0.761	mg/Kg		11/26/19 13:30	11/30/19 20:48	1
Selenium	ND	L	0.761	mg/Kg		11/26/19 13:30	11/30/19 20:48	1
Thallium	ND		0.761	mg/Kg		11/26/19 13:30	11/30/19 20:48	1
Vanadium	**46.1**		0.254	mg/Kg		11/26/19 13:30	11/30/19 20:48	1
Zinc	**55.1**		1.02	mg/Kg		11/26/19 13:30	11/30/19 20:48	1
Lead	**2.26**		0.508	mg/Kg		11/26/19 13:30	11/30/19 20:48	1

Client Sample ID: B19-1 — **Lab Sample ID: 570-13749-57**
Date Collected: 11/20/19 08:20 — **Matrix: Solid**
Date Received: 11/22/19 13:00

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.240	mg/Kg		11/26/19 13:30	11/30/19 20:51	1
Arsenic	**4.96**		0.721	mg/Kg		11/26/19 13:30	11/30/19 20:51	1
Barium	**148**		0.481	mg/Kg		11/26/19 13:30	11/30/19 20:51	1
Beryllium	**0.634**		0.240	mg/Kg		11/26/19 13:30	11/30/19 20:51	1
Cadmium	ND		0.481	mg/Kg		11/26/19 13:30	11/30/19 20:51	1
Cobalt	**6.93**		0.240	mg/Kg		11/26/19 13:30	11/30/19 20:51	1
Chromium	**20.6**		0.240	mg/Kg		11/26/19 13:30	11/30/19 20:51	1
Copper	**19.1**		0.481	mg/Kg		11/26/19 13:30	11/30/19 20:51	1
Molybdenum	ND		0.240	mg/Kg		11/26/19 13:30	11/30/19 20:51	1
Nickel	**15.4**		0.240	mg/Kg		11/26/19 13:30	11/30/19 20:51	1
Antimony	ND	L	0.721	mg/Kg		11/26/19 13:30	11/30/19 20:51	1
Selenium	ND	L	0.721	mg/Kg		11/26/19 13:30	11/30/19 20:51	1
Thallium	ND		0.721	mg/Kg		11/26/19 13:30	11/30/19 20:51	1
Vanadium	**39.5**		0.240	mg/Kg		11/26/19 13:30	11/30/19 20:51	1
Zinc	**44.3**		0.962	mg/Kg		11/26/19 13:30	11/30/19 20:51	1
Lead	**3.16**		0.481	mg/Kg		11/26/19 13:30	11/30/19 20:51	1

Client Sample ID: B20-1 — **Lab Sample ID: 570-13749-60**
Date Collected: 11/20/19 08:20 — **Matrix: Solid**
Date Received: 11/22/19 13:00

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.258	mg/Kg		11/26/19 13:30	11/30/19 20:53	1
Arsenic	**12.1**		0.773	mg/Kg		11/26/19 13:30	11/30/19 20:53	1
Barium	**168**		0.515	mg/Kg		11/26/19 13:30	11/30/19 20:53	1
Beryllium	**0.693**		0.258	mg/Kg		11/26/19 13:30	11/30/19 20:53	1
Cadmium	ND		0.515	mg/Kg		11/26/19 13:30	11/30/19 20:53	1
Cobalt	**10.5**		0.258	mg/Kg		11/26/19 13:30	11/30/19 20:53	1
Chromium	**24.0**		0.258	mg/Kg		11/26/19 13:30	11/30/19 20:53	1
Copper	**37.0**		0.515	mg/Kg		11/26/19 13:30	11/30/19 20:53	1
Molybdenum	ND		0.258	mg/Kg		11/26/19 13:30	11/30/19 20:53	1
Nickel	**22.7**		0.258	mg/Kg		11/26/19 13:30	11/30/19 20:53	1
Antimony	ND		0.773	mg/Kg		11/26/19 13:30	11/30/19 20:53	1
Selenium	ND		0.773	mg/Kg		11/26/19 13:30	11/30/19 20:53	1
Thallium	ND		0.773	mg/Kg		11/26/19 13:30	11/30/19 20:53	1
Vanadium	**41.7**		0.258	mg/Kg		11/26/19 13:30	11/30/19 20:53	1
Zinc	**60.6**		1.03	mg/Kg		11/26/19 13:30	11/30/19 20:53	1
Lead	**7.41**		0.515	mg/Kg		11/26/19 13:30	11/30/19 20:53	1

Method: 6010B - Metals (ICP)

Client Sample ID: B21-1
Date Collected: 11/20/19 11:30
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-63
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.258	mg/Kg		11/26/19 13:30	11/30/19 20:56	1
Arsenic	**0.956**		0.773	mg/Kg		11/26/19 13:30	11/30/19 20:56	1
Barium	**283**		0.515	mg/Kg		11/26/19 13:30	11/30/19 20:56	1
Beryllium	**0.304**		0.258	mg/Kg		11/26/19 13:30	11/30/19 20:56	1
Cadmium	ND		0.515	mg/Kg		11/26/19 13:30	11/30/19 20:56	1
Cobalt	**5.28**		0.258	mg/Kg		11/26/19 13:30	11/30/19 20:56	1
Chromium	**9.22**		0.258	mg/Kg		11/26/19 13:30	11/30/19 20:56	1
Copper	**6.58**		0.515	mg/Kg		11/26/19 13:30	11/30/19 20:56	1
Molybdenum	ND	L	0.258	mg/Kg		11/26/19 13:30	11/30/19 20:56	1
Nickel	**8.91**		0.258	mg/Kg		11/26/19 13:30	11/30/19 20:56	1
Antimony	ND		0.773	mg/Kg		11/26/19 13:30	11/30/19 20:56	1
Selenium	ND	L	0.773	mg/Kg		11/26/19 13:30	11/30/19 20:56	1
Thallium	ND		0.773	mg/Kg		11/26/19 13:30	11/30/19 20:56	1
Vanadium	**17.1**		0.258	mg/Kg		11/26/19 13:30	11/30/19 20:56	1
Zinc	**27.7**		1.03	mg/Kg		11/26/19 13:30	11/30/19 20:56	1
Lead	**1.41**		0.515	mg/Kg		11/26/19 13:30	11/30/19 20:56	1

Client Sample ID: B22-1
Date Collected: 11/20/19 11:05
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-64
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.255	mg/Kg		11/26/19 13:30	11/30/19 20:58	1
Arsenic	**1.76**		0.765	mg/Kg		11/26/19 13:30	11/30/19 20:58	1
Barium	**171**		0.510	mg/Kg		11/26/19 13:30	11/30/19 20:58	1
Beryllium	**0.301**		0.255	mg/Kg		11/26/19 13:30	11/30/19 20:58	1
Cadmium	ND		0.510	mg/Kg		11/26/19 13:30	11/30/19 20:58	1
Cobalt	**5.87**		0.255	mg/Kg		11/26/19 13:30	11/30/19 20:58	1
Chromium	**11.3**		0.255	mg/Kg		11/26/19 13:30	11/30/19 20:58	1
Copper	**8.97**		0.510	mg/Kg		11/26/19 13:30	11/30/19 20:58	1
Molybdenum	ND		0.255	mg/Kg		11/26/19 13:30	11/30/19 20:58	1
Nickel	**8.94**		0.255	mg/Kg		11/26/19 13:30	11/30/19 20:58	1
Antimony	ND		0.765	mg/Kg		11/26/19 13:30	11/30/19 20:58	1
Selenium	ND	L	0.765	mg/Kg		11/26/19 13:30	11/30/19 20:58	1
Thallium	ND		0.765	mg/Kg		11/26/19 13:30	11/30/19 20:58	1
Vanadium	**19.1**		0.255	mg/Kg		11/26/19 13:30	11/30/19 20:58	1
Zinc	**44.0**		1.02	mg/Kg		11/26/19 13:30	11/30/19 20:58	1
Lead	**7.52**		0.510	mg/Kg		11/26/19 13:30	11/30/19 20:58	1

Client Sample ID: B24-1
Date Collected: 11/20/19 09:33
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-70
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.253	mg/Kg		11/26/19 13:30	11/30/19 21:00	1
Arsenic	**4.63**		0.758	mg/Kg		11/26/19 13:30	11/30/19 21:00	1
Barium	**246**		0.505	mg/Kg		11/26/19 13:30	11/30/19 21:00	1
Beryllium	**0.461**		0.253	mg/Kg		11/26/19 13:30	11/30/19 21:00	1
Cadmium	ND		0.505	mg/Kg		11/26/19 13:30	11/30/19 21:00	1
Cobalt	**7.69**		0.253	mg/Kg		11/26/19 13:30	11/30/19 21:00	1
Chromium	**15.0**		0.253	mg/Kg		11/26/19 13:30	11/30/19 21:00	1
Copper	**21.9**		0.505	mg/Kg		11/26/19 13:30	11/30/19 21:00	1

Method: 6010B - Metals (ICP) (Continued)

Client Sample ID: B24-1
Date Collected: 11/20/19 09:33
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-70
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	ND	L	0.253	mg/Kg		11/26/19 13:30	11/30/19 21:00	1
Nickel	**13.9**		0.253	mg/Kg		11/26/19 13:30	11/30/19 21:00	1
Antimony	ND		0.758	mg/Kg		11/26/19 13:30	11/30/19 21:00	1
Selenium	ND	L	0.758	mg/Kg		11/26/19 13:30	11/30/19 21:00	1
Thallium	ND		0.758	mg/Kg		11/26/19 13:30	11/30/19 21:00	1
Vanadium	**27.5**		0.253	mg/Kg		11/26/19 13:30	11/30/19 21:00	1
Zinc	**115**		1.01	mg/Kg		11/26/19 13:30	11/30/19 21:00	1
Lead	**40.4**		0.505	mg/Kg		11/26/19 13:30	11/30/19 21:00	1

Client Sample ID: B26-1
Date Collected: 11/20/19 08:50
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-76
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.251	mg/Kg		11/26/19 13:30	11/30/19 21:10	1
Arsenic	**3.00**		0.754	mg/Kg		11/26/19 13:30	11/30/19 21:10	1
Barium	**123**		0.503	mg/Kg		11/26/19 13:30	11/30/19 21:10	1
Beryllium	**0.511**		0.251	mg/Kg		11/26/19 13:30	11/30/19 21:10	1
Cadmium	ND		0.503	mg/Kg		11/26/19 13:30	11/30/19 21:10	1
Cobalt	**7.37**		0.251	mg/Kg		11/26/19 13:30	11/30/19 21:10	1
Chromium	**16.2**		0.251	mg/Kg		11/26/19 13:30	11/30/19 21:10	1
Copper	**19.1**		0.503	mg/Kg		11/26/19 13:30	11/30/19 21:10	1
Molybdenum	ND	L	0.251	mg/Kg		11/26/19 13:30	11/30/19 21:10	1
Nickel	**14.6**		0.251	mg/Kg		11/26/19 13:30	11/30/19 21:10	1
Antimony	ND		0.754	mg/Kg		11/26/19 13:30	11/30/19 21:10	1
Selenium	ND	L	0.754	mg/Kg		11/26/19 13:30	11/30/19 21:10	1
Thallium	ND		0.754	mg/Kg		11/26/19 13:30	11/30/19 21:10	1
Vanadium	**31.2**		0.251	mg/Kg		11/26/19 13:30	11/30/19 21:10	1
Zinc	**55.6**		1.01	mg/Kg		11/26/19 13:30	11/30/19 21:10	1
Lead	**20.3**		0.503	mg/Kg		11/26/19 13:30	11/30/19 21:10	1

Method: 7471A - Mercury (CVAA)

Client Sample ID: B1-1 — **Lab Sample ID: 570-13749-1**
Date Collected: 11/20/19 12:05 — **Matrix: Solid**
Date Received: 11/22/19 13:00

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0862	mg/Kg		11/25/19 20:15	11/26/19 16:12	1

Client Sample ID: B2-1 — **Lab Sample ID: 570-13749-8**
Date Collected: 11/20/19 12:08 — **Matrix: Solid**
Date Received: 11/22/19 13:00

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0794	mg/Kg		11/25/19 20:15	11/26/19 16:19	1

Client Sample ID: B4-1 — **Lab Sample ID: 570-13749-23**
Date Collected: 11/20/19 14:00 — **Matrix: Solid**
Date Received: 11/22/19 13:00

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0794	mg/Kg		11/25/19 20:15	11/26/19 16:21	1

Client Sample ID: B5-1 — **Lab Sample ID: 570-13749-25**
Date Collected: 11/20/19 13:24 — **Matrix: Solid**
Date Received: 11/22/19 13:00

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0820	mg/Kg		11/25/19 20:15	11/26/19 16:24	1

Client Sample ID: B6-1 — **Lab Sample ID: 570-13749-27**
Date Collected: 11/20/19 12:35 — **Matrix: Solid**
Date Received: 11/22/19 13:00

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0833	mg/Kg		11/25/19 20:15	11/26/19 16:26	1

Client Sample ID: B7-1 — **Lab Sample ID: 570-13749-29**
Date Collected: 11/20/19 14:23 — **Matrix: Solid**
Date Received: 11/22/19 13:00

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0794	mg/Kg		11/25/19 20:15	11/26/19 16:33	1

Client Sample ID: B8-1 — **Lab Sample ID: 570-13749-31**
Date Collected: 11/20/19 13:54 — **Matrix: Solid**
Date Received: 11/22/19 13:00

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0820	mg/Kg		11/25/19 20:15	11/26/19 16:35	1

Client Sample ID: B10-1 — **Lab Sample ID: 570-13749-34**
Date Collected: 11/20/19 08:20 — **Matrix: Solid**
Date Received: 11/22/19 13:00

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0806	mg/Kg		11/25/19 20:15	11/26/19 16:38	1

Client Sample ID: B11-1 — **Lab Sample ID: 570-13749-37**
Date Collected: 11/20/19 08:40 — **Matrix: Solid**
Date Received: 11/22/19 13:00

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0833	mg/Kg		11/25/19 20:15	11/26/19 16:40	1

Method: 7471A - Mercury (CVAA)

Client Sample ID: B12-1 — **Lab Sample ID: 570-13749-40**
Date Collected: 11/20/19 10:40 — **Matrix: Solid**
Date Received: 11/22/19 13:00

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0794	mg/Kg		11/25/19 20:15	11/26/19 16:42	1

Client Sample ID: B13-1 — **Lab Sample ID: 570-13749-48**
Date Collected: 11/20/19 10:40 — **Matrix: Solid**
Date Received: 11/22/19 13:00

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.176**		0.0833	mg/Kg		11/25/19 20:15	11/26/19 16:45	1

Client Sample ID: B17-1 — **Lab Sample ID: 570-13749-51**
Date Collected: 11/20/19 07:35 — **Matrix: Solid**
Date Received: 11/22/19 13:00

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0794	mg/Kg		11/25/19 20:15	11/26/19 16:47	1

Client Sample ID: B18-1 — **Lab Sample ID: 570-13749-54**
Date Collected: 11/20/19 07:40 — **Matrix: Solid**
Date Received: 11/22/19 13:00

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0820	mg/Kg		11/25/19 20:15	11/26/19 16:49	1

Client Sample ID: B19-1 — **Lab Sample ID: 570-13749-57**
Date Collected: 11/20/19 08:20 — **Matrix: Solid**
Date Received: 11/22/19 13:00

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0862	mg/Kg		11/25/19 20:15	11/26/19 16:51	1

Client Sample ID: B20-1 — **Lab Sample ID: 570-13749-60**
Date Collected: 11/20/19 08:20 — **Matrix: Solid**
Date Received: 11/22/19 13:00

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0877	mg/Kg		11/25/19 20:15	11/26/19 16:54	1

Client Sample ID: B21-1 — **Lab Sample ID: 570-13749-63**
Date Collected: 11/20/19 11:30 — **Matrix: Solid**
Date Received: 11/22/19 13:00

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.135**		0.0794	mg/Kg		11/25/19 20:15	11/26/19 17:01	1

Client Sample ID: B22-1 — **Lab Sample ID: 570-13749-64**
Date Collected: 11/20/19 11:05 — **Matrix: Solid**
Date Received: 11/22/19 13:00

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0806	mg/Kg		11/25/19 20:15	11/26/19 17:03	1

Client Sample ID: B24-1 — **Lab Sample ID: 570-13749-70**
Date Collected: 11/20/19 09:33 — **Matrix: Solid**
Date Received: 11/22/19 13:00

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0794	mg/Kg		11/25/19 20:15	11/26/19 17:05	1

Client Sample Results

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13749-1

Method: 7471A - Mercury (CVAA)

Client Sample ID: B26-1
Date Collected: 11/20/19 08:50
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-76
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0794		mg/Kg		11/25/19 20:15	11/26/19 17:08	1

Surrogate Summary

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13749-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(71-155)	(80-120)	(79-133)	(80-120)
570-13749-2	B1-5	110	101	105	100
570-13749-4	B1-15	109	103	101	100
570-13749-10	B2-5	111	102	103	101
570-13749-12	B2-15	119	102	110	102
570-13749-17	B3-5	122	102	110	100
570-13749-19	B3-15	124	101	112	100
570-13749-35	B10-6	125	102	112	101
570-13749-38	B11-6	121	102	107	101
570-13749-42	B12-5	122	101	109	101
LCS 570-35770/3	Lab Control Sample	103	101	105	100
LCS 570-35785/5	Lab Control Sample	93	100	94	100
LCSD 570-35770/4	Lab Control Sample Dup	103	102	104	101
LCSD 570-35785/6	Lab Control Sample Dup	91	102	93	101
MB 570-35770/6	Method Blank	109	99	105	99
MB 570-35785/8	Method Blank	97	101	97	100

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL6	TPHd14
Lab Sample ID	Client Sample ID	(18-138)	(27-120)	(25-120)	(33-123)	(26-122)	(27-159)
570-13749-1	B1-1	61	58	60	48	64	69
570-13749-2	B1-5	84	71	74	59	74	99
570-13749-3	B1-10	86	79	74	74	79	88
570-13749-8	B2-1	79	76	78	77	81	89
570-13749-8 MS	B2-1	78	74	79	75	80	93
570-13749-8 MSD	B2-1	75	68	71	70	69	87
570-13749-9	B2-3	77	70	70	70	73	93
570-13749-10	B2-5	53	46	47	46	50	64
570-13749-11	B2-10	49	51	48	49	50	56
570-13749-16	B3-3	57	49	49	39	52	71
570-13749-17	B3-5	86	80	85	66	87	97
570-13749-18	B3-10	65	56	61	48	59	67
570-13749-23	B4-1	66	68	69	66	71	77
570-13749-24	B4-3	58	59	64	63	68	78
570-13749-25	B5-1	67	68	71	69	74	86
570-13749-26	B5-3	76	78	80	81	85	95
570-13749-27	B6-1	78	71	75	74	80	96
570-13749-28	B6-3	71	66	67	65	78	97
570-13749-29	B7-1	80	79	82	81	89	96
570-13749-30	B7-3	79	77	75	77	84	102
570-13749-31	B8-1	57	57	59	57	62	75
570-13749-32	B8-3	65	72	67	70	75	80

Surrogate Summary

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13749-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL6	TPHd14
Lab Sample ID	Client Sample ID	(18-138)	(27-120)	(25-120)	(33-123)	(26-122)	(27-159)
570-13749-33	B9-3	93	81	77	60	72	95
570-13753-A-1-F MS	Matrix Spike	61	57	60	54	63	68
570-13753-A-1-G MSD	Matrix Spike Duplicate	73	65	68	65	75	81
LCS 570-35477/2-A	Lab Control Sample	95	91	94	93	93	99
LCS 570-35732/2-A	Lab Control Sample	87	82	94	80	93	95
LCSD 570-35477/3-A	Lab Control Sample Dup	87	83	86	85	83	94
LCSD 570-35732/3-A	Lab Control Sample Dup	84	75	83	79	88	89
MB 570-35477/1-A	Method Blank	80	85	89	83	85	98
MB 570-35732/1-A	Method Blank	88	84	83	72	83	97

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL6 = Phenol-d6 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)
		OTCSN1
Lab Sample ID	Client Sample ID	(61-145)
570-13749-1	B1-1	88
570-13749-1 MS	B1-1	92
570-13749-1 MSD	B1-1	91
570-13749-2	B1-5	97
570-13749-3	B1-10	91
570-13749-4	B1-15	96
570-13749-8	B2-1	99
570-13749-10	B2-5	90
570-13749-11	B2-10	87
570-13749-12	B2-15	98
570-13749-17	B3-5	87
570-13749-18	B3-10	97
570-13749-19	B3-15	96
570-13749-23	B4-1	95
570-13749-25	B5-1	94
570-13749-27	B6-1	95
570-13749-29	B7-1	94
570-13749-31	B8-1	94
570-13749-35	B10-6	94
570-13749-36	B10-15	91
570-13749-38	B11-6	96
570-13749-39	B11-15	87
570-13749-42	B12-5	95
570-13749-44	B12-15	90
570-13749-50	B13-5	95
570-13749-63	B21-1	92
570-13749-66	B22-5	98

Surrogate Summary

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13749-1

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)							
Lab Sample ID	**Client Sample ID**	**OTCSN1 (61-145)**							
570-13749-66 MS	B22-5	95							
570-13749-66 MSD	B22-5	100							
570-14299-A-5-A MS	Matrix Spike	90							
570-14299-A-5-B MSD	Matrix Spike Duplicate	91							
LCS 570-35908/2-A	Lab Control Sample	93							
LCS 570-36072/2-A	Lab Control Sample	94							
LCS 570-36217/2-A	Lab Control Sample	92							
LCSD 570-35908/3-A	Lab Control Sample Dup	92							
LCSD 570-36072/3-A	Lab Control Sample Dup	97							
LCSD 570-36217/3-A	Lab Control Sample Dup	94							
MB 570-35908/1-A	Method Blank	93							
MB 570-36072/1-A	Method Blank	100							
MB 570-36217/1-A	Method Blank	91							

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-35770/6
Matrix: Solid
Analysis Batch: 35770

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.99		ug/Kg			11/27/19 12:45	1
1,1,1-Trichloroethane	ND		0.99		ug/Kg			11/27/19 12:45	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg			11/27/19 12:45	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.9		ug/Kg			11/27/19 12:45	1
1,1,2-Trichloroethane	ND		0.99		ug/Kg			11/27/19 12:45	1
1,1-Dichloroethane	ND		0.99		ug/Kg			11/27/19 12:45	1
1,1-Dichloroethene	ND		0.99		ug/Kg			11/27/19 12:45	1
1,1-Dichloropropene	ND		2.0		ug/Kg			11/27/19 12:45	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg			11/27/19 12:45	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg			11/27/19 12:45	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg			11/27/19 12:45	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg			11/27/19 12:45	1
1,2-Dibromo-3-Chloropropane	ND		9.9		ug/Kg			11/27/19 12:45	1
1,2-Dibromoethane	ND		0.99		ug/Kg			11/27/19 12:45	1
1,2-Dichlorobenzene	ND		0.99		ug/Kg			11/27/19 12:45	1
1,2-Dichloroethane	ND		0.99		ug/Kg			11/27/19 12:45	1
1,2-Dichloropropane	ND		0.99		ug/Kg			11/27/19 12:45	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg			11/27/19 12:45	1
1,3-Dichlorobenzene	ND		0.99		ug/Kg			11/27/19 12:45	1
1,3-Dichloropropane	ND		0.99		ug/Kg			11/27/19 12:45	1
1,4-Dichlorobenzene	ND		0.99		ug/Kg			11/27/19 12:45	1
2,2-Dichloropropane	ND		5.0		ug/Kg			11/27/19 12:45	1
2-Butanone	ND		20		ug/Kg			11/27/19 12:45	1
2-Chlorotoluene	ND		0.99		ug/Kg			11/27/19 12:45	1
2-Hexanone	ND		20		ug/Kg			11/27/19 12:45	1
4-Chlorotoluene	ND		0.99		ug/Kg			11/27/19 12:45	1
4-Methyl-2-pentanone	ND		20		ug/Kg			11/27/19 12:45	1
Acetone	ND		50		ug/Kg			11/27/19 12:45	1
Benzene	ND		0.99		ug/Kg			11/27/19 12:45	1
Bromobenzene	ND		0.99		ug/Kg			11/27/19 12:45	1
Bromochloromethane	ND		2.0		ug/Kg			11/27/19 12:45	1
Bromodichloromethane	ND		0.99		ug/Kg			11/27/19 12:45	1
Bromoform	ND		5.0		ug/Kg			11/27/19 12:45	1
Bromomethane	ND		20		ug/Kg			11/27/19 12:45	1
cis-1,2-Dichloroethene	ND		0.99		ug/Kg			11/27/19 12:45	1
cis-1,3-Dichloropropene	ND		0.99		ug/Kg			11/27/19 12:45	1
Carbon disulfide	ND		9.9		ug/Kg			11/27/19 12:45	1
Carbon tetrachloride	ND		0.99		ug/Kg			11/27/19 12:45	1
Chlorobenzene	ND		0.99		ug/Kg			11/27/19 12:45	1
Chloroethane	ND		2.0		ug/Kg			11/27/19 12:45	1
Chloroform	ND		0.99		ug/Kg			11/27/19 12:45	1
Chloromethane	ND		20		ug/Kg			11/27/19 12:45	1
Dibromochloromethane	ND		2.0		ug/Kg			11/27/19 12:45	1
Dibromomethane	ND		0.99		ug/Kg			11/27/19 12:45	1
Dichlorodifluoromethane	ND		2.0		ug/Kg			11/27/19 12:45	1
Di-isopropyl ether (DIPE)	ND		0.99		ug/Kg			11/27/19 12:45	1
Ethanol	ND		500		ug/Kg			11/27/19 12:45	1
Ethylbenzene	ND		0.99		ug/Kg			11/27/19 12:45	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-35770/6
Matrix: Solid
Analysis Batch: 35770

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl-t-butyl ether (ETBE)	ND		0.99	ug/Kg			11/27/19 12:45	1
Isopropylbenzene	ND		0.99	ug/Kg			11/27/19 12:45	1
Methylene Chloride	ND		9.9	ug/Kg			11/27/19 12:45	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0	ug/Kg			11/27/19 12:45	1
Naphthalene	ND		9.9	ug/Kg			11/27/19 12:45	1
n-Butylbenzene	ND		0.99	ug/Kg			11/27/19 12:45	1
N-Propylbenzene	ND		2.0	ug/Kg			11/27/19 12:45	1
o-Xylene	ND		0.99	ug/Kg			11/27/19 12:45	1
m,p-Xylene	ND		2.0	ug/Kg			11/27/19 12:45	1
p-Isopropyltoluene	ND		0.99	ug/Kg			11/27/19 12:45	1
sec-Butylbenzene	ND		0.99	ug/Kg			11/27/19 12:45	1
Styrene	ND		0.99	ug/Kg			11/27/19 12:45	1
trans-1,2-Dichloroethene	ND		0.99	ug/Kg			11/27/19 12:45	1
trans-1,3-Dichloropropene	ND		2.0	ug/Kg			11/27/19 12:45	1
Tert-amyl-methyl ether (TAME)	ND		0.99	ug/Kg			11/27/19 12:45	1
tert-Butyl alcohol (TBA)	ND		20	ug/Kg			11/27/19 12:45	1
tert-Butylbenzene	ND		0.99	ug/Kg			11/27/19 12:45	1
Tetrachloroethene	ND		0.99	ug/Kg			11/27/19 12:45	1
Toluene	ND		0.99	ug/Kg			11/27/19 12:45	1
Trichloroethene	ND		2.0	ug/Kg			11/27/19 12:45	1
Trichlorofluoromethane	ND		9.9	ug/Kg			11/27/19 12:45	1
Vinyl acetate	ND		9.9	ug/Kg			11/27/19 12:45	1
Vinyl chloride	ND		0.99	ug/Kg			11/27/19 12:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*71 - 155*		*11/27/19 12:45*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*11/27/19 12:45*	*1*
Dibromofluoromethane (Surr)	*105*		*79 - 133*		*11/27/19 12:45*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*11/27/19 12:45*	*1*

Lab Sample ID: LCS 570-35770/3
Matrix: Solid
Analysis Batch: 35770

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	50.0	50.50		ug/Kg		101	71 - 125
1,2-Dibromoethane	50.0	52.22		ug/Kg		104	80 - 120
1,2-Dichlorobenzene	50.0	50.83		ug/Kg		102	80 - 120
1,2-Dichloroethane	50.0	48.96		ug/Kg		98	79 - 121
Benzene	50.0	48.60		ug/Kg		97	79 - 120
Carbon tetrachloride	50.0	57.93		ug/Kg		116	58 - 142
Chlorobenzene	50.0	49.83		ug/Kg		100	80 - 120
Di-isopropyl ether (DIPE)	50.0	50.95		ug/Kg		102	65 - 131
Ethanol	500	484.5	J	ug/Kg		97	32 - 158
Ethylbenzene	50.0	51.14		ug/Kg		102	57 - 153
Ethyl-t-butyl ether (ETBE)	50.0	47.34		ug/Kg		95	58 - 136
Methyl-t-Butyl Ether (MTBE)	50.0	43.33		ug/Kg		87	64 - 124
o-Xylene	50.0	51.78		ug/Kg		104	79 - 127

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-35770/3
Matrix: Solid
Analysis Batch: 35770

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
m,p-Xylene			100	102.1		ug/Kg		102	80 - 122		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*71 - 155*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*
Dibromofluoromethane (Surr)	*105*		*79 - 133*
Toluene-d8 (Surr)	*100*		*80 - 120*

Lab Sample ID: LCSD 570-35770/4
Matrix: Solid
Analysis Batch: 35770

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene			50.0	47.16		ug/Kg		94	71 - 125	7	20
1,2-Dibromoethane			50.0	47.99		ug/Kg		96	80 - 120	8	20
1,2-Dichlorobenzene			50.0	47.08		ug/Kg		94	80 - 120	8	20
1,2-Dichloroethane			50.0	46.19		ug/Kg		92	79 - 121	6	20
Benzene			50.0	46.56		ug/Kg		93	79 - 120	4	20
Carbon tetrachloride			50.0	56.09		ug/Kg		112	58 - 142	3	20
Chlorobenzene			50.0	47.38		ug/Kg		95	80 - 120	5	20
Di-isopropyl ether (DIPE)			50.0	48.17		ug/Kg		96	65 - 131	6	20
Ethanol			500	381.9	J	ug/Kg		76	32 - 158	24	27
Ethylbenzene			50.0	49.37		ug/Kg		99	57 - 153	4	20
Ethyl-t-butyl ether (ETBE)			50.0	44.41		ug/Kg		89	58 - 136	6	20
Methyl-t-Butyl Ether (MTBE)			50.0	40.77		ug/Kg		82	64 - 124	6	20
o-Xylene			50.0	49.44		ug/Kg		99	79 - 127	5	20
m,p-Xylene			100	97.73		ug/Kg		98	80 - 122	4	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*103*		*71 - 155*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*
Dibromofluoromethane (Surr)	*104*		*79 - 133*
Toluene-d8 (Surr)	*101*		*80 - 120*

Lab Sample ID: MB 570-35785/8
Matrix: Solid
Analysis Batch: 35785

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/Kg			11/27/19 12:16	1
1,1,1-Trichloroethane	ND		1.0		ug/Kg			11/27/19 12:16	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg			11/27/19 12:16	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/Kg			11/27/19 12:16	1
1,1,2-Trichloroethane	ND		1.0		ug/Kg			11/27/19 12:16	1
1,1-Dichloroethane	ND		1.0		ug/Kg			11/27/19 12:16	1
1,1-Dichloroethene	ND		1.0		ug/Kg			11/27/19 12:16	1
1,1-Dichloropropene	ND		2.0		ug/Kg			11/27/19 12:16	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg			11/27/19 12:16	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-35785/8
Matrix: Solid
Analysis Batch: 35785

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		2.0		ug/Kg			11/27/19 12:16	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg			11/27/19 12:16	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg			11/27/19 12:16	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg			11/27/19 12:16	1
1,2-Dibromoethane	ND		1.0		ug/Kg			11/27/19 12:16	1
1,2-Dichlorobenzene	ND		1.0		ug/Kg			11/27/19 12:16	1
1,2-Dichloroethane	ND		1.0		ug/Kg			11/27/19 12:16	1
1,2-Dichloropropane	ND		1.0		ug/Kg			11/27/19 12:16	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg			11/27/19 12:16	1
1,3-Dichlorobenzene	ND		1.0		ug/Kg			11/27/19 12:16	1
1,3-Dichloropropane	ND		1.0		ug/Kg			11/27/19 12:16	1
1,4-Dichlorobenzene	ND		1.0		ug/Kg			11/27/19 12:16	1
2,2-Dichloropropane	ND		5.0		ug/Kg			11/27/19 12:16	1
2-Butanone	ND		20		ug/Kg			11/27/19 12:16	1
2-Chlorotoluene	ND		1.0		ug/Kg			11/27/19 12:16	1
2-Hexanone	ND		20		ug/Kg			11/27/19 12:16	1
4-Chlorotoluene	ND		1.0		ug/Kg			11/27/19 12:16	1
4-Methyl-2-pentanone	ND		20		ug/Kg			11/27/19 12:16	1
Acetone	ND		50		ug/Kg			11/27/19 12:16	1
Benzene	ND		1.0		ug/Kg			11/27/19 12:16	1
Bromobenzene	ND		1.0		ug/Kg			11/27/19 12:16	1
Bromochloromethane	ND		2.0		ug/Kg			11/27/19 12:16	1
Bromodichloromethane	ND		1.0		ug/Kg			11/27/19 12:16	1
Bromoform	ND		5.0		ug/Kg			11/27/19 12:16	1
Bromomethane	ND		20		ug/Kg			11/27/19 12:16	1
cis-1,2-Dichloroethene	ND		1.0		ug/Kg			11/27/19 12:16	1
cis-1,3-Dichloropropene	ND		1.0		ug/Kg			11/27/19 12:16	1
Carbon disulfide	ND		10		ug/Kg			11/27/19 12:16	1
Carbon tetrachloride	ND		1.0		ug/Kg			11/27/19 12:16	1
Chlorobenzene	ND		1.0		ug/Kg			11/27/19 12:16	1
Chloroethane	ND		2.0		ug/Kg			11/27/19 12:16	1
Chloroform	ND		1.0		ug/Kg			11/27/19 12:16	1
Chloromethane	ND		20		ug/Kg			11/27/19 12:16	1
Dibromochloromethane	ND		2.0		ug/Kg			11/27/19 12:16	1
Dibromomethane	ND		1.0		ug/Kg			11/27/19 12:16	1
Dichlorodifluoromethane	ND		2.0		ug/Kg			11/27/19 12:16	1
Di-isopropyl ether (DIPE)	ND		1.0		ug/Kg			11/27/19 12:16	1
Ethanol	ND		500		ug/Kg			11/27/19 12:16	1
Ethylbenzene	ND		1.0		ug/Kg			11/27/19 12:16	1
Ethyl-t-butyl ether (ETBE)	ND		1.0		ug/Kg			11/27/19 12:16	1
Isopropylbenzene	ND		1.0		ug/Kg			11/27/19 12:16	1
Methylene Chloride	ND		10		ug/Kg			11/27/19 12:16	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg			11/27/19 12:16	1
Naphthalene	ND		10		ug/Kg			11/27/19 12:16	1
n-Butylbenzene	ND		1.0		ug/Kg			11/27/19 12:16	1
N-Propylbenzene	ND		2.0		ug/Kg			11/27/19 12:16	1
o-Xylene	ND		1.0		ug/Kg			11/27/19 12:16	1
m,p-Xylene	ND		2.0		ug/Kg			11/27/19 12:16	1
p-Isopropyltoluene	ND		1.0		ug/Kg			11/27/19 12:16	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-35785/8
Matrix: Solid
Analysis Batch: 35785

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		1.0		ug/Kg			11/27/19 12:16	1
Styrene	ND		1.0		ug/Kg			11/27/19 12:16	1
trans-1,2-Dichloroethene	ND		1.0		ug/Kg			11/27/19 12:16	1
trans-1,3-Dichloropropene	ND		2.0		ug/Kg			11/27/19 12:16	1
Tert-amyl-methyl ether (TAME)	ND		1.0		ug/Kg			11/27/19 12:16	1
tert-Butyl alcohol (TBA)	ND		20		ug/Kg			11/27/19 12:16	1
tert-Butylbenzene	ND		1.0		ug/Kg			11/27/19 12:16	1
Tetrachloroethene	ND		1.0		ug/Kg			11/27/19 12:16	1
Toluene	ND		1.0		ug/Kg			11/27/19 12:16	1
Trichloroethene	ND		2.0		ug/Kg			11/27/19 12:16	1
Trichlorofluoromethane	ND		10		ug/Kg			11/27/19 12:16	1
Vinyl acetate	ND		10		ug/Kg			11/27/19 12:16	1
Vinyl chloride	ND		1.0		ug/Kg			11/27/19 12:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*71 - 155*		*11/27/19 12:16*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*11/27/19 12:16*	*1*
Dibromofluoromethane (Surr)	*97*		*79 - 133*		*11/27/19 12:16*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*11/27/19 12:16*	*1*

Lab Sample ID: LCS 570-35785/5
Matrix: Solid
Analysis Batch: 35785

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	50.0	38.61		ug/Kg		77	71 - 125
1,2-Dibromoethane	50.0	48.79		ug/Kg		98	80 - 120
1,2-Dichlorobenzene	50.0	41.66		ug/Kg		83	80 - 120
1,2-Dichloroethane	50.0	44.30		ug/Kg		89	79 - 121
Benzene	50.0	42.68		ug/Kg		85	79 - 120
Carbon tetrachloride	50.0	49.16		ug/Kg		98	58 - 142
Chlorobenzene	50.0	44.44		ug/Kg		89	80 - 120
Di-isopropyl ether (DIPE)	50.0	39.54		ug/Kg		79	65 - 131
Ethanol	500	365.2	J	ug/Kg		73	32 - 158
Ethylbenzene	50.0	44.12		ug/Kg		88	57 - 153
Ethyl-t-butyl ether (ETBE)	50.0	39.91		ug/Kg		80	58 - 136
Methyl-t-Butyl Ether (MTBE)	50.0	37.67		ug/Kg		75	64 - 124
o-Xylene	50.0	45.09		ug/Kg		90	79 - 127
m,p-Xylene	100	89.05		ug/Kg		89	80 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*71 - 155*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*
Dibromofluoromethane (Surr)	*94*		*79 - 133*
Toluene-d8 (Surr)	*100*		*80 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-35785/6
Matrix: Solid
Analysis Batch: 35785

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene			50.0	40.71		ug/Kg		81	71 - 125	5	20
1,2-Dibromoethane			50.0	51.49		ug/Kg		103	80 - 120	5	20
1,2-Dichlorobenzene			50.0	43.15		ug/Kg		86	80 - 120	4	20
1,2-Dichloroethane			50.0	47.93		ug/Kg		96	79 - 121	8	20
Benzene			50.0	45.96		ug/Kg		92	79 - 120	7	20
Carbon tetrachloride			50.0	51.10		ug/Kg		102	58 - 142	4	20
Chlorobenzene			50.0	46.87		ug/Kg		94	80 - 120	5	20
Di-isopropyl ether (DIPE)			50.0	41.71		ug/Kg		83	65 - 131	5	20
Ethanol			500	393.6	J	ug/Kg		79	32 - 158	7	27
Ethylbenzene			50.0	47.17		ug/Kg		94	57 - 153	7	20
Ethyl-t-butyl ether (ETBE)			50.0	41.87		ug/Kg		84	58 - 136	5	20
Methyl-t-Butyl Ether (MTBE)			50.0	38.23		ug/Kg		76	64 - 124	1	20
o-Xylene			50.0	47.59		ug/Kg		95	79 - 127	5	20
m,p-Xylene			100	93.68		ug/Kg		94	80 - 122	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*91*		*71 - 155*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*
Dibromofluoromethane (Surr)	*93*		*79 - 133*
Toluene-d8 (Surr)	*101*		*80 - 120*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-35477/1-A
Matrix: Solid
Analysis Batch: 35783

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 35477

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50		mg/Kg		11/26/19 10:25	11/27/19 13:56	1
2-Methylnaphthalene	ND		0.50		mg/Kg		11/26/19 10:25	11/27/19 13:56	1
Acenaphthene	ND		0.50		mg/Kg		11/26/19 10:25	11/27/19 13:56	1
Acenaphthylene	ND		0.50		mg/Kg		11/26/19 10:25	11/27/19 13:56	1
Anthracene	ND		0.50		mg/Kg		11/26/19 10:25	11/27/19 13:56	1
Benzo[a]anthracene	ND		0.50		mg/Kg		11/26/19 10:25	11/27/19 13:56	1
Benzo[a]pyrene	ND		0.50		mg/Kg		11/26/19 10:25	11/27/19 13:56	1
Benzo[b]fluoranthene	ND		0.50		mg/Kg		11/26/19 10:25	11/27/19 13:56	1
Benzo[g,h,i]perylene	ND		0.50		mg/Kg		11/26/19 10:25	11/27/19 13:56	1
Benzo[k]fluoranthene	ND		0.50		mg/Kg		11/26/19 10:25	11/27/19 13:56	1
Chrysene	ND		0.50		mg/Kg		11/26/19 10:25	11/27/19 13:56	1
Dibenz(a,h)anthracene	ND		0.50		mg/Kg		11/26/19 10:25	11/27/19 13:56	1
Fluoranthene	ND		0.50		mg/Kg		11/26/19 10:25	11/27/19 13:56	1
Fluorene	ND		0.50		mg/Kg		11/26/19 10:25	11/27/19 13:56	1
Indeno[1,2,3-cd]pyrene	ND		0.50		mg/Kg		11/26/19 10:25	11/27/19 13:56	1
Naphthalene	ND		0.50		mg/Kg		11/26/19 10:25	11/27/19 13:56	1
Phenanthrene	ND		0.50		mg/Kg		11/26/19 10:25	11/27/19 13:56	1
Pyrene	ND		0.50		mg/Kg		11/26/19 10:25	11/27/19 13:56	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-35477/1-A
Matrix: Solid
Analysis Batch: 35783

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 35477

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	80		18 - 138	11/26/19 10:25	11/27/19 13:56	1
2-Fluorobiphenyl (Surr)	85		27 - 120	11/26/19 10:25	11/27/19 13:56	1
2-Fluorophenol (Surr)	89		25 - 120	11/26/19 10:25	11/27/19 13:56	1
Nitrobenzene-d5 (Surr)	83		33 - 123	11/26/19 10:25	11/27/19 13:56	1
Phenol-d6 (Surr)	85		26 - 122	11/26/19 10:25	11/27/19 13:56	1
p-Terphenyl-d14 (Surr)	98		27 - 159	11/26/19 10:25	11/27/19 13:56	1

Lab Sample ID: LCS 570-35477/2-A
Matrix: Solid
Analysis Batch: 35783

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 35477

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	10.0	8.474		mg/Kg		85	51 - 123
Acenaphthylene	10.0	10.21		mg/Kg		102	52 - 120
Fluorene	10.0	8.781		mg/Kg		88	54 - 126
Naphthalene	10.0	9.148		mg/Kg		91	32 - 146
Pyrene	10.0	8.655		mg/Kg		87	47 - 143

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	95		18 - 138
2-Fluorobiphenyl (Surr)	91		27 - 120
2-Fluorophenol (Surr)	94		25 - 120
Nitrobenzene-d5 (Surr)	93		33 - 123
Phenol-d6 (Surr)	93		26 - 122
p-Terphenyl-d14 (Surr)	99		27 - 159

Lab Sample ID: LCSD 570-35477/3-A
Matrix: Solid
Analysis Batch: 35783

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 35477

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	10.0	7.995		mg/Kg		80	51 - 123	6	26
Acenaphthylene	10.0	9.468		mg/Kg		95	52 - 120	8	28
Fluorene	10.0	8.417		mg/Kg		84	54 - 126	4	27
Naphthalene	10.0	8.467		mg/Kg		85	32 - 146	8	20
Pyrene	10.0	8.398		mg/Kg		84	47 - 143	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4,6-Tribromophenol (Surr)	87		18 - 138
2-Fluorobiphenyl (Surr)	83		27 - 120
2-Fluorophenol (Surr)	86		25 - 120
Nitrobenzene-d5 (Surr)	85		33 - 123
Phenol-d6 (Surr)	83		26 - 122
p-Terphenyl-d14 (Surr)	94		27 - 159

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-13749-8 MS
Matrix: Solid
Analysis Batch: 35783

Client Sample ID: B2-1
Prep Type: Total/NA
Prep Batch: 35477

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	ND		9.96	7.192		mg/Kg		72	34 - 148
Acenaphthylene	ND		9.96	8.657		mg/Kg		87	53 - 120
Fluorene	ND		9.96	7.671		mg/Kg		77	12 - 186
Naphthalene	ND		9.96	7.677		mg/Kg		77	20 - 140
Pyrene	ND		9.96	8.270		mg/Kg		83	31 - 169

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*78*		*18 - 138*
2-Fluorobiphenyl (Surr)	*74*		*27 - 120*
2-Fluorophenol (Surr)	*79*		*25 - 120*
Nitrobenzene-d5 (Surr)	*75*		*33 - 123*
Phenol-d6 (Surr)	*80*		*26 - 122*
p-Terphenyl-d14 (Surr)	*93*		*27 - 159*

Lab Sample ID: 570-13749-8 MSD
Matrix: Solid
Analysis Batch: 35783

Client Sample ID: B2-1
Prep Type: Total/NA
Prep Batch: 35477

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	ND		10.0	6.497		mg/Kg		65	34 - 148	10	20
Acenaphthylene	ND		10.0	7.956		mg/Kg		79	53 - 120	8	20
Fluorene	ND		10.0	7.320		mg/Kg		73	12 - 186	5	20
Naphthalene	ND		10.0	7.045		mg/Kg		70	20 - 140	9	20
Pyrene	ND		10.0	7.976		mg/Kg		80	31 - 169	4	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*75*		*18 - 138*
2-Fluorobiphenyl (Surr)	*68*		*27 - 120*
2-Fluorophenol (Surr)	*71*		*25 - 120*
Nitrobenzene-d5 (Surr)	*70*		*33 - 123*
Phenol-d6 (Surr)	*69*		*26 - 122*
p-Terphenyl-d14 (Surr)	*87*		*27 - 159*

Lab Sample ID: MB 570-35732/1-A
Matrix: Solid
Analysis Batch: 36186

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 35732

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/27/19 08:44	12/02/19 14:30	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/27/19 08:44	12/02/19 14:30	1
Acenaphthene	ND		0.50	mg/Kg		11/27/19 08:44	12/02/19 14:30	1
Acenaphthylene	ND		0.50	mg/Kg		11/27/19 08:44	12/02/19 14:30	1
Anthracene	ND		0.50	mg/Kg		11/27/19 08:44	12/02/19 14:30	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/27/19 08:44	12/02/19 14:30	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/27/19 08:44	12/02/19 14:30	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/27/19 08:44	12/02/19 14:30	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/27/19 08:44	12/02/19 14:30	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/27/19 08:44	12/02/19 14:30	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-35732/1-A
Matrix: Solid
Analysis Batch: 36186

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 35732

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		0.50	mg/Kg		11/27/19 08:44	12/02/19 14:30	1
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/27/19 08:44	12/02/19 14:30	1
Fluoranthene	ND		0.50	mg/Kg		11/27/19 08:44	12/02/19 14:30	1
Fluorene	ND		0.50	mg/Kg		11/27/19 08:44	12/02/19 14:30	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/27/19 08:44	12/02/19 14:30	1
Naphthalene	ND		0.50	mg/Kg		11/27/19 08:44	12/02/19 14:30	1
Phenanthrene	ND		0.50	mg/Kg		11/27/19 08:44	12/02/19 14:30	1
Pyrene	ND		0.50	mg/Kg		11/27/19 08:44	12/02/19 14:30	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*88*		*18 - 138*	*11/27/19 08:44*	*12/02/19 14:30*	*1*
2-Fluorobiphenyl (Surr)	*84*		*27 - 120*	*11/27/19 08:44*	*12/02/19 14:30*	*1*
2-Fluorophenol (Surr)	*83*		*25 - 120*	*11/27/19 08:44*	*12/02/19 14:30*	*1*
Nitrobenzene-d5 (Surr)	*72*		*33 - 123*	*11/27/19 08:44*	*12/02/19 14:30*	*1*
Phenol-d6 (Surr)	*83*		*26 - 122*	*11/27/19 08:44*	*12/02/19 14:30*	*1*
p-Terphenyl-d14 (Surr)	*97*		*27 - 159*	*11/27/19 08:44*	*12/02/19 14:30*	*1*

Lab Sample ID: LCS 570-35732/2-A
Matrix: Solid
Analysis Batch: 36416

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 35732

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	5.00	4.207		mg/Kg		84	51 - 123
Acenaphthylene	5.00	4.508		mg/Kg		90	52 - 120
Fluorene	5.00	4.501		mg/Kg		90	54 - 126
Naphthalene	5.00	4.211		mg/Kg		84	32 - 146
Pyrene	5.00	4.470		mg/Kg		89	47 - 143

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*87*		*18 - 138*
2-Fluorobiphenyl (Surr)	*82*		*27 - 120*
2-Fluorophenol (Surr)	*94*		*25 - 120*
Nitrobenzene-d5 (Surr)	*80*		*33 - 123*
Phenol-d6 (Surr)	*93*		*26 - 122*
p-Terphenyl-d14 (Surr)	*95*		*27 - 159*

Lab Sample ID: LCSD 570-35732/3-A
Matrix: Solid
Analysis Batch: 36416

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 35732

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	5.00	3.911		mg/Kg		78	51 - 123	7	26
Acenaphthylene	5.00	4.170		mg/Kg		83	52 - 120	8	28
Fluorene	5.00	4.189		mg/Kg		84	54 - 126	7	27
Naphthalene	5.00	4.019		mg/Kg		80	32 - 146	5	20
Pyrene	5.00	4.419		mg/Kg		88	47 - 143	1	20

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-35732/3-A
Matrix: Solid
Analysis Batch: 36416

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 35732

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4,6-Tribromophenol (Surr)	84		18 - 138
2-Fluorobiphenyl (Surr)	75		27 - 120
2-Fluorophenol (Surr)	83		25 - 120
Nitrobenzene-d5 (Surr)	79		33 - 123
Phenol-d6 (Surr)	88		26 - 122
p-Terphenyl-d14 (Surr)	89		27 - 159

Lab Sample ID: 570-13753-A-1-F MS
Matrix: Solid
Analysis Batch: 36416

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 35732

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	ND		5.02	3.797		mg/Kg		76	34 - 148
Acenaphthylene	ND		5.02	4.166		mg/Kg		83	53 - 120
Fluorene	ND		5.02	4.086		mg/Kg		81	12 - 186
Naphthalene	ND		5.02	3.670		mg/Kg		73	20 - 140
Pyrene	ND		5.02	4.515		mg/Kg		90	31 - 169

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	61		18 - 138
2-Fluorobiphenyl (Surr)	57		27 - 120
2-Fluorophenol (Surr)	60		25 - 120
Nitrobenzene-d5 (Surr)	54		33 - 123
Phenol-d6 (Surr)	63		26 - 122
p-Terphenyl-d14 (Surr)	68		27 - 159

Lab Sample ID: 570-13753-A-1-G MSD
Matrix: Solid
Analysis Batch: 36416

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 35732

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	ND		4.97	3.618		mg/Kg		73	34 - 148	5	20
Acenaphthylene	ND		4.97	3.964		mg/Kg		80	53 - 120	5	20
Fluorene	ND		4.97	3.982		mg/Kg		80	12 - 186	3	20
Naphthalene	ND		4.97	3.530		mg/Kg		71	20 - 140	4	20
Pyrene	ND		4.97	4.404		mg/Kg		89	31 - 169	2	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2,4,6-Tribromophenol (Surr)	73		18 - 138
2-Fluorobiphenyl (Surr)	65		27 - 120
2-Fluorophenol (Surr)	68		25 - 120
Nitrobenzene-d5 (Surr)	65		33 - 123
Phenol-d6 (Surr)	75		26 - 122
p-Terphenyl-d14 (Surr)	81		27 - 159

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 570-35908/1-A
Matrix: Solid
Analysis Batch: 36084

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 35908

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9		mg/Kg		11/27/19 18:14	11/30/19 17:46	1
C7 as C7	ND		4.9		mg/Kg		11/27/19 18:14	11/30/19 17:46	1
C8 as C8	ND		4.9		mg/Kg		11/27/19 18:14	11/30/19 17:46	1
C9-C10	ND		4.9		mg/Kg		11/27/19 18:14	11/30/19 17:46	1
C11-C12	ND		4.9		mg/Kg		11/27/19 18:14	11/30/19 17:46	1
C13-C14	ND		4.9		mg/Kg		11/27/19 18:14	11/30/19 17:46	1
C15-C16	ND		4.9		mg/Kg		11/27/19 18:14	11/30/19 17:46	1
C17-C18	ND		4.9		mg/Kg		11/27/19 18:14	11/30/19 17:46	1
C19-C20	ND		4.9		mg/Kg		11/27/19 18:14	11/30/19 17:46	1
C21-C22	ND		4.9		mg/Kg		11/27/19 18:14	11/30/19 17:46	1
C23-C24	ND		4.9		mg/Kg		11/27/19 18:14	11/30/19 17:46	1
C25-C28	ND		4.9		mg/Kg		11/27/19 18:14	11/30/19 17:46	1
C29-C32	ND		4.9		mg/Kg		11/27/19 18:14	11/30/19 17:46	1
C33-C36	ND		4.9		mg/Kg		11/27/19 18:14	11/30/19 17:46	1
C37-C40	ND		4.9		mg/Kg		11/27/19 18:14	11/30/19 17:46	1
C41-C44	ND		4.9		mg/Kg		11/27/19 18:14	11/30/19 17:46	1
C6-C44	ND		4.9		mg/Kg		11/27/19 18:14	11/30/19 17:46	1
Diesel Range Organics [C10-C28]	ND		4.9		mg/Kg		11/27/19 18:14	11/30/19 17:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*93*		*61 - 145*	*11/27/19 18:14*	*11/30/19 17:46*	*1*

Lab Sample ID: LCS 570-35908/2-A
Matrix: Solid
Analysis Batch: 36084

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 35908

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics [C10-C28]			400	400.6		mg/Kg		100	67 - 121		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*93*		*61 - 145*

Lab Sample ID: LCSD 570-35908/3-A
Matrix: Solid
Analysis Batch: 36084

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 35908

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			396	402.2		mg/Kg		102	67 - 121	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*92*		*61 - 145*

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 570-13749-1 MS
Matrix: Solid
Analysis Batch: 36084

Client Sample ID: B1-1
Prep Type: Total/NA
Prep Batch: 35908

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics [C10-C28]	ND		396	402.0		mg/Kg		101	33 - 153		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
n-Octacosane (Surr)	*92*		*61 - 145*

Lab Sample ID: 570-13749-1 MSD
Matrix: Solid
Analysis Batch: 36084

Client Sample ID: B1-1
Prep Type: Total/NA
Prep Batch: 35908

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		395	405.3		mg/Kg		103	33 - 153	1	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
n-Octacosane (Surr)	*91*		*61 - 145*

Lab Sample ID: MB 570-36072/1-A
Matrix: Solid
Analysis Batch: 36139

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 36072

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0		mg/Kg		11/30/19 13:49	12/02/19 16:17	1
C7 as C7	ND		5.0		mg/Kg		11/30/19 13:49	12/02/19 16:17	1
C8 as C8	ND		5.0		mg/Kg		11/30/19 13:49	12/02/19 16:17	1
C9-C10	ND		5.0		mg/Kg		11/30/19 13:49	12/02/19 16:17	1
C11-C12	ND		5.0		mg/Kg		11/30/19 13:49	12/02/19 16:17	1
C13-C14	ND		5.0		mg/Kg		11/30/19 13:49	12/02/19 16:17	1
C15-C16	ND		5.0		mg/Kg		11/30/19 13:49	12/02/19 16:17	1
C17-C18	ND		5.0		mg/Kg		11/30/19 13:49	12/02/19 16:17	1
C19-C20	ND		5.0		mg/Kg		11/30/19 13:49	12/02/19 16:17	1
C21-C22	ND		5.0		mg/Kg		11/30/19 13:49	12/02/19 16:17	1
C23-C24	ND		5.0		mg/Kg		11/30/19 13:49	12/02/19 16:17	1
C25-C28	ND		5.0		mg/Kg		11/30/19 13:49	12/02/19 16:17	1
C29-C32	ND		5.0		mg/Kg		11/30/19 13:49	12/02/19 16:17	1
C33-C36	ND		5.0		mg/Kg		11/30/19 13:49	12/02/19 16:17	1
C37-C40	ND		5.0		mg/Kg		11/30/19 13:49	12/02/19 16:17	1
C41-C44	ND		5.0		mg/Kg		11/30/19 13:49	12/02/19 16:17	1
C6-C44	ND		5.0		mg/Kg		11/30/19 13:49	12/02/19 16:17	1
Diesel Range Organics [C10-C28]	ND		5.0		mg/Kg		11/30/19 13:49	12/02/19 16:17	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*100*		*61 - 145*	*11/30/19 13:49*	*12/02/19 16:17*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 570-36072/2-A
Matrix: Solid
Analysis Batch: 36139

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 36072

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics [C10-C28]			398	431.1		mg/Kg		108	67 - 121		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*94*		*61 - 145*

Lab Sample ID: LCSD 570-36072/3-A
Matrix: Solid
Analysis Batch: 36139

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 36072

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			398	440.9		mg/Kg		111	67 - 121	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*97*		*61 - 145*

Lab Sample ID: 570-13749-66 MS
Matrix: Solid
Analysis Batch: 36139

Client Sample ID: B22-5
Prep Type: Total/NA
Prep Batch: 36072

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics [C10-C28]	ND		396	435.9		mg/Kg		110	33 - 153		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
n-Octacosane (Surr)	*95*		*61 - 145*

Lab Sample ID: 570-13749-66 MSD
Matrix: Solid
Analysis Batch: 36139

Client Sample ID: B22-5
Prep Type: Total/NA
Prep Batch: 36072

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		398	454.6		mg/Kg		114	33 - 153	4	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
n-Octacosane (Surr)	*100*		*61 - 145*

Lab Sample ID: MB 570-36217/1-A
Matrix: Solid
Analysis Batch: 36106

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 36217

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0		mg/Kg		12/02/19 12:38	12/02/19 13:29	1
C7 as C7	ND		5.0		mg/Kg		12/02/19 12:38	12/02/19 13:29	1
C8 as C8	ND		5.0		mg/Kg		12/02/19 12:38	12/02/19 13:29	1
C9-C10	ND		5.0		mg/Kg		12/02/19 12:38	12/02/19 13:29	1

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 570-36217/1-A
Matrix: Solid
Analysis Batch: 36106

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 36217

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C11-C12	ND		5.0		mg/Kg		12/02/19 12:38	12/02/19 13:29	1
C13-C14	ND		5.0		mg/Kg		12/02/19 12:38	12/02/19 13:29	1
C15-C16	ND		5.0		mg/Kg		12/02/19 12:38	12/02/19 13:29	1
C17-C18	ND		5.0		mg/Kg		12/02/19 12:38	12/02/19 13:29	1
C19-C20	ND		5.0		mg/Kg		12/02/19 12:38	12/02/19 13:29	1
C21-C22	ND		5.0		mg/Kg		12/02/19 12:38	12/02/19 13:29	1
C23-C24	ND		5.0		mg/Kg		12/02/19 12:38	12/02/19 13:29	1
C25-C28	ND		5.0		mg/Kg		12/02/19 12:38	12/02/19 13:29	1
C29-C32	ND		5.0		mg/Kg		12/02/19 12:38	12/02/19 13:29	1
C33-C36	ND		5.0		mg/Kg		12/02/19 12:38	12/02/19 13:29	1
C37-C40	ND		5.0		mg/Kg		12/02/19 12:38	12/02/19 13:29	1
C41-C44	ND		5.0		mg/Kg		12/02/19 12:38	12/02/19 13:29	1
C6-C44	ND		5.0		mg/Kg		12/02/19 12:38	12/02/19 13:29	1
Diesel Range Organics [C10-C28]	ND		5.0		mg/Kg		12/02/19 12:38	12/02/19 13:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*91*		*61 - 145*	*12/02/19 12:38*	*12/02/19 13:29*	*1*

Lab Sample ID: LCS 570-36217/2-A
Matrix: Solid
Analysis Batch: 36106

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 36217

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics [C10-C28]			400	439.7		mg/Kg		110	67 - 121		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*92*		*61 - 145*

Lab Sample ID: LCSD 570-36217/3-A
Matrix: Solid
Analysis Batch: 36106

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 36217

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]			400	419.3		mg/Kg		105	67 - 121	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*94*		*61 - 145*

Lab Sample ID: 570-14299-A-5-A MS
Matrix: Solid
Analysis Batch: 36106

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 36217

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics [C10-C28]	ND		401	414.5		mg/Kg		103	33 - 153		

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 570-14299-A-5-A MS
Matrix: Solid
Analysis Batch: 36106

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 36217

Surrogate	MS %Recovery	MS Qualifier	Limits
n-Octacosane (Surr)	90		61 - 145

Lab Sample ID: 570-14299-A-5-B MSD
Matrix: Solid
Analysis Batch: 36106

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 36217

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		401	400.2		mg/Kg		100	33 - 153	4	32

Surrogate	MSD %Recovery	MSD Qualifier	Limits
n-Octacosane (Surr)	91		61 - 145

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-35373/1-A
Matrix: Solid
Analysis Batch: 36237

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 35373

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.244		mg/Kg		11/26/19 13:30	11/30/19 19:50	1
Arsenic	ND		0.732		mg/Kg		11/26/19 13:30	11/30/19 19:50	1
Barium	ND		0.488		mg/Kg		11/26/19 13:30	11/30/19 19:50	1
Beryllium	ND		0.244		mg/Kg		11/26/19 13:30	11/30/19 19:50	1
Cadmium	ND		0.488		mg/Kg		11/26/19 13:30	11/30/19 19:50	1
Cobalt	ND		0.244		mg/Kg		11/26/19 13:30	11/30/19 19:50	1
Chromium	ND		0.244		mg/Kg		11/26/19 13:30	11/30/19 19:50	1
Copper	ND		0.488		mg/Kg		11/26/19 13:30	11/30/19 19:50	1
Molybdenum	ND		0.244		mg/Kg		11/26/19 13:30	11/30/19 19:50	1
Nickel	ND		0.244		mg/Kg		11/26/19 13:30	11/30/19 19:50	1
Antimony	ND		0.732		mg/Kg		11/26/19 13:30	11/30/19 19:50	1
Selenium	ND		0.732		mg/Kg		11/26/19 13:30	11/30/19 19:50	1
Thallium	ND		0.732		mg/Kg		11/26/19 13:30	11/30/19 19:50	1
Vanadium	ND		0.244		mg/Kg		11/26/19 13:30	11/30/19 19:50	1
Zinc	ND		0.976		mg/Kg		11/26/19 13:30	11/30/19 19:50	1
Lead	ND		0.488		mg/Kg		11/26/19 13:30	11/30/19 19:50	1

Lab Sample ID: LCS 570-35373/2-A
Matrix: Solid
Analysis Batch: 36237

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 35373

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	12.3	13.18		mg/Kg		107	80 - 120
Arsenic	24.6	23.22		mg/Kg		94	80 - 120
Barium	24.6	25.96		mg/Kg		105	80 - 120
Beryllium	24.6	23.85		mg/Kg		97	80 - 120
Cadmium	24.6	25.16		mg/Kg		102	80 - 120
Cobalt	24.6	26.16		mg/Kg		106	80 - 120
Chromium	24.6	25.59		mg/Kg		104	80 - 120

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCS 570-35373/2-A
Matrix: Solid
Analysis Batch: 36237

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 35373

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Copper	24.6	26.60		mg/Kg		108	80 - 120
Molybdenum	24.6	22.43		mg/Kg		91	80 - 120
Nickel	24.6	26.17		mg/Kg		106	80 - 120
Antimony	24.6	23.35		mg/Kg		95	80 - 120
Selenium	24.6	23.24		mg/Kg		94	80 - 120
Thallium	24.6	23.91		mg/Kg		97	80 - 120
Vanadium	24.6	24.58		mg/Kg		100	80 - 120
Zinc	24.6	24.35		mg/Kg		99	80 - 120
Lead	24.6	25.20		mg/Kg		102	80 - 120

Lab Sample ID: LCSD 570-35373/3-A
Matrix: Solid
Analysis Batch: 36237

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 35373

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Silver	12.8	13.57		mg/Kg		106	80 - 120	3	20
Arsenic	25.6	23.47		mg/Kg		92	80 - 120	1	20
Barium	25.6	26.69		mg/Kg		104	80 - 120	3	20
Beryllium	25.6	24.39		mg/Kg		95	80 - 120	2	20
Cadmium	25.6	25.86		mg/Kg		101	80 - 120	3	20
Cobalt	25.6	26.87		mg/Kg		105	80 - 120	3	20
Chromium	25.6	26.31		mg/Kg		103	80 - 120	3	20
Copper	25.6	27.39		mg/Kg		107	80 - 120	3	20
Molybdenum	25.6	23.14		mg/Kg		90	80 - 120	3	20
Nickel	25.6	26.86		mg/Kg		105	80 - 120	3	20
Antimony	25.6	23.14		mg/Kg		90	80 - 120	1	20
Selenium	25.6	24.30		mg/Kg		95	80 - 120	4	20
Thallium	25.6	24.82		mg/Kg		97	80 - 120	4	20
Vanadium	25.6	25.25		mg/Kg		98	80 - 120	3	20
Zinc	25.6	24.59		mg/Kg		96	80 - 120	1	20
Lead	25.6	25.41		mg/Kg		99	80 - 120	1	20

Lab Sample ID: 570-13749-1 MS
Matrix: Solid
Analysis Batch: 36237

Client Sample ID: B1-1
Prep Type: Total/NA
Prep Batch: 35373

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	ND		12.3	12.44		mg/Kg		100	75 - 125
Arsenic	2.05		24.6	25.47		mg/Kg		95	75 - 125
Barium	93.5		24.6	122.5		mg/Kg		118	75 - 125
Beryllium	0.420		24.6	25.32		mg/Kg		101	75 - 125
Cadmium	ND		24.6	24.43		mg/Kg		99	75 - 125
Cobalt	5.37		24.6	29.70		mg/Kg		99	75 - 125
Chromium	12.6		24.6	40.14		mg/Kg		112	75 - 125
Copper	7.18		24.6	34.74		mg/Kg		112	75 - 125
Molybdenum	ND		24.6	22.32		mg/Kg		91	75 - 125
Nickel	7.36		24.6	32.92		mg/Kg		104	75 - 125
Antimony	ND	F1	24.6	7.847	F1	mg/Kg		31	50 - 115
Selenium	ND		24.6	23.32		mg/Kg		95	75 - 125

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: 570-13749-1 MS — **Client Sample ID: B1-1**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 36237 — **Prep Batch: 35373**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Thallium	ND		24.6	23.06		mg/Kg		93	75 - 125
Vanadium	22.2		24.6	47.75		mg/Kg		104	75 - 125
Zinc	24.2		24.6	52.54		mg/Kg		115	75 - 125
Lead	2.99		24.6	29.25		mg/Kg		107	75 - 125

Lab Sample ID: 570-13749-1 MSD — **Client Sample ID: B1-1**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 36237 — **Prep Batch: 35373**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Silver	ND		12.3	12.73		mg/Kg		103	75 - 125	2	20
Arsenic	2.05		24.5	25.79		mg/Kg		97	75 - 125	1	20
Barium	93.5		24.5	124.1		mg/Kg		125	75 - 125	1	20
Beryllium	0.420		24.5	25.63		mg/Kg		103	75 - 125	1	20
Cadmium	ND		24.5	24.77		mg/Kg		101	75 - 125	1	20
Cobalt	5.37		24.5	30.51		mg/Kg		103	75 - 125	3	20
Chromium	12.6		24.5	39.64		mg/Kg		110	75 - 125	1	20
Copper	7.18		24.5	34.47		mg/Kg		111	75 - 125	1	20
Molybdenum	ND		24.5	22.58		mg/Kg		92	75 - 125	1	20
Nickel	7.36		24.5	33.20		mg/Kg		105	75 - 125	1	20
Antimony	ND	F1	24.5	6.632	F1	mg/Kg		26	50 - 115	17	20
Selenium	ND		24.5	23.75		mg/Kg		97	75 - 125	2	20
Thallium	ND		24.5	23.85		mg/Kg		96	75 - 125	3	20
Vanadium	22.2		24.5	49.16		mg/Kg		110	75 - 125	3	20
Zinc	24.2		24.5	48.86		mg/Kg		101	75 - 125	7	20
Lead	2.99		24.5	29.72		mg/Kg		109	75 - 125	2	20

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 570-35375/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 35637 — **Prep Batch: 35375**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0862		mg/Kg		11/25/19 20:15	11/26/19 16:05	1

Lab Sample ID: LCS 570-35375/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 35637 — **Prep Batch: 35375**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury			0.877	0.8365		mg/Kg		95	85 - 121

Lab Sample ID: LCSD 570-35375/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 35637 — **Prep Batch: 35375**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury			0.833	0.8121		mg/Kg		97	85 - 121	3	10

Method: 7471A - Mercury (CVAA) (Continued)

Lab Sample ID: 570-13749-1 MS
Matrix: Solid
Analysis Batch: 35637

Client Sample ID: B1-1
Prep Type: Total/NA
Prep Batch: 35375

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Mercury	ND		0.806	0.6923		mg/Kg		83	71 - 137		

Lab Sample ID: 570-13749-1 MSD
Matrix: Solid
Analysis Batch: 35637

Client Sample ID: B1-1
Prep Type: Total/NA
Prep Batch: 35375

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	ND		0.833	0.6588		mg/Kg		77	71 - 137	5	14

QC Association Summary

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13749-1

GC/MS VOA

Prep Batch: 35295

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-13749-2	B1-5	Total/NA	Solid	5035	
570-13749-4	B1-15	Total/NA	Solid	5035	
570-13749-10	B2-5	Total/NA	Solid	5035	
570-13749-12	B2-15	Total/NA	Solid	5035	
570-13749-17	B3-5	Total/NA	Solid	5035	

Prep Batch: 35299

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-13749-19	B3-15	Total/NA	Solid	5035	
570-13749-35	B10-6	Total/NA	Solid	5035	
570-13749-38	B11-6	Total/NA	Solid	5035	
570-13749-42	B12-5	Total/NA	Solid	5035	

Analysis Batch: 35770

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-13749-12	B2-15	Total/NA	Solid	8260B	35295
570-13749-17	B3-5	Total/NA	Solid	8260B	35295
570-13749-19	B3-15	Total/NA	Solid	8260B	35299
570-13749-35	B10-6	Total/NA	Solid	8260B	35299
570-13749-38	B11-6	Total/NA	Solid	8260B	35299
570-13749-42	B12-5	Total/NA	Solid	8260B	35299
MB 570-35770/6	Method Blank	Total/NA	Solid	8260B	
LCS 570-35770/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 570-35770/4	Lab Control Sample Dup	Total/NA	Solid	8260B	

Analysis Batch: 35785

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-13749-2	B1-5	Total/NA	Solid	8260B	35295
570-13749-4	B1-15	Total/NA	Solid	8260B	35295
570-13749-10	B2-5	Total/NA	Solid	8260B	35295
MB 570-35785/8	Method Blank	Total/NA	Solid	8260B	
LCS 570-35785/5	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 570-35785/6	Lab Control Sample Dup	Total/NA	Solid	8260B	

GC/MS Semi VOA

Prep Batch: 35477

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-13749-1	B1-1	Total/NA	Solid	3545	
570-13749-2	B1-5	Total/NA	Solid	3545	
570-13749-3	B1-10	Total/NA	Solid	3545	
570-13749-8	B2-1	Total/NA	Solid	3545	
570-13749-9	B2-3	Total/NA	Solid	3545	
570-13749-10	B2-5	Total/NA	Solid	3545	
570-13749-11	B2-10	Total/NA	Solid	3545	
570-13749-16	B3-3	Total/NA	Solid	3545	
570-13749-17	B3-5	Total/NA	Solid	3545	
570-13749-18	B3-10	Total/NA	Solid	3545	
570-13749-23	B4-1	Total/NA	Solid	3545	
570-13749-24	B4-3	Total/NA	Solid	3545	
570-13749-25	B5-1	Total/NA	Solid	3545	

GC/MS Semi VOA (Continued)

Prep Batch: 35477 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-13749-26	B5-3	Total/NA	Solid	3545	
570-13749-27	B6-1	Total/NA	Solid	3545	
570-13749-28	B6-3	Total/NA	Solid	3545	
570-13749-29	B7-1	Total/NA	Solid	3545	
570-13749-30	B7-3	Total/NA	Solid	3545	
570-13749-31	B8-1	Total/NA	Solid	3545	
570-13749-32	B8-3	Total/NA	Solid	3545	
MB 570-35477/1-A	Method Blank	Total/NA	Solid	3545	
LCS 570-35477/2-A	Lab Control Sample	Total/NA	Solid	3545	
LCSD 570-35477/3-A	Lab Control Sample Dup	Total/NA	Solid	3545	
570-13749-8 MS	B2-1	Total/NA	Solid	3545	
570-13749-8 MSD	B2-1	Total/NA	Solid	3545	

Prep Batch: 35732

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-13749-33	B9-3	Total/NA	Solid	3545	
MB 570-35732/1-A	Method Blank	Total/NA	Solid	3545	
LCS 570-35732/2-A	Lab Control Sample	Total/NA	Solid	3545	
LCSD 570-35732/3-A	Lab Control Sample Dup	Total/NA	Solid	3545	
570-13753-A-1-F MS	Matrix Spike	Total/NA	Solid	3545	
570-13753-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	3545	

Analysis Batch: 35781

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-13749-1	B1-1	Total/NA	Solid	8270C	35477
570-13749-2	B1-5	Total/NA	Solid	8270C	35477
570-13749-16	B3-3	Total/NA	Solid	8270C	35477
570-13749-17	B3-5	Total/NA	Solid	8270C	35477
570-13749-18	B3-10	Total/NA	Solid	8270C	35477

Analysis Batch: 35783

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-13749-3	B1-10	Total/NA	Solid	8270C	35477
570-13749-8	B2-1	Total/NA	Solid	8270C	35477
570-13749-9	B2-3	Total/NA	Solid	8270C	35477
570-13749-10	B2-5	Total/NA	Solid	8270C	35477
570-13749-11	B2-10	Total/NA	Solid	8270C	35477
MB 570-35477/1-A	Method Blank	Total/NA	Solid	8270C	35477
LCS 570-35477/2-A	Lab Control Sample	Total/NA	Solid	8270C	35477
LCSD 570-35477/3-A	Lab Control Sample Dup	Total/NA	Solid	8270C	35477
570-13749-8 MS	B2-1	Total/NA	Solid	8270C	35477
570-13749-8 MSD	B2-1	Total/NA	Solid	8270C	35477

Analysis Batch: 36186

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-13749-33	B9-3	Total/NA	Solid	8270C	35732
MB 570-35732/1-A	Method Blank	Total/NA	Solid	8270C	35732

Analysis Batch: 36187

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-13749-23	B4-1	Total/NA	Solid	8270C	35477

GC/MS Semi VOA (Continued)

Analysis Batch: 36187 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-13749-24	B4-3	Total/NA	Solid	8270C	35477
570-13749-25	B5-1	Total/NA	Solid	8270C	35477
570-13749-26	B5-3	Total/NA	Solid	8270C	35477
570-13749-27	B6-1	Total/NA	Solid	8270C	35477
570-13749-28	B6-3	Total/NA	Solid	8270C	35477
570-13749-29	B7-1	Total/NA	Solid	8270C	35477
570-13749-30	B7-3	Total/NA	Solid	8270C	35477
570-13749-31	B8-1	Total/NA	Solid	8270C	35477
570-13749-32	B8-3	Total/NA	Solid	8270C	35477

Analysis Batch: 36416

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 570-35732/2-A	Lab Control Sample	Total/NA	Solid	8270C	35732
LCSD 570-35732/3-A	Lab Control Sample Dup	Total/NA	Solid	8270C	35732
570-13753-A-1-F MS	Matrix Spike	Total/NA	Solid	8270C	35732
570-13753-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8270C	35732

GC Semi VOA

Prep Batch: 35908

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-13749-1	B1-1	Total/NA	Solid	3550C	
570-13749-4	B1-15	Total/NA	Solid	3550C	
570-13749-12	B2-15	Total/NA	Solid	3550C	
570-13749-18	B3-10	Total/NA	Solid	3550C	
570-13749-19	B3-15	Total/NA	Solid	3550C	
570-13749-23	B4-1	Total/NA	Solid	3550C	
570-13749-25	B5-1	Total/NA	Solid	3550C	
570-13749-27	B6-1	Total/NA	Solid	3550C	
570-13749-29	B7-1	Total/NA	Solid	3550C	
570-13749-31	B8-1	Total/NA	Solid	3550C	
570-13749-35	B10-6	Total/NA	Solid	3550C	
570-13749-36	B10-15	Total/NA	Solid	3550C	
570-13749-38	B11-6	Total/NA	Solid	3550C	
570-13749-39	B11-15	Total/NA	Solid	3550C	
570-13749-42	B12-5	Total/NA	Solid	3550C	
570-13749-44	B12-15	Total/NA	Solid	3550C	
570-13749-50	B13-5	Total/NA	Solid	3550C	
MB 570-35908/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-35908/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-35908/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
570-13749-1 MS	B1-1	Total/NA	Solid	3550C	
570-13749-1 MSD	B1-1	Total/NA	Solid	3550C	

Prep Batch: 36072

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-13749-66	B22-5	Total/NA	Solid	3550C	
MB 570-36072/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-36072/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-36072/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
570-13749-66 MS	B22-5	Total/NA	Solid	3550C	

GC Semi VOA (Continued)

Prep Batch: 36072 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-13749-66 MSD	B22-5	Total/NA	Solid	3550C	

Analysis Batch: 36084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-13749-1	B1-1	Total/NA	Solid	8015B	35908
570-13749-4	B1-15	Total/NA	Solid	8015B	35908
570-13749-12	B2-15	Total/NA	Solid	8015B	35908
570-13749-18	B3-10	Total/NA	Solid	8015B	35908
570-13749-19	B3-15	Total/NA	Solid	8015B	35908
570-13749-23	B4-1	Total/NA	Solid	8015B	35908
570-13749-25	B5-1	Total/NA	Solid	8015B	35908
570-13749-27	B6-1	Total/NA	Solid	8015B	35908
570-13749-29	B7-1	Total/NA	Solid	8015B	35908
570-13749-31	B8-1	Total/NA	Solid	8015B	35908
570-13749-35	B10-6	Total/NA	Solid	8015B	35908
570-13749-36	B10-15	Total/NA	Solid	8015B	35908
570-13749-38	B11-6	Total/NA	Solid	8015B	35908
570-13749-39	B11-15	Total/NA	Solid	8015B	35908
570-13749-42	B12-5	Total/NA	Solid	8015B	35908
570-13749-44	B12-15	Total/NA	Solid	8015B	35908
570-13749-50	B13-5	Total/NA	Solid	8015B	35908
MB 570-35908/1-A	Method Blank	Total/NA	Solid	8015B	35908
LCS 570-35908/2-A	Lab Control Sample	Total/NA	Solid	8015B	35908
LCSD 570-35908/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	35908
570-13749-1 MS	B1-1	Total/NA	Solid	8015B	35908
570-13749-1 MSD	B1-1	Total/NA	Solid	8015B	35908

Analysis Batch: 36106

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-13749-2	B1-5	Total/NA	Solid	8015B	36217
570-13749-3	B1-10	Total/NA	Solid	8015B	36217
570-13749-8	B2-1	Total/NA	Solid	8015B	36217
570-13749-10	B2-5	Total/NA	Solid	8015B	36217
570-13749-11	B2-10	Total/NA	Solid	8015B	36217
570-13749-17	B3-5	Total/NA	Solid	8015B	36217
570-13749-63	B21-1	Total/NA	Solid	8015B	36217
MB 570-36217/1-A	Method Blank	Total/NA	Solid	8015B	36217
LCS 570-36217/2-A	Lab Control Sample	Total/NA	Solid	8015B	36217
LCSD 570-36217/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	36217
570-14299-A-5-A MS	Matrix Spike	Total/NA	Solid	8015B	36217
570-14299-A-5-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B	36217

Analysis Batch: 36139

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-13749-66	B22-5	Total/NA	Solid	8015B	36072
MB 570-36072/1-A	Method Blank	Total/NA	Solid	8015B	36072
LCS 570-36072/2-A	Lab Control Sample	Total/NA	Solid	8015B	36072
LCSD 570-36072/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	36072
570-13749-66 MS	B22-5	Total/NA	Solid	8015B	36072
570-13749-66 MSD	B22-5	Total/NA	Solid	8015B	36072

QC Association Summary

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13749-1

GC Semi VOA

Prep Batch: 36217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-13749-2	B1-5	Total/NA	Solid	3550C	
570-13749-3	B1-10	Total/NA	Solid	3550C	
570-13749-8	B2-1	Total/NA	Solid	3550C	
570-13749-10	B2-5	Total/NA	Solid	3550C	
570-13749-11	B2-10	Total/NA	Solid	3550C	
570-13749-17	B3-5	Total/NA	Solid	3550C	
570-13749-63	B21-1	Total/NA	Solid	3550C	
MB 570-36217/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-36217/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-36217/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
570-14299-A-5-A MS	Matrix Spike	Total/NA	Solid	3550C	
570-14299-A-5-B MSD	Matrix Spike Duplicate	Total/NA	Solid	3550C	

Metals

Prep Batch: 35373

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-13749-1	B1-1	Total/NA	Solid	3050B	
570-13749-8	B2-1	Total/NA	Solid	3050B	
570-13749-23	B4-1	Total/NA	Solid	3050B	
570-13749-25	B5-1	Total/NA	Solid	3050B	
570-13749-27	B6-1	Total/NA	Solid	3050B	
570-13749-29	B7-1	Total/NA	Solid	3050B	
570-13749-31	B8-1	Total/NA	Solid	3050B	
570-13749-34	B10-1	Total/NA	Solid	3050B	
570-13749-37	B11-1	Total/NA	Solid	3050B	
570-13749-40	B12-1	Total/NA	Solid	3050B	
570-13749-48	B13-1	Total/NA	Solid	3050B	
570-13749-51	B17-1	Total/NA	Solid	3050B	
570-13749-54	B18-1	Total/NA	Solid	3050B	
570-13749-57	B19-1	Total/NA	Solid	3050B	
570-13749-60	B20-1	Total/NA	Solid	3050B	
570-13749-63	B21-1	Total/NA	Solid	3050B	
570-13749-64	B22-1	Total/NA	Solid	3050B	
570-13749-70	B24-1	Total/NA	Solid	3050B	
570-13749-76	B26-1	Total/NA	Solid	3050B	
MB 570-35373/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 570-35373/2-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 570-35373/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
570-13749-1 MS	B1-1	Total/NA	Solid	3050B	
570-13749-1 MSD	B1-1	Total/NA	Solid	3050B	

Prep Batch: 35375

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-13749-1	B1-1	Total/NA	Solid	7471A	
570-13749-8	B2-1	Total/NA	Solid	7471A	
570-13749-23	B4-1	Total/NA	Solid	7471A	
570-13749-25	B5-1	Total/NA	Solid	7471A	
570-13749-27	B6-1	Total/NA	Solid	7471A	
570-13749-29	B7-1	Total/NA	Solid	7471A	
570-13749-31	B8-1	Total/NA	Solid	7471A	

Metals (Continued)

Prep Batch: 35375 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-13749-34	B10-1	Total/NA	Solid	7471A	
570-13749-37	B11-1	Total/NA	Solid	7471A	
570-13749-40	B12-1	Total/NA	Solid	7471A	
570-13749-48	B13-1	Total/NA	Solid	7471A	
570-13749-51	B17-1	Total/NA	Solid	7471A	
570-13749-54	B18-1	Total/NA	Solid	7471A	
570-13749-57	B19-1	Total/NA	Solid	7471A	
570-13749-60	B20-1	Total/NA	Solid	7471A	
570-13749-63	B21-1	Total/NA	Solid	7471A	
570-13749-64	B22-1	Total/NA	Solid	7471A	
570-13749-70	B24-1	Total/NA	Solid	7471A	
570-13749-76	B26-1	Total/NA	Solid	7471A	
MB 570-35375/1-A	Method Blank	Total/NA	Solid	7471A	
LCS 570-35375/2-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 570-35375/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	
570-13749-1 MS	B1-1	Total/NA	Solid	7471A	
570-13749-1 MSD	B1-1	Total/NA	Solid	7471A	

Analysis Batch: 35637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-13749-1	B1-1	Total/NA	Solid	7471A	35375
570-13749-8	B2-1	Total/NA	Solid	7471A	35375
570-13749-23	B4-1	Total/NA	Solid	7471A	35375
570-13749-25	B5-1	Total/NA	Solid	7471A	35375
570-13749-27	B6-1	Total/NA	Solid	7471A	35375
570-13749-29	B7-1	Total/NA	Solid	7471A	35375
570-13749-31	B8-1	Total/NA	Solid	7471A	35375
570-13749-34	B10-1	Total/NA	Solid	7471A	35375
570-13749-37	B11-1	Total/NA	Solid	7471A	35375
570-13749-40	B12-1	Total/NA	Solid	7471A	35375
570-13749-48	B13-1	Total/NA	Solid	7471A	35375
570-13749-51	B17-1	Total/NA	Solid	7471A	35375
570-13749-54	B18-1	Total/NA	Solid	7471A	35375
570-13749-57	B19-1	Total/NA	Solid	7471A	35375
570-13749-60	B20-1	Total/NA	Solid	7471A	35375
570-13749-63	B21-1	Total/NA	Solid	7471A	35375
570-13749-64	B22-1	Total/NA	Solid	7471A	35375
570-13749-70	B24-1	Total/NA	Solid	7471A	35375
570-13749-76	B26-1	Total/NA	Solid	7471A	35375
MB 570-35375/1-A	Method Blank	Total/NA	Solid	7471A	35375
LCS 570-35375/2-A	Lab Control Sample	Total/NA	Solid	7471A	35375
LCSD 570-35375/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	35375
570-13749-1 MS	B1-1	Total/NA	Solid	7471A	35375
570-13749-1 MSD	B1-1	Total/NA	Solid	7471A	35375

Analysis Batch: 36237

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-13749-1	B1-1	Total/NA	Solid	6010B	35373
570-13749-8	B2-1	Total/NA	Solid	6010B	35373
570-13749-23	B4-1	Total/NA	Solid	6010B	35373
570-13749-25	B5-1	Total/NA	Solid	6010B	35373

Metals (Continued)

Analysis Batch: 36237 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-13749-27	B6-1	Total/NA	Solid	6010B	35373
570-13749-29	B7-1	Total/NA	Solid	6010B	35373
570-13749-31	B8-1	Total/NA	Solid	6010B	35373
570-13749-34	B10-1	Total/NA	Solid	6010B	35373
570-13749-37	B11-1	Total/NA	Solid	6010B	35373
570-13749-40	B12-1	Total/NA	Solid	6010B	35373
570-13749-48	B13-1	Total/NA	Solid	6010B	35373
570-13749-51	B17-1	Total/NA	Solid	6010B	35373
570-13749-54	B18-1	Total/NA	Solid	6010B	35373
570-13749-57	B19-1	Total/NA	Solid	6010B	35373
570-13749-60	B20-1	Total/NA	Solid	6010B	35373
570-13749-63	B21-1	Total/NA	Solid	6010B	35373
570-13749-64	B22-1	Total/NA	Solid	6010B	35373
570-13749-70	B24-1	Total/NA	Solid	6010B	35373
570-13749-76	B26-1	Total/NA	Solid	6010B	35373
MB 570-35373/1-A	Method Blank	Total/NA	Solid	6010B	35373
LCS 570-35373/2-A	Lab Control Sample	Total/NA	Solid	6010B	35373
LCSD 570-35373/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	35373
570-13749-1 MS	B1-1	Total/NA	Solid	6010B	35373
570-13749-1 MSD	B1-1	Total/NA	Solid	6010B	35373

Lab Chronicle

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13749-1

Client Sample ID: B1-1

Lab Sample ID: 570-13749-1

Date Collected: 11/20/19 12:05
Date Received: 11/22/19 13:00

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3545			19.92 g	2 mL	35477	11/26/19 10:25	F7UI	ECL 1
Total/NA	Analysis	8270C		1			35781	11/27/19 21:00	N8CZ	ECL 1
	Instrument ID:	GCMSSS								
Total/NA	Prep	3550C			9.93 g	10 mL	35908	11/27/19 18:14	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36084	11/30/19 19:28	I9H5	ECL 1
	Instrument ID:	GC49								
Total/NA	Prep	3050B			2.00 g	100 mL	35373	11/26/19 13:30	X7RL	ECL 1
Total/NA	Analysis	6010B		1			36237	11/30/19 20:07	ULPF	ECL 1
	Instrument ID:	ICP8								
Total/NA	Prep	7471A			.58 g	100 mL	35375	11/25/19 20:15	X7RL	ECL 1
Total/NA	Analysis	7471A		1			35637	11/26/19 16:12	I3IN	ECL 1
	Instrument ID:	HG8								

Client Sample ID: B1-5

Lab Sample ID: 570-13749-2

Date Collected: 11/20/19 12:50
Date Received: 11/22/19 13:00

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.987 g	5 g	35295	11/25/19 16:50	MGX6	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	35785	11/27/19 18:01	MGX6	ECL 2
	Instrument ID:	GCMSQ								
Total/NA	Prep	3545			19.93 g	2 mL	35477	11/26/19 10:25	F7UI	ECL 1
Total/NA	Analysis	8270C		1			35781	11/27/19 21:20	N8CZ	ECL 1
	Instrument ID:	GCMSSS								
Total/NA	Prep	3550C			9.95 g	10 mL	36217	12/02/19 12:38	UFLU	ECL 1
Total/NA	Analysis	8015B		1			36106	12/03/19 00:22	I9H5	ECL 1
	Instrument ID:	GC47								

Client Sample ID: B1-10

Lab Sample ID: 570-13749-3

Date Collected: 11/20/19 12:55
Date Received: 11/22/19 13:00

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3545			20.12 g	2 mL	35477	11/26/19 10:25	F7UI	ECL 1
Total/NA	Analysis	8270C		1			35783	11/27/19 20:38	N8CZ	ECL 1
	Instrument ID:	GCMSTT								
Total/NA	Prep	3550C			10.12 g	10 mL	36217	12/02/19 12:38	UFLU	ECL 1
Total/NA	Analysis	8015B		1			36106	12/03/19 00:42	I9H5	ECL 1
	Instrument ID:	GC47								

Lab Chronicle

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13749-1

Client Sample ID: B1-15

Lab Sample ID: 570-13749-4
Date Collected: 11/20/19 13:00
Matrix: Solid
Date Received: 11/22/19 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.482 g	5 g	35295	11/25/19 16:50	MGX6	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	35785	11/27/19 18:27	MGX6	ECL 2
	Instrument ID: GCMSQ									
Total/NA	Prep	3550C			10.08 g	10 mL	35908	11/27/19 18:14	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36084	11/30/19 19:48	I9H5	ECL 1
	Instrument ID: GC49									

Client Sample ID: B2-1

Lab Sample ID: 570-13749-8
Date Collected: 11/20/19 12:08
Matrix: Solid
Date Received: 11/22/19 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3545			20.12 g	2 mL	35477	11/26/19 10:25	F7UI	ECL 1
Total/NA	Analysis	8270C		1			35783	11/27/19 20:57	N8CZ	ECL 1
	Instrument ID: GCMSTT									
Total/NA	Prep	3550C			10.04 g	10 mL	36217	12/02/19 12:38	UFLU	ECL 1
Total/NA	Analysis	8015B		1			36106	12/03/19 01:03	I9H5	ECL 1
	Instrument ID: GC47									
Total/NA	Prep	3050B			2.08 g	100 mL	35373	11/26/19 13:30	X7RL	ECL 1
Total/NA	Analysis	6010B		1			36237	11/30/19 20:14	ULPF	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	7471A			.63 g	100 mL	35375	11/25/19 20:15	X7RL	ECL 1
Total/NA	Analysis	7471A		1			35637	11/26/19 16:19	I3IN	ECL 1
	Instrument ID: HG8									

Client Sample ID: B2-3

Lab Sample ID: 570-13749-9
Date Collected: 11/20/19 12:11
Matrix: Solid
Date Received: 11/22/19 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3545			20.06 g	2 mL	35477	11/26/19 10:25	F7UI	ECL 1
Total/NA	Analysis	8270C		1			35783	11/27/19 21:16	N8CZ	ECL 1
	Instrument ID: GCMSTT									

Client Sample ID: B2-5

Lab Sample ID: 570-13749-10
Date Collected: 11/20/19 13:35
Matrix: Solid
Date Received: 11/22/19 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.66 g	5 g	35295	11/25/19 16:50	MGX6	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	35785	11/27/19 18:53	MGX6	ECL 2
	Instrument ID: GCMSQ									
Total/NA	Prep	3545			20.01 g	2 mL	35477	11/26/19 10:25	F7UI	ECL 1
Total/NA	Analysis	8270C		1			35783	11/27/19 21:35	N8CZ	ECL 1
	Instrument ID: GCMSTT									

Lab Chronicle

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13749-1

Client Sample ID: B2-5
Lab Sample ID: 570-13749-10
Date Collected: 11/20/19 13:35
Matrix: Solid
Date Received: 11/22/19 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			10.09 g	10 mL	36217	12/02/19 12:38	UFLU	ECL 1
Total/NA	Analysis	8015B		1			36106	12/03/19 01:23	I9H5	ECL 1
	Instrument ID:	GC47								

Client Sample ID: B2-10
Lab Sample ID: 570-13749-11
Date Collected: 11/20/19 13:45
Matrix: Solid
Date Received: 11/22/19 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3545			20.19 g	2 mL	35477	11/26/19 10:25	F7UI	ECL 1
Total/NA	Analysis	8270C		1			35783	11/27/19 21:54	N8CZ	ECL 1
	Instrument ID:	GCMSTT								
Total/NA	Prep	3550C			9.96 g	10 mL	36217	12/02/19 12:38	UFLU	ECL 1
Total/NA	Analysis	8015B		1			36106	12/03/19 01:44	I9H5	ECL 1
	Instrument ID:	GC47								

Client Sample ID: B2-15
Lab Sample ID: 570-13749-12
Date Collected: 11/20/19 13:50
Matrix: Solid
Date Received: 11/22/19 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.298 g	5 g	35295	11/25/19 16:50	MGX6	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	35770	11/27/19 13:38	U4JL	ECL 2
	Instrument ID:	GCMSBB								
Total/NA	Prep	3550C			10.15 g	10 mL	35908	11/27/19 18:14	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36084	11/30/19 20:08	I9H5	ECL 1
	Instrument ID:	GC49								

Client Sample ID: B3-3
Lab Sample ID: 570-13749-16
Date Collected: 11/20/19 14:00
Matrix: Solid
Date Received: 11/22/19 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3545			20.06 g	2 mL	35477	11/26/19 10:25	F7UI	ECL 1
Total/NA	Analysis	8270C		1			35781	11/27/19 21:39	N8CZ	ECL 1
	Instrument ID:	GCMSSS								

Client Sample ID: B3-5
Lab Sample ID: 570-13749-17
Date Collected: 11/20/19 14:35
Matrix: Solid
Date Received: 11/22/19 13:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.241 g	5 g	35295	11/25/19 16:52	MGX6	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	35770	11/27/19 14:04	U4JL	ECL 2
	Instrument ID:	GCMSBB								

Lab Chronicle

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13749-1

Client Sample ID: B3-5
Date Collected: 11/20/19 14:35
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-17
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3545			20.00 g	2 mL	35477	11/26/19 10:25	F7UI	ECL 1
Total/NA	Analysis	8270C		1			35781	11/27/19 21:59	N8CZ	ECL 1
	Instrument ID:	GCMSSS								
Total/NA	Prep	3550C			9.99 g	10 mL	36217	12/02/19 12:38	UFLU	ECL 1
Total/NA	Analysis	8015B		1			36106	12/03/19 02:03	I9H5	ECL 1
	Instrument ID:	GC47								

Client Sample ID: B3-10
Date Collected: 11/20/19 14:45
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-18
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3545			20.05 g	2 mL	35477	11/26/19 10:25	F7UI	ECL 1
Total/NA	Analysis	8270C		1			35781	11/27/19 22:18	N8CZ	ECL 1
	Instrument ID:	GCMSSS								
Total/NA	Prep	3550C			10.07 g	10 mL	35908	11/27/19 18:14	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36084	11/30/19 20:29	I9H5	ECL 1
	Instrument ID:	GC49								

Client Sample ID: B3-15
Date Collected: 11/20/19 14:50
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.925 g	5 g	35299	11/25/19 17:04	MGX6	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	35770	11/27/19 14:30	U4JL	ECL 2
	Instrument ID:	GCMSBB								
Total/NA	Prep	3550C			10.13 g	10 mL	35908	11/27/19 18:14	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36084	11/30/19 20:50	I9H5	ECL 1
	Instrument ID:	GC49								

Client Sample ID: B4-1
Date Collected: 11/20/19 14:00
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3545			19.99 g	2 mL	35477	11/26/19 10:25	F7UI	ECL 1
Total/NA	Analysis	8270C		1			36187	12/02/19 15:52	N8CZ	ECL 1
	Instrument ID:	GCMSTT								
Total/NA	Prep	3550C			10.11 g	10 mL	35908	11/27/19 18:14	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36084	11/30/19 21:10	I9H5	ECL 1
	Instrument ID:	GC49								
Total/NA	Prep	3050B			1.95 g	100 mL	35373	11/26/19 13:30	X7RL	ECL 1
Total/NA	Analysis	6010B		1			36237	11/30/19 20:16	ULPF	ECL 1
	Instrument ID:	ICP8								

Lab Chronicle

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13749-1

Client Sample ID: B4-1
Date Collected: 11/20/19 14:00
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-23
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			.63 g	100 mL	35375	11/25/19 20:15	X7RL	ECL 1
Total/NA	Analysis	7471A		1			35637	11/26/19 16:21	I3IN	ECL 1
	Instrument ID:	HG8								

Client Sample ID: B4-3
Date Collected: 11/20/19 14:30
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-24
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3545			19.96 g	2 mL	35477	11/26/19 10:25	F7UI	ECL 1
Total/NA	Analysis	8270C		1			36187	12/02/19 16:11	N8CZ	ECL 1
	Instrument ID:	GCMSTT								

Client Sample ID: B5-1
Date Collected: 11/20/19 13:24
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-25
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3545			20.06 g	2 mL	35477	11/26/19 10:25	F7UI	ECL 1
Total/NA	Analysis	8270C		1			36187	12/02/19 16:30	N8CZ	ECL 1
	Instrument ID:	GCMSTT								
Total/NA	Prep	3550C			9.91 g	10 mL	35908	11/27/19 18:14	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36084	11/30/19 21:31	I9H5	ECL 1
	Instrument ID:	GC49								
Total/NA	Prep	3050B			1.90 g	100 mL	35373	11/26/19 13:30	X7RL	ECL 1
Total/NA	Analysis	6010B		1			36237	11/30/19 20:19	ULPF	ECL 1
	Instrument ID:	ICP8								
Total/NA	Prep	7471A			.61 g	100 mL	35375	11/25/19 20:15	X7RL	ECL 1
Total/NA	Analysis	7471A		1			35637	11/26/19 16:24	I3IN	ECL 1
	Instrument ID:	HG8								

Client Sample ID: B5-3
Date Collected: 11/20/19 13:35
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-26
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3545			20.07 g	2 mL	35477	11/26/19 10:25	F7UI	ECL 1
Total/NA	Analysis	8270C		1			36187	12/02/19 16:49	N8CZ	ECL 1
	Instrument ID:	GCMSTT								

Lab Chronicle

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13749-1

Client Sample ID: B6-1

Lab Sample ID: 570-13749-27

Date Collected: 11/20/19 12:35
Date Received: 11/22/19 13:00

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3545			20.04 g	2 mL	35477	11/26/19 10:25	F7UI	ECL 1
Total/NA	Analysis	8270C		1			36187	12/02/19 17:08	N8CZ	ECL 1
	Instrument ID:	GCMSTT								
Total/NA	Prep	3550C			10.14 g	10 mL	35908	11/27/19 18:14	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36084	11/30/19 21:50	I9H5	ECL 1
	Instrument ID:	GC49								
Total/NA	Prep	3050B			2.10 g	100 mL	35373	11/26/19 13:30	X7RL	ECL 1
Total/NA	Analysis	6010B		1			36237	11/30/19 20:21	ULPF	ECL 1
	Instrument ID:	ICP8								
Total/NA	Prep	7471A			.60 g	100 mL	35375	11/25/19 20:15	X7RL	ECL 1
Total/NA	Analysis	7471A		1			35637	11/26/19 16:26	I3IN	ECL 1
	Instrument ID:	HG8								

Client Sample ID: B6-3

Lab Sample ID: 570-13749-28

Date Collected: 11/20/19 12:37
Date Received: 11/22/19 13:00

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3545			19.96 g	2 mL	35477	11/26/19 10:25	F7UI	ECL 1
Total/NA	Analysis	8270C		1			36187	12/02/19 17:27	N8CZ	ECL 1
	Instrument ID:	GCMSTT								

Client Sample ID: B7-1

Lab Sample ID: 570-13749-29

Date Collected: 11/20/19 14:23
Date Received: 11/22/19 13:00

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3545			20.11 g	2 mL	35477	11/26/19 10:25	F7UI	ECL 1
Total/NA	Analysis	8270C		1			36187	12/02/19 17:46	N8CZ	ECL 1
	Instrument ID:	GCMSTT								
Total/NA	Prep	3550C			10.18 g	10 mL	35908	11/27/19 18:14	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36084	11/30/19 22:11	I9H5	ECL 1
	Instrument ID:	GC49								
Total/NA	Prep	3050B			1.96 g	100 mL	35373	11/26/19 13:30	X7RL	ECL 1
Total/NA	Analysis	6010B		1			36237	11/30/19 20:24	ULPF	ECL 1
	Instrument ID:	ICP8								
Total/NA	Prep	7471A			.63 g	100 mL	35375	11/25/19 20:15	X7RL	ECL 1
Total/NA	Analysis	7471A		1			35637	11/26/19 16:33	I3IN	ECL 1
	Instrument ID:	HG8								

Lab Chronicle

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13749-1

Client Sample ID: B7-3
Date Collected: 11/20/19 14:40
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-30
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3545			19.97 g	2 mL	35477	11/26/19 10:25	F7UI	ECL 1
Total/NA	Analysis	8270C		1			36187	12/02/19 18:05	N8CZ	ECL 1
	Instrument ID:	GCMSTT								

Client Sample ID: B8-1
Date Collected: 11/20/19 13:54
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-31
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3545			20.15 g	2 mL	35477	11/26/19 10:25	F7UI	ECL 1
Total/NA	Analysis	8270C		1			36187	12/02/19 18:25	N8CZ	ECL 1
	Instrument ID:	GCMSTT								
Total/NA	Prep	3550C			9.96 g	10 mL	35908	11/27/19 18:14	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36084	11/30/19 22:31	I9H5	ECL 1
	Instrument ID:	GC49								
Total/NA	Prep	3050B			2.09 g	100 mL	35373	11/26/19 13:30	X7RL	ECL 1
Total/NA	Analysis	6010B		1			36237	11/30/19 20:26	ULPF	ECL 1
	Instrument ID:	ICP8								
Total/NA	Prep	7471A			.61 g	100 mL	35375	11/25/19 20:15	X7RL	ECL 1
Total/NA	Analysis	7471A		1			35637	11/26/19 16:35	I3IN	ECL 1
	Instrument ID:	HG8								

Client Sample ID: B8-3
Date Collected: 11/20/19 14:00
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-32
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3545			20.14 g	2 mL	35477	11/26/19 10:25	F7UI	ECL 1
Total/NA	Analysis	8270C		1			36187	12/02/19 18:44	N8CZ	ECL 1
	Instrument ID:	GCMSTT								

Client Sample ID: B9-3
Date Collected: 11/20/19 13:25
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-33
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3545			20.17 g	2 mL	35732	11/27/19 08:45	F7UI	ECL 1
Total/NA	Analysis	8270C		1	1 mL	1.0 mL	36186	12/02/19 21:17	N8CZ	ECL 1
	Instrument ID:	GCMSSS								

Lab Chronicle

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13749-1

Client Sample ID: B10-1
Date Collected: 11/20/19 08:20
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-34
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.99 g	100 mL	35373	11/26/19 13:30	X7RL	ECL 1
Total/NA	Analysis	6010B		1			36237	11/30/19 20:29	ULPF	ECL 1
	Instrument ID:	ICP8								
Total/NA	Prep	7471A			.62 g	100 mL	35375	11/25/19 20:15	X7RL	ECL 1
Total/NA	Analysis	7471A		1			35637	11/26/19 16:38	I3IN	ECL 1
	Instrument ID:	HG8								

Client Sample ID: B10-6
Date Collected: 11/20/19 09:00
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-35
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.241 g	5 g	35299	11/25/19 17:04	MGX6	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	35770	11/27/19 14:56	U4JL	ECL 2
	Instrument ID:	GCMSBB								
Total/NA	Prep	3550C			10.07 g	10 mL	35908	11/27/19 18:14	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36084	11/30/19 23:33	I9H5	ECL 1
	Instrument ID:	GC49								

Client Sample ID: B10-15
Date Collected: 11/20/19 09:05
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-36
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			10.13 g	10 mL	35908	11/27/19 18:14	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36084	11/30/19 23:54	I9H5	ECL 1
	Instrument ID:	GC49								

Client Sample ID: B11-1
Date Collected: 11/20/19 08:40
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-37
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.06 g	100 mL	35373	11/26/19 13:30	X7RL	ECL 1
Total/NA	Analysis	6010B		1			36237	11/30/19 20:39	ULPF	ECL 1
	Instrument ID:	ICP8								
Total/NA	Prep	7471A			.60 g	100 mL	35375	11/25/19 20:15	X7RL	ECL 1
Total/NA	Analysis	7471A		1			35637	11/26/19 16:40	I3IN	ECL 1
	Instrument ID:	HG8								

Lab Chronicle

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13749-1

Client Sample ID: B11-6
Date Collected: 11/20/19 09:10
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-38
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 g	35299	11/25/19 17:04	MGX6	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	35770	11/27/19 15:22	U4JL	ECL 2
	Instrument ID:	GCMSBB								
Total/NA	Prep	3550C			10.04 g	10 mL	35908	11/27/19 18:14	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36084	12/01/19 00:15	I9H5	ECL 1
	Instrument ID:	GC49								

Client Sample ID: B11-15
Date Collected: 11/20/19 09:20
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-39
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			10.00 g	10 mL	35908	11/27/19 18:14	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36084	12/01/19 00:36	I9H5	ECL 1
	Instrument ID:	GC49								

Client Sample ID: B12-1
Date Collected: 11/20/19 10:40
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-40
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.04 g	100 mL	35373	11/26/19 13:30	X7RL	ECL 1
Total/NA	Analysis	6010B		1			36237	11/30/19 20:41	ULPF	ECL 1
	Instrument ID:	ICP8								
Total/NA	Prep	7471A			.63 g	100 mL	35375	11/25/19 20:15	X7RL	ECL 1
Total/NA	Analysis	7471A		1			35637	11/26/19 16:42	I3IN	ECL 1
	Instrument ID:	HG8								

Client Sample ID: B12-5
Date Collected: 11/20/19 11:00
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-42
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3.905 g	5 g	35299	11/25/19 17:04	MGX6	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	35770	11/27/19 15:48	U4JL	ECL 2
	Instrument ID:	GCMSBB								
Total/NA	Prep	3550C			10.18 g	10 mL	35908	11/27/19 18:14	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36084	12/01/19 00:56	I9H5	ECL 1
	Instrument ID:	GC49								

Lab Chronicle

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13749-1

Client Sample ID: B12-15
Date Collected: 11/20/19 11:15
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-44
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			9.95 g	10 mL	35908	11/27/19 18:14	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36084	12/01/19 01:18	I9H5	ECL 1
	Instrument ID: GC49									

Client Sample ID: B13-1
Date Collected: 11/20/19 10:40
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-48
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.08 g	100 mL	35373	11/26/19 13:30	X7RL	ECL 1
Total/NA	Analysis	6010B		1			36237	11/30/19 20:43	ULPF	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	7471A			.60 g	100 mL	35375	11/25/19 20:15	X7RL	ECL 1
Total/NA	Analysis	7471A		1			35637	11/26/19 16:45	I3IN	ECL 1
	Instrument ID: HG8									

Client Sample ID: B13-5
Date Collected: 11/20/19 10:45
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-50
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			10.00 g	10 mL	35908	11/27/19 18:14	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36084	12/01/19 01:38	I9H5	ECL 1
	Instrument ID: GC49									

Client Sample ID: B17-1
Date Collected: 11/20/19 07:35
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-51
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.99 g	100 mL	35373	11/26/19 13:30	X7RL	ECL 1
Total/NA	Analysis	6010B		1			36237	11/30/19 20:46	ULPF	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	7471A			.63 g	100 mL	35375	11/25/19 20:15	X7RL	ECL 1
Total/NA	Analysis	7471A		1			35637	11/26/19 16:47	I3IN	ECL 1
	Instrument ID: HG8									

Client Sample ID: B18-1
Date Collected: 11/20/19 07:40
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-54
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.97 g	100 mL	35373	11/26/19 13:30	X7RL	ECL 1
Total/NA	Analysis	6010B		1			36237	11/30/19 20:48	ULPF	ECL 1
	Instrument ID: ICP8									

Lab Chronicle

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13749-1

Client Sample ID: B18-1
Date Collected: 11/20/19 07:40
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-54
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			.61 g	100 mL	35375	11/25/19 20:15	X7RL	ECL 1
Total/NA	Analysis	7471A		1			35637	11/26/19 16:49	I3IN	ECL 1
	Instrument ID: HG8									

Client Sample ID: B19-1
Date Collected: 11/20/19 08:20
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-57
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			2.08 g	100 mL	35373	11/26/19 13:30	X7RL	ECL 1
Total/NA	Analysis	6010B		1			36237	11/30/19 20:51	ULPF	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	7471A			.58 g	100 mL	35375	11/25/19 20:15	X7RL	ECL 1
Total/NA	Analysis	7471A		1			35637	11/26/19 16:51	I3IN	ECL 1
	Instrument ID: HG8									

Client Sample ID: B20-1
Date Collected: 11/20/19 08:20
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-60
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.94 g	100 mL	35373	11/26/19 13:30	X7RL	ECL 1
Total/NA	Analysis	6010B		1			36237	11/30/19 20:53	ULPF	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	7471A			.57 g	100 mL	35375	11/25/19 20:15	X7RL	ECL 1
Total/NA	Analysis	7471A		1			35637	11/26/19 16:54	I3IN	ECL 1
	Instrument ID: HG8									

Client Sample ID: B21-1
Date Collected: 11/20/19 11:30
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-63
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			10.14 g	10 mL	36217	12/02/19 12:38	UFLU	ECL 1
Total/NA	Analysis	8015B		1			36106	12/03/19 02:24	I9H5	ECL 1
	Instrument ID: GC47									
Total/NA	Prep	3050B			1.94 g	100 mL	35373	11/26/19 13:30	X7RL	ECL 1
Total/NA	Analysis	6010B		1			36237	11/30/19 20:56	ULPF	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	7471A			.63 g	100 mL	35375	11/25/19 20:15	X7RL	ECL 1
Total/NA	Analysis	7471A		1			35637	11/26/19 17:01	I3IN	ECL 1
	Instrument ID: HG8									

Lab Chronicle

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13749-1

Client Sample ID: B22-1
Date Collected: 11/20/19 11:05
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-64
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.96 g	100 mL	35373	11/26/19 13:30	X7RL	ECL 1
Total/NA	Analysis	6010B		1			36237	11/30/19 20:58	ULPF	ECL 1
	Instrument ID:	ICP8								
Total/NA	Prep	7471A			.62 g	100 mL	35375	11/25/19 20:15	X7RL	ECL 1
Total/NA	Analysis	7471A		1			35637	11/26/19 17:03	I3IN	ECL 1
	Instrument ID:	HG8								

Client Sample ID: B22-5
Date Collected: 11/20/19 11:14
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-66
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			10.09 g	10 mL	36072	11/30/19 13:49	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36139	12/02/19 18:01	I9H5	ECL 1
	Instrument ID:	GC49								

Client Sample ID: B24-1
Date Collected: 11/20/19 09:33
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-70
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.98 g	100 mL	35373	11/26/19 13:30	X7RL	ECL 1
Total/NA	Analysis	6010B		1			36237	11/30/19 21:00	ULPF	ECL 1
	Instrument ID:	ICP8								
Total/NA	Prep	7471A			.63 g	100 mL	35375	11/25/19 20:15	X7RL	ECL 1
Total/NA	Analysis	7471A		1			35637	11/26/19 17:05	I3IN	ECL 1
	Instrument ID:	HG8								

Client Sample ID: B26-1
Date Collected: 11/20/19 08:50
Date Received: 11/22/19 13:00

Lab Sample ID: 570-13749-76
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.99 g	100 mL	35373	11/26/19 13:30	X7RL	ECL 1
Total/NA	Analysis	6010B		1			36237	11/30/19 21:10	ULPF	ECL 1
	Instrument ID:	ICP8								
Total/NA	Prep	7471A			.63 g	100 mL	35375	11/25/19 20:15	X7RL	ECL 1
Total/NA	Analysis	7471A		1			35637	11/26/19 17:08	I3IN	ECL 1
	Instrument ID:	HG8								

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Accreditation/Certification Summary

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13749-1

Laboratory: Eurofins Calscience LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arizona	State	AZ0781	03-13-20
California	State	2944	09-29-20
Hawaii	State	<cert No.>	07-02-20
Nevada	State	CA00111	07-31-20
Oregon	NELAP	CA300001	01-29-20

Method Summary

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13749-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	ECL 2
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	ECL 1
8015B	Diesel Range Organics (DRO) (GC)	SW846	ECL 1
6010B	Metals (ICP)	SW846	ECL 1
7471A	Mercury (CVAA)	SW846	ECL 1
3050B	Preparation, Metals	SW846	ECL 1
3545	Pressurized Fluid Extraction	SW846	ECL 1
3550C	Ultrasonic Extraction	SW846	ECL 1
5035	Closed System Purge and Trap	SW846	ECL 2
7471A	Preparation, Mercury	SW846	ECL 1

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494
ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Sample Summary

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13749-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
570-13749-1	B1-1	Solid	11/20/19 12:05	11/22/19 13:00	
570-13749-2	B1-5	Solid	11/20/19 12:50	11/22/19 13:00	
570-13749-3	B1-10	Solid	11/20/19 12:55	11/22/19 13:00	
570-13749-4	B1-15	Solid	11/20/19 13:00	11/22/19 13:00	
570-13749-8	B2-1	Solid	11/20/19 12:08	11/22/19 13:00	
570-13749-9	B2-3	Solid	11/20/19 12:11	11/22/19 13:00	
570-13749-10	B2-5	Solid	11/20/19 13:35	11/22/19 13:00	
570-13749-11	B2-10	Solid	11/20/19 13:45	11/22/19 13:00	
570-13749-12	B2-15	Solid	11/20/19 13:50	11/22/19 13:00	
570-13749-16	B3-3	Solid	11/20/19 14:00	11/22/19 13:00	
570-13749-17	B3-5	Solid	11/20/19 14:35	11/22/19 13:00	
570-13749-18	B3-10	Solid	11/20/19 14:45	11/22/19 13:00	
570-13749-19	B3-15	Solid	11/20/19 14:50	11/22/19 13:00	
570-13749-23	B4-1	Solid	11/20/19 14:00	11/22/19 13:00	
570-13749-24	B4-3	Solid	11/20/19 14:30	11/22/19 13:00	
570-13749-25	B5-1	Solid	11/20/19 13:24	11/22/19 13:00	
570-13749-26	B5-3	Solid	11/20/19 13:35	11/22/19 13:00	
570-13749-27	B6-1	Solid	11/20/19 12:35	11/22/19 13:00	
570-13749-28	B6-3	Solid	11/20/19 12:37	11/22/19 13:00	
570-13749-29	B7-1	Solid	11/20/19 14:23	11/22/19 13:00	
570-13749-30	B7-3	Solid	11/20/19 14:40	11/22/19 13:00	
570-13749-31	B8-1	Solid	11/20/19 13:54	11/22/19 13:00	
570-13749-32	B8-3	Solid	11/20/19 14:00	11/22/19 13:00	
570-13749-33	B9-3	Solid	11/20/19 13:25	11/22/19 13:00	
570-13749-34	B10-1	Solid	11/20/19 08:20	11/22/19 13:00	
570-13749-35	B10-6	Solid	11/20/19 09:00	11/22/19 13:00	
570-13749-36	B10-15	Solid	11/20/19 09:05	11/22/19 13:00	
570-13749-37	B11-1	Solid	11/20/19 08:40	11/22/19 13:00	
570-13749-38	B11-6	Solid	11/20/19 09:10	11/22/19 13:00	
570-13749-39	B11-15	Solid	11/20/19 09:20	11/22/19 13:00	
570-13749-40	B12-1	Solid	11/20/19 10:40	11/22/19 13:00	
570-13749-42	B12-5	Solid	11/20/19 11:00	11/22/19 13:00	
570-13749-44	B12-15	Solid	11/20/19 11:15	11/22/19 13:00	
570-13749-48	B13-1	Solid	11/20/19 10:40	11/22/19 13:00	
570-13749-50	B13-5	Solid	11/20/19 10:45	11/22/19 13:00	
570-13749-51	B17-1	Solid	11/20/19 07:35	11/22/19 13:00	
570-13749-54	B18-1	Solid	11/20/19 07:40	11/22/19 13:00	
570-13749-57	B19-1	Solid	11/20/19 08:20	11/22/19 13:00	
570-13749-60	B20-1	Solid	11/20/19 08:20	11/22/19 13:00	
570-13749-63	B21-1	Solid	11/20/19 11:30	11/22/19 13:00	
570-13749-64	B22-1	Solid	11/20/19 11:05	11/22/19 13:00	
570-13749-66	B22-5	Solid	11/20/19 11:14	11/22/19 13:00	
570-13749-70	B24-1	Solid	11/20/19 09:33	11/22/19 13:00	
570-13749-76	B26-1	Solid	11/20/19 08:50	11/22/19 13:00	

13749

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570-13749 Chain of Custody

CHAIN-OF-CUSTODY RECORD

Date 11/21/19
Page 1 of 8

LABORATORY CLIENT: Frey Env. Inc.
ADDRESS: 2817 A Lafayette Ave
CITY: Newport Beh STATE: CA ZIP: 92663
TEL: 949-723-1645 E-MAIL: evanprivett@freyinc.com

CLIENT PROJECT NAME / NO.: One San Pedro / 759-13
P.O. NO.: 759-13
PROJECT CONTACT: Evan Privett
LAB CONTACT OR QUOTE NO.:
GLOBAL ID:
LOG CODE:
SAMPLER(S): (PRINT) Sawyer Jones

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAYS ☐ STANDARD

EDD
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES
Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	☐ TPH(g) ☐ GRO	☐ TPH(d) ☐ DRO	TPH ~~☐ C36~~ ☒ C6-C44	TPH ____	BTEX / MTBE ☐ 8260 ☐ ____	VOCs (8260)	Oxygenates (8260)	Prep (5035) ☐ En Core ☐ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☐ 6010/747X ☐ 6020/747X	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6	HOLD			
1	B1-1	11/20/19	12:05	Soil	1						X									X	X					
2	B1-5	↓	12:50	↓	5						X			X						X						
3	B1-10	↓	12:55	↓	5						X									X						
4	B1-15	↓	1:00	↓	5						X			X												
5	B1-20	↓	1:05	↓	1																		X			
6	B1-25	↓	1:10	↓	1																		X			
7	B1-30	↓	1:20	↓	1																		X			
8	B2-1	↓	12:08	↓	1						X									X	X					
9	B2-3	↓	12:11	↓	1															X						
10	B2-5	↓	1:35	↓	5						X			X						X						

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
[signature]	[signature]	11/22/19	12:00
[signature]	[signature]	11/22/19	1300

2.5/3.0, 2.7/3.2 SG

2016-04-01-Revision

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Date 11/21/19
Page 2 of 8

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LABORATORY CLIENT: Frey Env. Inc.
ADDRESS:
CITY: STATE: ZIP:
TEL: E-MAIL:

CLIENT PROJECT NAME / NO.: One San Pedro
P.O. NO.: 759-13
PROJECT CONTACT: evan privett@freyinc.com
LAB CONTACT OR QUOTE NO:
GLOBAL ID: LOG CODE:
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11	B2-10	11/20/19	1:45	Soil	5						X									X						
12	B2-15		1:50		5						X			X												
13	B2-20		2:00		1																		X			
14	B2-25		2:05		1																		X			
15	B2-30		2:10		1																		X			
16	B3-3		2:00		1															X						
17	B3-5		2:35		4						X			X						X						
18	B3-10		2:45		4						X									X						
19	B3-15		2:50		4						X			X												
20	B3-20		2:55		1																		X			

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		11/22/19	12:00
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
		11/22/19	1300
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21	B3-25	11/20/19	3:05	Soil	1																		X			
22	B3-30	↓	3:15	↓	1																		X			
23	B4-1		2:00		1						X									X	X					
24	B4-3		2:30		1															X						
25	B5-1		1:24		1						X									X	X					
26	B5-3		1:35		1															X						
27	B6-1		12:35		1						X									X	X					
28	B6-3		12:37		1															X						
29	B7-1		2:23		1						X									X	X					
30	B7-3	↓	2:40	↓	1															X						

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
		11/22/19	12:00
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
		11/22/19	13:00
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

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31	B8-1	11/21/19	1:54	Soil	1						X									X	X					
32	B8-3		2:00		1															X						
33	B9-3		1:25		1															X						
34	B10-1		8:20		1																X					
35	B10-6		9:00		5						X			X					X							
36	B10-15		9:05		1						X															
37	B11-1		8:40		1																X					
38	B11-6		9:10		5						X			X					X							
39	B11-15		9:20		1						X															
40	B12-1		10:40		1																X					

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Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
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41	B12-3	11/20/19	10:45	Soil	1																		X			
42	B12-5	↓	11:00	↓	5						X			X												
43	B12-10		11:10		1																		X			
44	B12-15		11:15		1						X															
45	B12-20		11:20		1																		X			
46	B12-25		11:30		1																		X			
47	B12-30		11:40		1																		X			
48	B13-1		10:40		1																X					
49	B13-3		10:43		1																		X			
50	B13-5	↓	10:45	↓	1						X															

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51	B17-1	11/20/19	7:35	Soil	1																X					
52	B17-3		7:41		1																		X			
53	B17-5		7:45		1																		X			
54	B18-1		7:40		1																X					
55	B18-3		7:55		1																		X			
56	B18-5		8:00		1																		X			
57	B19-1		8:20		1																X					
58	B19-3		8:28		1																		X			
59	B19-5		8:36		1																		X			
60	B20-1		8:20		1																X					

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date: 11/22/19	Time: 12:00
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date: 11/22/19	Time: 1300
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

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61	B20-3	11/20/19	8:25	Soil	1																		X			
62	B20-5	↓	8:30	↓	1																		X			
63	B21-1	↓	11:30	↓	1						X										X					
64	B22-1	↓	11:05	↓	1																X					
65	B22-3	↓	11:09	↓	1																		X			
66	B22-5	↓	11:14	↓	1						X															
67	B23-1	↓	9:15	↓	1																		X			
68	B23-3	↓	9:18	↓	1																		X			
69	B23-5	↓	9:20	↓	1																		X			
70	B24-1	↓	9:33	↓	1																X					

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71	B24-3	11/20/19	9:37	Soil	1																		X			
72	B24-5	↓	9:40	↓	1																		X			
73	B25-1	↓	9:44	↓	1																		X			
74	B25-3	↓	9:48	↓	1																		X			
75	B25-5	↓	9:20	↓	1																		X			
76	B26-1	↓	8:50	↓	1																X					
77	B26-3	↓	8:58	↓	1																		X			
78	B26-5	↓	9:04	↓	1																		X			

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		11/22/19	1300

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Login Sample Receipt Checklist

Client: Frey Environmental

Job Number: 570-13749-1

Login Number: 13749
List Number: 1
Creator: Patel, Jayesh

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Refer to Job Narrative for details.
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-13628-1
Client Project/Site: One San Pedro / 75913

For:
Frey Environmental
2817-A La Fayette Ave
Newport Beach, California 92663

Attn: Evan Privett

Authorized for release by:
12/9/2019 9:01:40 PM

Stephen Nowak, Project Manager I
(714)895-5494
stephennowak@eurofinsus.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13628-1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
*	RPD of the LCS and LCSD exceeds the control limits

Metals

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD Recovery is outside acceptance limits.
L	A negative instrument reading had an absolute value greater than the reporting limit

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 570-13628-1

Laboratory: Eurofins Calscience LLC

Narrative

Job Narrative
570-13628-1

Comments
No additional comments.

Receipt
The samples were received on 11/21/2019 4:43 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 4.8º C.

GC/MS VOA
Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-36703.

Method 8260B: The initial calibration curve analyzed in batch 570-36703 was outside method criteria for the following analyte(s): Bromomethane. As indicated in the reference method, sample analysis may proceed; however, any detection or non-detection for the affected analyte(s) is considered an estimated concentration.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-36637.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC/MS Semi VOA
Method 8270C: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 570-34853 and analytical batch 570-35281 recovered outside control limits for the following analytes: Naphthalene.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Metals
Method 6010B: The absolute response for Selenium was greater than the method reporting limit (RL) in the following samples: B1-3 (570-13628-37) and B9-1 (570-13628-39).
The instrument raw data has been manually reviewed and the result can be reported as ND.

Method 6010B: Due to the high concentration of Barium the matrix spike / matrix spike duplicate (MS/MSD) for preparation batch 570-35297 and analytical batch 570-36237 could not be evaluated for accuracy and precision. The associated laboratory control sample (LCS) met acceptance criteria.

Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-35297 and analytical batch 570-36237 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13628-1

Client Sample ID: B5-5 — Lab Sample ID: 570-13628-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Acetone	43		40		ug/Kg	1		8260B	Total/NA

Client Sample ID: B5-10 — Lab Sample ID: 570-13628-2

No Detections.

Client Sample ID: B5-15 — Lab Sample ID: 570-13628-3

No Detections.

Client Sample ID: B5-20 — Lab Sample ID: 570-13628-4

No Detections.

Client Sample ID: B5-25 — Lab Sample ID: 570-13628-5

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	1.9		1.0		mg/Kg	2		8270C	Total/NA
Benzo[a]pyrene	3.8		1.0		mg/Kg	2		8270C	Total/NA
Benzo[b]fluoranthene	2.4		1.0		mg/Kg	2		8270C	Total/NA
Benzo[g,h,i]perylene	5.9		1.0		mg/Kg	2		8270C	Total/NA
Benzo[k]fluoranthene	1.9		1.0		mg/Kg	2		8270C	Total/NA
Chrysene	2.7		1.0		mg/Kg	2		8270C	Total/NA
Fluoranthene	3.9		1.0		mg/Kg	2		8270C	Total/NA
Indeno[1,2,3-cd]pyrene	3.2		1.0		mg/Kg	2		8270C	Total/NA
Phenanthrene	1.8		1.0		mg/Kg	2		8270C	Total/NA
Pyrene	6.4		1.0		mg/Kg	2		8270C	Total/NA
C21-C22	84		25		mg/Kg	5		8015B	Total/NA
C25-C28	75		25		mg/Kg	5		8015B	Total/NA
C29-C32	77		25		mg/Kg	5		8015B	Total/NA
C33-C36	75		25		mg/Kg	5		8015B	Total/NA
C37-C40	32		25		mg/Kg	5		8015B	Total/NA
C6-C44	390		25		mg/Kg	5		8015B	Total/NA
Diesel Range Organics [C10-C28]	210		25		mg/Kg	5		8015B	Total/NA

Client Sample ID: B5-30 — Lab Sample ID: 570-13628-6

No Detections.

Client Sample ID: B6-5 — Lab Sample ID: 570-13628-7

No Detections.

Client Sample ID: B6-10 — Lab Sample ID: 570-13628-8

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
C21-C22	5.2		5.0		mg/Kg	1		8015B	Total/NA
C6-C44	11		5.0		mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	13		5.0		mg/Kg	1		8015B	Total/NA

Client Sample ID: B6-15 — Lab Sample ID: 570-13628-9

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13628-1

Client Sample ID: B6-20 — Lab Sample ID: 570-13628-10

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzo[g,h,i]perylene	0.65		0.50		mg/Kg	1		8270C	Total/NA

Client Sample ID: B6-25 — Lab Sample ID: 570-13628-11

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzo[a]anthracene	0.75		0.50		mg/Kg	1		8270C	Total/NA
Benzo[a]pyrene	2.3		0.50		mg/Kg	1		8270C	Total/NA
Benzo[b]fluoranthene	1.3		0.50		mg/Kg	1		8270C	Total/NA
Benzo[g,h,i]perylene	3.6		0.50		mg/Kg	1		8270C	Total/NA
Benzo[k]fluoranthene	1.2		0.50		mg/Kg	1		8270C	Total/NA
Chrysene	0.95		0.50		mg/Kg	1		8270C	Total/NA
Fluoranthene	1.1		0.50		mg/Kg	1		8270C	Total/NA
Indeno[1,2,3-cd]pyrene	2.1		0.50		mg/Kg	1		8270C	Total/NA
Pyrene	2.0		0.50		mg/Kg	1		8270C	Total/NA
C19-C20	6.3		5.0		mg/Kg	1		8015B	Total/NA
C21-C22	14		5.0		mg/Kg	1		8015B	Total/NA
C23-C24	10		5.0		mg/Kg	1		8015B	Total/NA
C25-C28	33		5.0		mg/Kg	1		8015B	Total/NA
C29-C32	40		5.0		mg/Kg	1		8015B	Total/NA
C33-C36	34		5.0		mg/Kg	1		8015B	Total/NA
C37-C40	23		5.0		mg/Kg	1		8015B	Total/NA
C41-C44	11		5.0		mg/Kg	1		8015B	Total/NA
C6-C44	170		5.0		mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	66		5.0		mg/Kg	1		8015B	Total/NA

Client Sample ID: B6-30 — Lab Sample ID: 570-13628-12

No Detections.

Client Sample ID: B4-5 — Lab Sample ID: 570-13628-13

No Detections.

Client Sample ID: B4-10 — Lab Sample ID: 570-13628-14

No Detections.

Client Sample ID: B4-15 — Lab Sample ID: 570-13628-15

No Detections.

Client Sample ID: B4-20 — Lab Sample ID: 570-13628-16

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Diesel Range Organics [C10-C28]	5.2		4.9		mg/Kg	1		8015B	Total/NA

Client Sample ID: B4-25 — Lab Sample ID: 570-13628-17

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Benzo[g,h,i]perylene	0.65		0.50		mg/Kg	1		8270C	Total/NA
Fluoranthene	0.56		0.50		mg/Kg	1		8270C	Total/NA
Pyrene	0.84		0.50		mg/Kg	1		8270C	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13628-1

Client Sample ID: B4-30 — Lab Sample ID: 570-13628-18

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
C21-C22	6.0		5.0	mg/Kg	1		8015B	Total/NA
C6-C44	14		5.0	mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	15		5.0	mg/Kg	1		8015B	Total/NA

Client Sample ID: B7-5 — Lab Sample ID: 570-13628-19

No Detections.

Client Sample ID: B7-10 — Lab Sample ID: 570-13628-20

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.91		0.85	ug/Kg	1		8260B	Total/NA
Toluene	0.85		0.85	ug/Kg	1		8260B	Total/NA
C21-C22	12		9.8	mg/Kg	2		8015B	Total/NA
C23-C24	17		9.8	mg/Kg	2		8015B	Total/NA
C25-C28	70		9.8	mg/Kg	2		8015B	Total/NA
C29-C32	110		9.8	mg/Kg	2		8015B	Total/NA
C33-C36	87		9.8	mg/Kg	2		8015B	Total/NA
C37-C40	70		9.8	mg/Kg	2		8015B	Total/NA
C41-C44	30		9.8	mg/Kg	2		8015B	Total/NA
C6-C44	390		9.8	mg/Kg	2		8015B	Total/NA
Diesel Range Organics [C10-C28]	100		9.8	mg/Kg	2		8015B	Total/NA

Client Sample ID: B7-15 — Lab Sample ID: 570-13628-21

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
C21-C22	5.8		4.9	mg/Kg	1		8015B	Total/NA
C6-C44	15		4.9	mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	14		4.9	mg/Kg	1		8015B	Total/NA

Client Sample ID: B7-20 — Lab Sample ID: 570-13628-22

No Detections.

Client Sample ID: B7-25 — Lab Sample ID: 570-13628-23

No Detections.

Client Sample ID: B7-30 — Lab Sample ID: 570-13628-24

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
C25-C28	5.6		4.9	mg/Kg	1		8015B	Total/NA
C6-C44	9.8		4.9	mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	7.4		4.9	mg/Kg	1		8015B	Total/NA

Client Sample ID: B8-5 — Lab Sample ID: 570-13628-25

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Benzene	0.96		0.82	ug/Kg	1		8260B	Total/NA
Toluene	2.2		0.82	ug/Kg	1		8260B	Total/NA
C6-C44	11		4.9	mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	7.9		4.9	mg/Kg	1		8015B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13628-1

Client Sample ID: B8-10 — Lab Sample ID: 570-13628-26

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Benzene	1.3		0.76	ug/Kg	1		8260B	Total/NA
Ethylbenzene	0.95		0.76	ug/Kg	1		8260B	Total/NA
Toluene	1.3		0.76	ug/Kg	1		8260B	Total/NA

Client Sample ID: B8-15 — Lab Sample ID: 570-13628-27

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
C25-C28	9.3		5.0	mg/Kg	1		8015B	Total/NA
C29-C32	12		5.0	mg/Kg	1		8015B	Total/NA
C33-C36	8.7		5.0	mg/Kg	1		8015B	Total/NA
C37-C40	7.2		5.0	mg/Kg	1		8015B	Total/NA
C41-C44	5.4		5.0	mg/Kg	1		8015B	Total/NA
C6-C44	39		5.0	mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	14		5.0	mg/Kg	1		8015B	Total/NA

Client Sample ID: B8-20 — Lab Sample ID: 570-13628-28

No Detections.

Client Sample ID: B8-25 — Lab Sample ID: 570-13628-29

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
C25-C28	7.5		4.9	mg/Kg	1		8015B	Total/NA
C33-C36	4.9		4.9	mg/Kg	1		8015B	Total/NA
C6-C44	26		4.9	mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	16		4.9	mg/Kg	1		8015B	Total/NA

Client Sample ID: B8-30 — Lab Sample ID: 570-13628-30

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
C6-C44	13		4.9	mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	10		4.9	mg/Kg	1		8015B	Total/NA

Client Sample ID: B9-5 — Lab Sample ID: 570-13628-31

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
C25-C28	6.5		4.9	mg/Kg	1		8015B	Total/NA
C29-C32	7.3		4.9	mg/Kg	1		8015B	Total/NA
C33-C36	4.9		4.9	mg/Kg	1		8015B	Total/NA
C6-C44	21		4.9	mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	9.7		4.9	mg/Kg	1		8015B	Total/NA

Client Sample ID: B9-10 — Lab Sample ID: 570-13628-32

No Detections.

Client Sample ID: B9-15 — Lab Sample ID: 570-13628-33

No Detections.

Client Sample ID: B9-20 — Lab Sample ID: 570-13628-34

No Detections.

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13628-1

Client Sample ID: B9-25 — Lab Sample ID: 570-13628-35

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
C6-C44	5.5		5.0		mg/Kg	1		8015B	Total/NA

Client Sample ID: B9-30 — Lab Sample ID: 570-13628-36

No Detections.

Client Sample ID: B1-3 — Lab Sample ID: 570-13628-37

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
C6-C44	5.9		4.9		mg/Kg	1		8015B	Total/NA
Arsenic	3.45		0.765		mg/Kg	1		6010B	Total/NA
Barium	124		0.510		mg/Kg	1		6010B	Total/NA
Beryllium	0.378		0.255		mg/Kg	1		6010B	Total/NA
Cobalt	4.83		0.255		mg/Kg	1		6010B	Total/NA
Chromium	13.5		0.255		mg/Kg	1		6010B	Total/NA
Copper	10.8		0.510		mg/Kg	1		6010B	Total/NA
Molybdenum	0.338		0.255		mg/Kg	1		6010B	Total/NA
Nickel	8.72		0.255		mg/Kg	1		6010B	Total/NA
Vanadium	22.8		0.255		mg/Kg	1		6010B	Total/NA
Zinc	26.9		1.02		mg/Kg	1		6010B	Total/NA
Lead	3.90		0.510		mg/Kg	1		6010B	Total/NA

Client Sample ID: B3-1 — Lab Sample ID: 570-13628-38

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
C25-C28	9.3		5.0		mg/Kg	1		8015B	Total/NA
C29-C32	14		5.0		mg/Kg	1		8015B	Total/NA
C33-C36	11		5.0		mg/Kg	1		8015B	Total/NA
C37-C40	9.1		5.0		mg/Kg	1		8015B	Total/NA
C41-C44	6.4		5.0		mg/Kg	1		8015B	Total/NA
C6-C44	46		5.0		mg/Kg	1		8015B	Total/NA
Diesel Range Organics [C10-C28]	12		5.0		mg/Kg	1		8015B	Total/NA
Silver	0.578		0.253		mg/Kg	1		6010B	Total/NA
Arsenic	6.16		0.758		mg/Kg	1		6010B	Total/NA
Barium	137		0.505		mg/Kg	1		6010B	Total/NA
Beryllium	0.411		0.253		mg/Kg	1		6010B	Total/NA
Cadmium	1.36		0.505		mg/Kg	1		6010B	Total/NA
Cobalt	5.03		0.253		mg/Kg	1		6010B	Total/NA
Chromium	18.7		0.253		mg/Kg	1		6010B	Total/NA
Copper	23.2		0.505		mg/Kg	1		6010B	Total/NA
Molybdenum	0.410		0.253		mg/Kg	1		6010B	Total/NA
Nickel	11.8		0.253		mg/Kg	1		6010B	Total/NA
Vanadium	25.3		0.253		mg/Kg	1		6010B	Total/NA
Zinc	74.0		1.01		mg/Kg	1		6010B	Total/NA
Lead	32.8		0.505		mg/Kg	1		6010B	Total/NA

Client Sample ID: B9-1 — Lab Sample ID: 570-13628-39

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
C6-C44	10		5.0		mg/Kg	1		8015B	Total/NA
Silver	0.273		0.249		mg/Kg	1		6010B	Total/NA
Arsenic	5.34		0.746		mg/Kg	1		6010B	Total/NA
Barium	157		0.498		mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Calscience LLC

Detection Summary

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13628-1

Client Sample ID: B9-1 (Continued)

Lab Sample ID: 570-13628-39

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Beryllium	0.664		0.249		mg/Kg	1		6010B	Total/NA
Cadmium	0.520		0.498		mg/Kg	1		6010B	Total/NA
Cobalt	8.24		0.249		mg/Kg	1		6010B	Total/NA
Chromium	24.1		0.249		mg/Kg	1		6010B	Total/NA
Copper	25.5		0.498		mg/Kg	1		6010B	Total/NA
Nickel	18.3		0.249		mg/Kg	1		6010B	Total/NA
Vanadium	37.9		0.249		mg/Kg	1		6010B	Total/NA
Zinc	57.5		0.995		mg/Kg	1		6010B	Total/NA
Lead	12.5		0.498		mg/Kg	1		6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: B5-5
Date Collected: 11/21/19 13:05
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-1
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 16:13	1
1,1,1-Trichloroethane	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 16:13	1
1,1,2,2-Tetrachloroethane	ND		1.6		ug/Kg		11/22/19 18:22	12/04/19 16:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.0		ug/Kg		11/22/19 18:22	12/04/19 16:13	1
1,1,2-Trichloroethane	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 16:13	1
1,1-Dichloroethane	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 16:13	1
1,1-Dichloroethene	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 16:13	1
1,1-Dichloropropene	ND		1.6		ug/Kg		11/22/19 18:22	12/04/19 16:13	1
1,2,3-Trichlorobenzene	ND		1.6		ug/Kg		11/22/19 18:22	12/04/19 16:13	1
1,2,3-Trichloropropane	ND		1.6		ug/Kg		11/22/19 18:22	12/04/19 16:13	1
1,2,4-Trichlorobenzene	ND		1.6		ug/Kg		11/22/19 18:22	12/04/19 16:13	1
1,2,4-Trimethylbenzene	ND		1.6		ug/Kg		11/22/19 18:22	12/04/19 16:13	1
1,2-Dibromo-3-Chloropropane	ND		8.0		ug/Kg		11/22/19 18:22	12/04/19 16:13	1
1,2-Dibromoethane	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 16:13	1
1,2-Dichlorobenzene	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 16:13	1
1,2-Dichloroethane	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 16:13	1
1,2-Dichloropropane	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 16:13	1
1,3,5-Trimethylbenzene	ND		1.6		ug/Kg		11/22/19 18:22	12/04/19 16:13	1
1,3-Dichlorobenzene	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 16:13	1
1,3-Dichloropropane	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 16:13	1
1,4-Dichlorobenzene	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 16:13	1
2,2-Dichloropropane	ND		4.0		ug/Kg		11/22/19 18:22	12/04/19 16:13	1
2-Butanone	ND		16		ug/Kg		11/22/19 18:22	12/04/19 16:13	1
2-Chlorotoluene	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 16:13	1
2-Hexanone	ND		16		ug/Kg		11/22/19 18:22	12/04/19 16:13	1
4-Chlorotoluene	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 16:13	1
4-Methyl-2-pentanone	ND		16		ug/Kg		11/22/19 18:22	12/04/19 16:13	1
Acetone	**43**		40		ug/Kg		11/22/19 18:22	12/04/19 16:13	1
Benzene	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 16:13	1
Bromobenzene	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 16:13	1
Bromochloromethane	ND		1.6		ug/Kg		11/22/19 18:22	12/04/19 16:13	1
Bromodichloromethane	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 16:13	1
Bromoform	ND		4.0		ug/Kg		11/22/19 18:22	12/04/19 16:13	1
Bromomethane	ND		16		ug/Kg		11/22/19 18:22	12/04/19 16:13	1
cis-1,2-Dichloroethene	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 16:13	1
cis-1,3-Dichloropropene	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 16:13	1
Carbon disulfide	ND		8.0		ug/Kg		11/22/19 18:22	12/04/19 16:13	1
Carbon tetrachloride	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 16:13	1
Chlorobenzene	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 16:13	1
Chloroethane	ND		1.6		ug/Kg		11/22/19 18:22	12/04/19 16:13	1
Chloroform	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 16:13	1
Chloromethane	ND		16		ug/Kg		11/22/19 18:22	12/04/19 16:13	1
Dibromochloromethane	ND		1.6		ug/Kg		11/22/19 18:22	12/04/19 16:13	1
Dibromomethane	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 16:13	1
Dichlorodifluoromethane	ND		1.6		ug/Kg		11/22/19 18:22	12/04/19 16:13	1
Di-isopropyl ether (DIPE)	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 16:13	1
Ethanol	ND		400		ug/Kg		11/22/19 18:22	12/04/19 16:13	1
Ethylbenzene	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 16:13	1
Ethyl-t-butyl ether (ETBE)	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 16:13	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B5-5
Date Collected: 11/21/19 13:05
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-1
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		0.80	ug/Kg		11/22/19 18:22	12/04/19 16:13	1
Methylene Chloride	ND		8.0	ug/Kg		11/22/19 18:22	12/04/19 16:13	1
Methyl-t-Butyl Ether (MTBE)	ND		1.6	ug/Kg		11/22/19 18:22	12/04/19 16:13	1
Naphthalene	ND		8.0	ug/Kg		11/22/19 18:22	12/04/19 16:13	1
n-Butylbenzene	ND		0.80	ug/Kg		11/22/19 18:22	12/04/19 16:13	1
N-Propylbenzene	ND		1.6	ug/Kg		11/22/19 18:22	12/04/19 16:13	1
o-Xylene	ND		0.80	ug/Kg		11/22/19 18:22	12/04/19 16:13	1
m,p-Xylene	ND		1.6	ug/Kg		11/22/19 18:22	12/04/19 16:13	1
p-Isopropyltoluene	ND		0.80	ug/Kg		11/22/19 18:22	12/04/19 16:13	1
sec-Butylbenzene	ND		0.80	ug/Kg		11/22/19 18:22	12/04/19 16:13	1
Styrene	ND		0.80	ug/Kg		11/22/19 18:22	12/04/19 16:13	1
trans-1,2-Dichloroethene	ND		0.80	ug/Kg		11/22/19 18:22	12/04/19 16:13	1
trans-1,3-Dichloropropene	ND		1.6	ug/Kg		11/22/19 18:22	12/04/19 16:13	1
Tert-amyl-methyl ether (TAME)	ND		0.80	ug/Kg		11/22/19 18:22	12/04/19 16:13	1
tert-Butyl alcohol (TBA)	ND		16	ug/Kg		11/22/19 18:22	12/04/19 16:13	1
tert-Butylbenzene	ND		0.80	ug/Kg		11/22/19 18:22	12/04/19 16:13	1
Tetrachloroethene	ND		0.80	ug/Kg		11/22/19 18:22	12/04/19 16:13	1
Toluene	ND		0.80	ug/Kg		11/22/19 18:22	12/04/19 16:13	1
Trichloroethene	ND		1.6	ug/Kg		11/22/19 18:22	12/04/19 16:13	1
Trichlorofluoromethane	ND		8.0	ug/Kg		11/22/19 18:22	12/04/19 16:13	1
Vinyl acetate	ND		8.0	ug/Kg		11/22/19 18:22	12/04/19 16:13	1
Vinyl chloride	ND		0.80	ug/Kg		11/22/19 18:22	12/04/19 16:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*71 - 155*	*11/22/19 18:22*	*12/04/19 16:13*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*	*11/22/19 18:22*	*12/04/19 16:13*	*1*
Dibromofluoromethane (Surr)	*106*		*79 - 133*	*11/22/19 18:22*	*12/04/19 16:13*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*11/22/19 18:22*	*12/04/19 16:13*	*1*

Client Sample ID: B5-10
Date Collected: 11/21/19 13:20
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-2
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.83	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
1,1,1-Trichloroethane	ND		0.83	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
1,1,2,2-Tetrachloroethane	ND		1.7	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.3	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
1,1,2-Trichloroethane	ND		0.83	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
1,1-Dichloroethane	ND		0.83	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
1,1-Dichloroethene	ND		0.83	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
1,1-Dichloropropene	ND		1.7	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
1,2,3-Trichlorobenzene	ND		1.7	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
1,2,3-Trichloropropane	ND		1.7	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
1,2,4-Trichlorobenzene	ND		1.7	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
1,2,4-Trimethylbenzene	ND		1.7	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
1,2-Dibromo-3-Chloropropane	ND		8.3	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
1,2-Dibromoethane	ND		0.83	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
1,2-Dichlorobenzene	ND		0.83	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
1,2-Dichloroethane	ND		0.83	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
1,2-Dichloropropane	ND		0.83	ug/Kg		11/22/19 18:22	12/04/19 16:40	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B5-10
Date Collected: 11/21/19 13:20
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-2
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	ND		1.7	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
1,3-Dichlorobenzene	ND		0.83	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
1,3-Dichloropropane	ND		0.83	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
1,4-Dichlorobenzene	ND		0.83	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
2,2-Dichloropropane	ND		4.2	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
2-Butanone	ND		17	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
2-Chlorotoluene	ND		0.83	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
2-Hexanone	ND		17	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
4-Chlorotoluene	ND		0.83	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
4-Methyl-2-pentanone	ND		17	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
Acetone	ND		42	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
Benzene	ND		0.83	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
Bromobenzene	ND		0.83	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
Bromochloromethane	ND		1.7	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
Bromodichloromethane	ND		0.83	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
Bromoform	ND		4.2	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
Bromomethane	ND		17	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
cis-1,2-Dichloroethene	ND		0.83	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
cis-1,3-Dichloropropene	ND		0.83	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
Carbon disulfide	ND		8.3	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
Carbon tetrachloride	ND		0.83	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
Chlorobenzene	ND		0.83	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
Chloroethane	ND		1.7	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
Chloroform	ND		0.83	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
Chloromethane	ND		17	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
Dibromochloromethane	ND		1.7	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
Dibromomethane	ND		0.83	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
Dichlorodifluoromethane	ND		1.7	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
Di-isopropyl ether (DIPE)	ND		0.83	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
Ethanol	ND		420	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
Ethylbenzene	ND		0.83	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
Ethyl-t-butyl ether (ETBE)	ND		0.83	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
Isopropylbenzene	ND		0.83	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
Methylene Chloride	ND		8.3	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
Methyl-t-Butyl Ether (MTBE)	ND		1.7	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
Naphthalene	ND		8.3	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
n-Butylbenzene	ND		0.83	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
N-Propylbenzene	ND		1.7	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
o-Xylene	ND		0.83	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
m,p-Xylene	ND		1.7	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
p-Isopropyltoluene	ND		0.83	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
sec-Butylbenzene	ND		0.83	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
Styrene	ND		0.83	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
trans-1,2-Dichloroethene	ND		0.83	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
trans-1,3-Dichloropropene	ND		1.7	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
Tert-amyl-methyl ether (TAME)	ND		0.83	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
tert-Butyl alcohol (TBA)	ND		17	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
tert-Butylbenzene	ND		0.83	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
Tetrachloroethene	ND		0.83	ug/Kg		11/22/19 18:22	12/04/19 16:40	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B5-10
Date Collected: 11/21/19 13:20
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-2
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		0.83	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
Trichloroethene	ND		1.7	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
Trichlorofluoromethane	ND		8.3	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
Vinyl acetate	ND		8.3	ug/Kg		11/22/19 18:22	12/04/19 16:40	1
Vinyl chloride	ND		0.83	ug/Kg		11/22/19 18:22	12/04/19 16:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*71 - 155*	*11/22/19 18:22*	*12/04/19 16:40*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*	*11/22/19 18:22*	*12/04/19 16:40*	*1*
Dibromofluoromethane (Surr)	*100*		*79 - 133*	*11/22/19 18:22*	*12/04/19 16:40*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*11/22/19 18:22*	*12/04/19 16:40*	*1*

Client Sample ID: B5-15
Date Collected: 11/21/19 13:28
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-3
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.89	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
1,1,1-Trichloroethane	ND		0.89	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
1,1,2,2-Tetrachloroethane	ND		1.8	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.9	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
1,1,2-Trichloroethane	ND		0.89	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
1,1-Dichloroethane	ND		0.89	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
1,1-Dichloroethene	ND		0.89	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
1,1-Dichloropropene	ND		1.8	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
1,2,3-Trichlorobenzene	ND		1.8	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
1,2,3-Trichloropropane	ND		1.8	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
1,2,4-Trichlorobenzene	ND		1.8	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
1,2,4-Trimethylbenzene	ND		1.8	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
1,2-Dibromo-3-Chloropropane	ND		8.9	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
1,2-Dibromoethane	ND		0.89	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
1,2-Dichlorobenzene	ND		0.89	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
1,2-Dichloroethane	ND		0.89	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
1,2-Dichloropropane	ND		0.89	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
1,3,5-Trimethylbenzene	ND		1.8	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
1,3-Dichlorobenzene	ND		0.89	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
1,3-Dichloropropane	ND		0.89	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
1,4-Dichlorobenzene	ND		0.89	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
2,2-Dichloropropane	ND		4.4	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
2-Butanone	ND		18	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
2-Chlorotoluene	ND		0.89	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
2-Hexanone	ND		18	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
4-Chlorotoluene	ND		0.89	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
4-Methyl-2-pentanone	ND		18	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
Acetone	ND		44	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
Benzene	ND		0.89	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
Bromobenzene	ND		0.89	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
Bromochloromethane	ND		1.8	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
Bromodichloromethane	ND		0.89	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
Bromoform	ND		4.4	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
Bromomethane	ND		18	ug/Kg		11/22/19 18:22	12/04/19 17:07	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B5-15
Date Collected: 11/21/19 13:28
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-3
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		0.89	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
cis-1,3-Dichloropropene	ND		0.89	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
Carbon disulfide	ND		8.9	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
Carbon tetrachloride	ND		0.89	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
Chlorobenzene	ND		0.89	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
Chloroethane	ND		1.8	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
Chloroform	ND		0.89	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
Chloromethane	ND		18	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
Dibromochloromethane	ND		1.8	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
Dibromomethane	ND		0.89	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
Dichlorodifluoromethane	ND		1.8	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
Di-isopropyl ether (DIPE)	ND		0.89	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
Ethanol	ND		440	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
Ethylbenzene	ND		0.89	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
Ethyl-t-butyl ether (ETBE)	ND		0.89	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
Isopropylbenzene	ND		0.89	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
Methylene Chloride	ND		8.9	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
Methyl-t-Butyl Ether (MTBE)	ND		1.8	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
Naphthalene	ND		8.9	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
n-Butylbenzene	ND		0.89	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
N-Propylbenzene	ND		1.8	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
o-Xylene	ND		0.89	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
m,p-Xylene	ND		1.8	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
p-Isopropyltoluene	ND		0.89	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
sec-Butylbenzene	ND		0.89	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
Styrene	ND		0.89	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
trans-1,2-Dichloroethene	ND		0.89	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
trans-1,3-Dichloropropene	ND		1.8	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
Tert-amyl-methyl ether (TAME)	ND		0.89	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
tert-Butyl alcohol (TBA)	ND		18	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
tert-Butylbenzene	ND		0.89	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
Tetrachloroethene	ND		0.89	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
Toluene	ND		0.89	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
Trichloroethene	ND		1.8	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
Trichlorofluoromethane	ND		8.9	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
Vinyl acetate	ND		8.9	ug/Kg		11/22/19 18:22	12/04/19 17:07	1
Vinyl chloride	ND		0.89	ug/Kg		11/22/19 18:22	12/04/19 17:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*71 - 155*	*11/22/19 18:22*	*12/04/19 17:07*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*	*11/22/19 18:22*	*12/04/19 17:07*	*1*
Dibromofluoromethane (Surr)	*104*		*79 - 133*	*11/22/19 18:22*	*12/04/19 17:07*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*11/22/19 18:22*	*12/04/19 17:07*	*1*

Client Sample ID: B6-5
Date Collected: 11/21/19 08:25
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-7
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.86	ug/Kg		11/22/19 18:22	12/04/19 17:33	1
1,1,1-Trichloroethane	ND		0.86	ug/Kg		11/22/19 18:22	12/04/19 17:33	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B6-5
Date Collected: 11/21/19 08:25
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-7
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		1.7		ug/Kg		11/22/19 18:22	12/04/19 17:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.6		ug/Kg		11/22/19 18:22	12/04/19 17:33	1
1,1,2-Trichloroethane	ND		0.86		ug/Kg		11/22/19 18:22	12/04/19 17:33	1
1,1-Dichloroethane	ND		0.86		ug/Kg		11/22/19 18:22	12/04/19 17:33	1
1,1-Dichloroethene	ND		0.86		ug/Kg		11/22/19 18:22	12/04/19 17:33	1
1,1-Dichloropropene	ND		1.7		ug/Kg		11/22/19 18:22	12/04/19 17:33	1
1,2,3-Trichlorobenzene	ND		1.7		ug/Kg		11/22/19 18:22	12/04/19 17:33	1
1,2,3-Trichloropropane	ND		1.7		ug/Kg		11/22/19 18:22	12/04/19 17:33	1
1,2,4-Trichlorobenzene	ND		1.7		ug/Kg		11/22/19 18:22	12/04/19 17:33	1
1,2,4-Trimethylbenzene	ND		1.7		ug/Kg		11/22/19 18:22	12/04/19 17:33	1
1,2-Dibromo-3-Chloropropane	ND		8.6		ug/Kg		11/22/19 18:22	12/04/19 17:33	1
1,2-Dibromoethane	ND		0.86		ug/Kg		11/22/19 18:22	12/04/19 17:33	1
1,2-Dichlorobenzene	ND		0.86		ug/Kg		11/22/19 18:22	12/04/19 17:33	1
1,2-Dichloroethane	ND		0.86		ug/Kg		11/22/19 18:22	12/04/19 17:33	1
1,2-Dichloropropane	ND		0.86		ug/Kg		11/22/19 18:22	12/04/19 17:33	1
1,3,5-Trimethylbenzene	ND		1.7		ug/Kg		11/22/19 18:22	12/04/19 17:33	1
1,3-Dichlorobenzene	ND		0.86		ug/Kg		11/22/19 18:22	12/04/19 17:33	1
1,3-Dichloropropane	ND		0.86		ug/Kg		11/22/19 18:22	12/04/19 17:33	1
1,4-Dichlorobenzene	ND		0.86		ug/Kg		11/22/19 18:22	12/04/19 17:33	1
2,2-Dichloropropane	ND		4.3		ug/Kg		11/22/19 18:22	12/04/19 17:33	1
2-Butanone	ND		17		ug/Kg		11/22/19 18:22	12/04/19 17:33	1
2-Chlorotoluene	ND		0.86		ug/Kg		11/22/19 18:22	12/04/19 17:33	1
2-Hexanone	ND		17		ug/Kg		11/22/19 18:22	12/04/19 17:33	1
4-Chlorotoluene	ND		0.86		ug/Kg		11/22/19 18:22	12/04/19 17:33	1
4-Methyl-2-pentanone	ND		17		ug/Kg		11/22/19 18:22	12/04/19 17:33	1
Acetone	ND		43		ug/Kg		11/22/19 18:22	12/04/19 17:33	1
Benzene	ND		0.86		ug/Kg		11/22/19 18:22	12/04/19 17:33	1
Bromobenzene	ND		0.86		ug/Kg		11/22/19 18:22	12/04/19 17:33	1
Bromochloromethane	ND		1.7		ug/Kg		11/22/19 18:22	12/04/19 17:33	1
Bromodichloromethane	ND		0.86		ug/Kg		11/22/19 18:22	12/04/19 17:33	1
Bromoform	ND		4.3		ug/Kg		11/22/19 18:22	12/04/19 17:33	1
Bromomethane	ND		17		ug/Kg		11/22/19 18:22	12/04/19 17:33	1
cis-1,2-Dichloroethene	ND		0.86		ug/Kg		11/22/19 18:22	12/04/19 17:33	1
cis-1,3-Dichloropropene	ND		0.86		ug/Kg		11/22/19 18:22	12/04/19 17:33	1
Carbon disulfide	ND		8.6		ug/Kg		11/22/19 18:22	12/04/19 17:33	1
Carbon tetrachloride	ND		0.86		ug/Kg		11/22/19 18:22	12/04/19 17:33	1
Chlorobenzene	ND		0.86		ug/Kg		11/22/19 18:22	12/04/19 17:33	1
Chloroethane	ND		1.7		ug/Kg		11/22/19 18:22	12/04/19 17:33	1
Chloroform	ND		0.86		ug/Kg		11/22/19 18:22	12/04/19 17:33	1
Chloromethane	ND		17		ug/Kg		11/22/19 18:22	12/04/19 17:33	1
Dibromochloromethane	ND		1.7		ug/Kg		11/22/19 18:22	12/04/19 17:33	1
Dibromomethane	ND		0.86		ug/Kg		11/22/19 18:22	12/04/19 17:33	1
Dichlorodifluoromethane	ND		1.7		ug/Kg		11/22/19 18:22	12/04/19 17:33	1
Di-isopropyl ether (DIPE)	ND		0.86		ug/Kg		11/22/19 18:22	12/04/19 17:33	1
Ethanol	ND		430		ug/Kg		11/22/19 18:22	12/04/19 17:33	1
Ethylbenzene	ND		0.86		ug/Kg		11/22/19 18:22	12/04/19 17:33	1
Ethyl-t-butyl ether (ETBE)	ND		0.86		ug/Kg		11/22/19 18:22	12/04/19 17:33	1
Isopropylbenzene	ND		0.86		ug/Kg		11/22/19 18:22	12/04/19 17:33	1
Methylene Chloride	ND		8.6		ug/Kg		11/22/19 18:22	12/04/19 17:33	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B6-5
Date Collected: 11/21/19 08:25
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-7
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-t-Butyl Ether (MTBE)	ND		1.7	ug/Kg		11/22/19 18:22	12/04/19 17:33	1
Naphthalene	ND		8.6	ug/Kg		11/22/19 18:22	12/04/19 17:33	1
n-Butylbenzene	ND		0.86	ug/Kg		11/22/19 18:22	12/04/19 17:33	1
N-Propylbenzene	ND		1.7	ug/Kg		11/22/19 18:22	12/04/19 17:33	1
o-Xylene	ND		0.86	ug/Kg		11/22/19 18:22	12/04/19 17:33	1
m,p-Xylene	ND		1.7	ug/Kg		11/22/19 18:22	12/04/19 17:33	1
p-Isopropyltoluene	ND		0.86	ug/Kg		11/22/19 18:22	12/04/19 17:33	1
sec-Butylbenzene	ND		0.86	ug/Kg		11/22/19 18:22	12/04/19 17:33	1
Styrene	ND		0.86	ug/Kg		11/22/19 18:22	12/04/19 17:33	1
trans-1,2-Dichloroethene	ND		0.86	ug/Kg		11/22/19 18:22	12/04/19 17:33	1
trans-1,3-Dichloropropene	ND		1.7	ug/Kg		11/22/19 18:22	12/04/19 17:33	1
Tert-amyl-methyl ether (TAME)	ND		0.86	ug/Kg		11/22/19 18:22	12/04/19 17:33	1
tert-Butyl alcohol (TBA)	ND		17	ug/Kg		11/22/19 18:22	12/04/19 17:33	1
tert-Butylbenzene	ND		0.86	ug/Kg		11/22/19 18:22	12/04/19 17:33	1
Tetrachloroethene	ND		0.86	ug/Kg		11/22/19 18:22	12/04/19 17:33	1
Toluene	ND		0.86	ug/Kg		11/22/19 18:22	12/04/19 17:33	1
Trichloroethene	ND		1.7	ug/Kg		11/22/19 18:22	12/04/19 17:33	1
Trichlorofluoromethane	ND		8.6	ug/Kg		11/22/19 18:22	12/04/19 17:33	1
Vinyl acetate	ND		8.6	ug/Kg		11/22/19 18:22	12/04/19 17:33	1
Vinyl chloride	ND		0.86	ug/Kg		11/22/19 18:22	12/04/19 17:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*120*		*71 - 155*	*11/22/19 18:22*	*12/04/19 17:33*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*	*11/22/19 18:22*	*12/04/19 17:33*	*1*
Dibromofluoromethane (Surr)	*98*		*79 - 133*	*11/22/19 18:22*	*12/04/19 17:33*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*11/22/19 18:22*	*12/04/19 17:33*	*1*

Client Sample ID: B6-10
Date Collected: 11/21/19 08:30
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-8
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.80	ug/Kg		11/22/19 18:22	12/04/19 18:00	1
1,1,1-Trichloroethane	ND		0.80	ug/Kg		11/22/19 18:22	12/04/19 18:00	1
1,1,2,2-Tetrachloroethane	ND		1.6	ug/Kg		11/22/19 18:22	12/04/19 18:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.0	ug/Kg		11/22/19 18:22	12/04/19 18:00	1
1,1,2-Trichloroethane	ND		0.80	ug/Kg		11/22/19 18:22	12/04/19 18:00	1
1,1-Dichloroethane	ND		0.80	ug/Kg		11/22/19 18:22	12/04/19 18:00	1
1,1-Dichloroethene	ND		0.80	ug/Kg		11/22/19 18:22	12/04/19 18:00	1
1,1-Dichloropropene	ND		1.6	ug/Kg		11/22/19 18:22	12/04/19 18:00	1
1,2,3-Trichlorobenzene	ND		1.6	ug/Kg		11/22/19 18:22	12/04/19 18:00	1
1,2,3-Trichloropropane	ND		1.6	ug/Kg		11/22/19 18:22	12/04/19 18:00	1
1,2,4-Trichlorobenzene	ND		1.6	ug/Kg		11/22/19 18:22	12/04/19 18:00	1
1,2,4-Trimethylbenzene	ND		1.6	ug/Kg		11/22/19 18:22	12/04/19 18:00	1
1,2-Dibromo-3-Chloropropane	ND		8.0	ug/Kg		11/22/19 18:22	12/04/19 18:00	1
1,2-Dibromoethane	ND		0.80	ug/Kg		11/22/19 18:22	12/04/19 18:00	1
1,2-Dichlorobenzene	ND		0.80	ug/Kg		11/22/19 18:22	12/04/19 18:00	1
1,2-Dichloroethane	ND		0.80	ug/Kg		11/22/19 18:22	12/04/19 18:00	1
1,2-Dichloropropane	ND		0.80	ug/Kg		11/22/19 18:22	12/04/19 18:00	1
1,3,5-Trimethylbenzene	ND		1.6	ug/Kg		11/22/19 18:22	12/04/19 18:00	1
1,3-Dichlorobenzene	ND		0.80	ug/Kg		11/22/19 18:22	12/04/19 18:00	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B6-10
Date Collected: 11/21/19 08:30
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-8
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 18:00	1
1,4-Dichlorobenzene	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 18:00	1
2,2-Dichloropropane	ND		4.0		ug/Kg		11/22/19 18:22	12/04/19 18:00	1
2-Butanone	ND		16		ug/Kg		11/22/19 18:22	12/04/19 18:00	1
2-Chlorotoluene	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 18:00	1
2-Hexanone	ND		16		ug/Kg		11/22/19 18:22	12/04/19 18:00	1
4-Chlorotoluene	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 18:00	1
4-Methyl-2-pentanone	ND		16		ug/Kg		11/22/19 18:22	12/04/19 18:00	1
Acetone	ND		40		ug/Kg		11/22/19 18:22	12/04/19 18:00	1
Benzene	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 18:00	1
Bromobenzene	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 18:00	1
Bromochloromethane	ND		1.6		ug/Kg		11/22/19 18:22	12/04/19 18:00	1
Bromodichloromethane	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 18:00	1
Bromoform	ND		4.0		ug/Kg		11/22/19 18:22	12/04/19 18:00	1
Bromomethane	ND		16		ug/Kg		11/22/19 18:22	12/04/19 18:00	1
cis-1,2-Dichloroethene	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 18:00	1
cis-1,3-Dichloropropene	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 18:00	1
Carbon disulfide	ND		8.0		ug/Kg		11/22/19 18:22	12/04/19 18:00	1
Carbon tetrachloride	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 18:00	1
Chlorobenzene	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 18:00	1
Chloroethane	ND		1.6		ug/Kg		11/22/19 18:22	12/04/19 18:00	1
Chloroform	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 18:00	1
Chloromethane	ND		16		ug/Kg		11/22/19 18:22	12/04/19 18:00	1
Dibromochloromethane	ND		1.6		ug/Kg		11/22/19 18:22	12/04/19 18:00	1
Dibromomethane	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 18:00	1
Dichlorodifluoromethane	ND		1.6		ug/Kg		11/22/19 18:22	12/04/19 18:00	1
Di-isopropyl ether (DIPE)	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 18:00	1
Ethanol	ND		400		ug/Kg		11/22/19 18:22	12/04/19 18:00	1
Ethylbenzene	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 18:00	1
Ethyl-t-butyl ether (ETBE)	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 18:00	1
Isopropylbenzene	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 18:00	1
Methylene Chloride	ND		8.0		ug/Kg		11/22/19 18:22	12/04/19 18:00	1
Methyl-t-Butyl Ether (MTBE)	ND		1.6		ug/Kg		11/22/19 18:22	12/04/19 18:00	1
Naphthalene	ND		8.0		ug/Kg		11/22/19 18:22	12/04/19 18:00	1
n-Butylbenzene	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 18:00	1
N-Propylbenzene	ND		1.6		ug/Kg		11/22/19 18:22	12/04/19 18:00	1
o-Xylene	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 18:00	1
m,p-Xylene	ND		1.6		ug/Kg		11/22/19 18:22	12/04/19 18:00	1
p-Isopropyltoluene	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 18:00	1
sec-Butylbenzene	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 18:00	1
Styrene	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 18:00	1
trans-1,2-Dichloroethene	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 18:00	1
trans-1,3-Dichloropropene	ND		1.6		ug/Kg		11/22/19 18:22	12/04/19 18:00	1
Tert-amyl-methyl ether (TAME)	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 18:00	1
tert-Butyl alcohol (TBA)	ND		16		ug/Kg		11/22/19 18:22	12/04/19 18:00	1
tert-Butylbenzene	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 18:00	1
Tetrachloroethene	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 18:00	1
Toluene	ND		0.80		ug/Kg		11/22/19 18:22	12/04/19 18:00	1
Trichloroethene	ND		1.6		ug/Kg		11/22/19 18:22	12/04/19 18:00	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B6-10
Date Collected: 11/21/19 08:30
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-8
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		8.0	ug/Kg		11/22/19 18:22	12/04/19 18:00	1
Vinyl acetate	ND		8.0	ug/Kg		11/22/19 18:22	12/04/19 18:00	1
Vinyl chloride	ND		0.80	ug/Kg		11/22/19 18:22	12/04/19 18:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*71 - 155*	*11/22/19 18:22*	*12/04/19 18:00*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*	*11/22/19 18:22*	*12/04/19 18:00*	*1*
Dibromofluoromethane (Surr)	*104*		*79 - 133*	*11/22/19 18:22*	*12/04/19 18:00*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*11/22/19 18:22*	*12/04/19 18:00*	*1*

Client Sample ID: B6-15
Date Collected: 11/21/19 08:35
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-9
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.96	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
1,1,1-Trichloroethane	ND		0.96	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
1,1,2,2-Tetrachloroethane	ND		1.9	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.6	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
1,1,2-Trichloroethane	ND		0.96	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
1,1-Dichloroethane	ND		0.96	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
1,1-Dichloroethene	ND		0.96	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
1,1-Dichloropropene	ND		1.9	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
1,2,3-Trichlorobenzene	ND		1.9	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
1,2,3-Trichloropropane	ND		1.9	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
1,2,4-Trichlorobenzene	ND		1.9	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
1,2,4-Trimethylbenzene	ND		1.9	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
1,2-Dibromo-3-Chloropropane	ND		9.6	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
1,2-Dibromoethane	ND		0.96	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
1,2-Dichlorobenzene	ND		0.96	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
1,2-Dichloroethane	ND		0.96	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
1,2-Dichloropropane	ND		0.96	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
1,3,5-Trimethylbenzene	ND		1.9	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
1,3-Dichlorobenzene	ND		0.96	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
1,3-Dichloropropane	ND		0.96	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
1,4-Dichlorobenzene	ND		0.96	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
2,2-Dichloropropane	ND		4.8	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
2-Butanone	ND		19	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
2-Chlorotoluene	ND		0.96	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
2-Hexanone	ND		19	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
4-Chlorotoluene	ND		0.96	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
4-Methyl-2-pentanone	ND		19	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
Acetone	ND		48	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
Benzene	ND		0.96	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
Bromobenzene	ND		0.96	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
Bromochloromethane	ND		1.9	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
Bromodichloromethane	ND		0.96	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
Bromoform	ND		4.8	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
Bromomethane	ND		19	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
cis-1,2-Dichloroethene	ND		0.96	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
cis-1,3-Dichloropropene	ND		0.96	ug/Kg		11/22/19 18:22	12/04/19 18:27	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B6-15
Date Collected: 11/21/19 08:35
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-9
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon disulfide	ND		9.6	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
Carbon tetrachloride	ND		0.96	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
Chlorobenzene	ND		0.96	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
Chloroethane	ND		1.9	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
Chloroform	ND		0.96	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
Chloromethane	ND		19	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
Dibromochloromethane	ND		1.9	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
Dibromomethane	ND		0.96	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
Dichlorodifluoromethane	ND		1.9	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
Di-isopropyl ether (DIPE)	ND		0.96	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
Ethanol	ND		480	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
Ethylbenzene	ND		0.96	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
Ethyl-t-butyl ether (ETBE)	ND		0.96	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
Isopropylbenzene	ND		0.96	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
Methylene Chloride	ND		9.6	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
Methyl-t-Butyl Ether (MTBE)	ND		1.9	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
Naphthalene	ND		9.6	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
n-Butylbenzene	ND		0.96	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
N-Propylbenzene	ND		1.9	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
o-Xylene	ND		0.96	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
m,p-Xylene	ND		1.9	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
p-Isopropyltoluene	ND		0.96	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
sec-Butylbenzene	ND		0.96	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
Styrene	ND		0.96	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
trans-1,2-Dichloroethene	ND		0.96	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
trans-1,3-Dichloropropene	ND		1.9	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
Tert-amyl-methyl ether (TAME)	ND		0.96	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
tert-Butyl alcohol (TBA)	ND		19	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
tert-Butylbenzene	ND		0.96	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
Tetrachloroethene	ND		0.96	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
Toluene	ND		0.96	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
Trichloroethene	ND		1.9	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
Trichlorofluoromethane	ND		9.6	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
Vinyl acetate	ND		9.6	ug/Kg		11/22/19 18:22	12/04/19 18:27	1
Vinyl chloride	ND		0.96	ug/Kg		11/22/19 18:22	12/04/19 18:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*71 - 155*	*11/22/19 18:22*	*12/04/19 18:27*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*	*11/22/19 18:22*	*12/04/19 18:27*	*1*
Dibromofluoromethane (Surr)	*105*		*79 - 133*	*11/22/19 18:22*	*12/04/19 18:27*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*11/22/19 18:22*	*12/04/19 18:27*	*1*

Client Sample ID: B4-5
Date Collected: 11/21/19 09:50
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-13
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	ug/Kg		11/22/19 18:22	12/04/19 18:53	1
1,1,1-Trichloroethane	ND		1.0	ug/Kg		11/22/19 18:22	12/04/19 18:53	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/Kg		11/22/19 18:22	12/04/19 18:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	ug/Kg		11/22/19 18:22	12/04/19 18:53	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B4-5
Date Collected: 11/21/19 09:50
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-13
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2-Trichloroethane	ND		1.0		ug/Kg		11/22/19 18:22	12/04/19 18:53	1
1,1-Dichloroethane	ND		1.0		ug/Kg		11/22/19 18:22	12/04/19 18:53	1
1,1-Dichloroethene	ND		1.0		ug/Kg		11/22/19 18:22	12/04/19 18:53	1
1,1-Dichloropropene	ND		2.0		ug/Kg		11/22/19 18:22	12/04/19 18:53	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		11/22/19 18:22	12/04/19 18:53	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		11/22/19 18:22	12/04/19 18:53	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		11/22/19 18:22	12/04/19 18:53	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		11/22/19 18:22	12/04/19 18:53	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg		11/22/19 18:22	12/04/19 18:53	1
1,2-Dibromoethane	ND		1.0		ug/Kg		11/22/19 18:22	12/04/19 18:53	1
1,2-Dichlorobenzene	ND		1.0		ug/Kg		11/22/19 18:22	12/04/19 18:53	1
1,2-Dichloroethane	ND		1.0		ug/Kg		11/22/19 18:22	12/04/19 18:53	1
1,2-Dichloropropane	ND		1.0		ug/Kg		11/22/19 18:22	12/04/19 18:53	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		11/22/19 18:22	12/04/19 18:53	1
1,3-Dichlorobenzene	ND		1.0		ug/Kg		11/22/19 18:22	12/04/19 18:53	1
1,3-Dichloropropane	ND		1.0		ug/Kg		11/22/19 18:22	12/04/19 18:53	1
1,4-Dichlorobenzene	ND		1.0		ug/Kg		11/22/19 18:22	12/04/19 18:53	1
2,2-Dichloropropane	ND		5.0		ug/Kg		11/22/19 18:22	12/04/19 18:53	1
2-Butanone	ND		20		ug/Kg		11/22/19 18:22	12/04/19 18:53	1
2-Chlorotoluene	ND		1.0		ug/Kg		11/22/19 18:22	12/04/19 18:53	1
2-Hexanone	ND		20		ug/Kg		11/22/19 18:22	12/04/19 18:53	1
4-Chlorotoluene	ND		1.0		ug/Kg		11/22/19 18:22	12/04/19 18:53	1
4-Methyl-2-pentanone	ND		20		ug/Kg		11/22/19 18:22	12/04/19 18:53	1
Acetone	ND		50		ug/Kg		11/22/19 18:22	12/04/19 18:53	1
Benzene	ND		1.0		ug/Kg		11/22/19 18:22	12/04/19 18:53	1
Bromobenzene	ND		1.0		ug/Kg		11/22/19 18:22	12/04/19 18:53	1
Bromochloromethane	ND		2.0		ug/Kg		11/22/19 18:22	12/04/19 18:53	1
Bromodichloromethane	ND		1.0		ug/Kg		11/22/19 18:22	12/04/19 18:53	1
Bromoform	ND		5.0		ug/Kg		11/22/19 18:22	12/04/19 18:53	1
Bromomethane	ND		20		ug/Kg		11/22/19 18:22	12/04/19 18:53	1
cis-1,2-Dichloroethene	ND		1.0		ug/Kg		11/22/19 18:22	12/04/19 18:53	1
cis-1,3-Dichloropropene	ND		1.0		ug/Kg		11/22/19 18:22	12/04/19 18:53	1
Carbon disulfide	ND		10		ug/Kg		11/22/19 18:22	12/04/19 18:53	1
Carbon tetrachloride	ND		1.0		ug/Kg		11/22/19 18:22	12/04/19 18:53	1
Chlorobenzene	ND		1.0		ug/Kg		11/22/19 18:22	12/04/19 18:53	1
Chloroethane	ND		2.0		ug/Kg		11/22/19 18:22	12/04/19 18:53	1
Chloroform	ND		1.0		ug/Kg		11/22/19 18:22	12/04/19 18:53	1
Chloromethane	ND		20		ug/Kg		11/22/19 18:22	12/04/19 18:53	1
Dibromochloromethane	ND		2.0		ug/Kg		11/22/19 18:22	12/04/19 18:53	1
Dibromomethane	ND		1.0		ug/Kg		11/22/19 18:22	12/04/19 18:53	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		11/22/19 18:22	12/04/19 18:53	1
Di-isopropyl ether (DIPE)	ND		1.0		ug/Kg		11/22/19 18:22	12/04/19 18:53	1
Ethanol	ND		500		ug/Kg		11/22/19 18:22	12/04/19 18:53	1
Ethylbenzene	ND		1.0		ug/Kg		11/22/19 18:22	12/04/19 18:53	1
Ethyl-t-butyl ether (ETBE)	ND		1.0		ug/Kg		11/22/19 18:22	12/04/19 18:53	1
Isopropylbenzene	ND		1.0		ug/Kg		11/22/19 18:22	12/04/19 18:53	1
Methylene Chloride	ND		10		ug/Kg		11/22/19 18:22	12/04/19 18:53	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg		11/22/19 18:22	12/04/19 18:53	1
Naphthalene	ND		10		ug/Kg		11/22/19 18:22	12/04/19 18:53	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B4-5
Date Collected: 11/21/19 09:50
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-13
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	ND		1.0	ug/Kg		11/22/19 18:22	12/04/19 18:53	1
N-Propylbenzene	ND		2.0	ug/Kg		11/22/19 18:22	12/04/19 18:53	1
o-Xylene	ND		1.0	ug/Kg		11/22/19 18:22	12/04/19 18:53	1
m,p-Xylene	ND		2.0	ug/Kg		11/22/19 18:22	12/04/19 18:53	1
p-Isopropyltoluene	ND		1.0	ug/Kg		11/22/19 18:22	12/04/19 18:53	1
sec-Butylbenzene	ND		1.0	ug/Kg		11/22/19 18:22	12/04/19 18:53	1
Styrene	ND		1.0	ug/Kg		11/22/19 18:22	12/04/19 18:53	1
trans-1,2-Dichloroethene	ND		1.0	ug/Kg		11/22/19 18:22	12/04/19 18:53	1
trans-1,3-Dichloropropene	ND		2.0	ug/Kg		11/22/19 18:22	12/04/19 18:53	1
Tert-amyl-methyl ether (TAME)	ND		1.0	ug/Kg		11/22/19 18:22	12/04/19 18:53	1
tert-Butyl alcohol (TBA)	ND		20	ug/Kg		11/22/19 18:22	12/04/19 18:53	1
tert-Butylbenzene	ND		1.0	ug/Kg		11/22/19 18:22	12/04/19 18:53	1
Tetrachloroethene	ND		1.0	ug/Kg		11/22/19 18:22	12/04/19 18:53	1
Toluene	ND		1.0	ug/Kg		11/22/19 18:22	12/04/19 18:53	1
Trichloroethene	ND		2.0	ug/Kg		11/22/19 18:22	12/04/19 18:53	1
Trichlorofluoromethane	ND		10	ug/Kg		11/22/19 18:22	12/04/19 18:53	1
Vinyl acetate	ND		10	ug/Kg		11/22/19 18:22	12/04/19 18:53	1
Vinyl chloride	ND		1.0	ug/Kg		11/22/19 18:22	12/04/19 18:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*118*		*71 - 155*	*11/22/19 18:22*	*12/04/19 18:53*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*	*11/22/19 18:22*	*12/04/19 18:53*	*1*
Dibromofluoromethane (Surr)	*100*		*79 - 133*	*11/22/19 18:22*	*12/04/19 18:53*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*11/22/19 18:22*	*12/04/19 18:53*	*1*

Client Sample ID: B4-10
Date Collected: 11/21/19 09:58
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-14
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.75	ug/Kg		11/22/19 18:22	12/04/19 19:20	1
1,1,1-Trichloroethane	ND		0.75	ug/Kg		11/22/19 18:22	12/04/19 19:20	1
1,1,2,2-Tetrachloroethane	ND		1.5	ug/Kg		11/22/19 18:22	12/04/19 19:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7.5	ug/Kg		11/22/19 18:22	12/04/19 19:20	1
1,1,2-Trichloroethane	ND		0.75	ug/Kg		11/22/19 18:22	12/04/19 19:20	1
1,1-Dichloroethane	ND		0.75	ug/Kg		11/22/19 18:22	12/04/19 19:20	1
1,1-Dichloroethene	ND		0.75	ug/Kg		11/22/19 18:22	12/04/19 19:20	1
1,1-Dichloropropene	ND		1.5	ug/Kg		11/22/19 18:22	12/04/19 19:20	1
1,2,3-Trichlorobenzene	ND		1.5	ug/Kg		11/22/19 18:22	12/04/19 19:20	1
1,2,3-Trichloropropane	ND		1.5	ug/Kg		11/22/19 18:22	12/04/19 19:20	1
1,2,4-Trichlorobenzene	ND		1.5	ug/Kg		11/22/19 18:22	12/04/19 19:20	1
1,2,4-Trimethylbenzene	ND		1.5	ug/Kg		11/22/19 18:22	12/04/19 19:20	1
1,2-Dibromo-3-Chloropropane	ND		7.5	ug/Kg		11/22/19 18:22	12/04/19 19:20	1
1,2-Dibromoethane	ND		0.75	ug/Kg		11/22/19 18:22	12/04/19 19:20	1
1,2-Dichlorobenzene	ND		0.75	ug/Kg		11/22/19 18:22	12/04/19 19:20	1
1,2-Dichloroethane	ND		0.75	ug/Kg		11/22/19 18:22	12/04/19 19:20	1
1,2-Dichloropropane	ND		0.75	ug/Kg		11/22/19 18:22	12/04/19 19:20	1
1,3,5-Trimethylbenzene	ND		1.5	ug/Kg		11/22/19 18:22	12/04/19 19:20	1
1,3-Dichlorobenzene	ND		0.75	ug/Kg		11/22/19 18:22	12/04/19 19:20	1
1,3-Dichloropropane	ND		0.75	ug/Kg		11/22/19 18:22	12/04/19 19:20	1
1,4-Dichlorobenzene	ND		0.75	ug/Kg		11/22/19 18:22	12/04/19 19:20	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B4-10
Date Collected: 11/21/19 09:58
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-14
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2,2-Dichloropropane	ND		3.8		ug/Kg		11/22/19 18:22	12/04/19 19:20	1
2-Butanone	ND		15		ug/Kg		11/22/19 18:22	12/04/19 19:20	1
2-Chlorotoluene	ND		0.75		ug/Kg		11/22/19 18:22	12/04/19 19:20	1
2-Hexanone	ND		15		ug/Kg		11/22/19 18:22	12/04/19 19:20	1
4-Chlorotoluene	ND		0.75		ug/Kg		11/22/19 18:22	12/04/19 19:20	1
4-Methyl-2-pentanone	ND		15		ug/Kg		11/22/19 18:22	12/04/19 19:20	1
Acetone	ND		38		ug/Kg		11/22/19 18:22	12/04/19 19:20	1
Benzene	ND		0.75		ug/Kg		11/22/19 18:22	12/04/19 19:20	1
Bromobenzene	ND		0.75		ug/Kg		11/22/19 18:22	12/04/19 19:20	1
Bromochloromethane	ND		1.5		ug/Kg		11/22/19 18:22	12/04/19 19:20	1
Bromodichloromethane	ND		0.75		ug/Kg		11/22/19 18:22	12/04/19 19:20	1
Bromoform	ND		3.8		ug/Kg		11/22/19 18:22	12/04/19 19:20	1
Bromomethane	ND		15		ug/Kg		11/22/19 18:22	12/04/19 19:20	1
cis-1,2-Dichloroethene	ND		0.75		ug/Kg		11/22/19 18:22	12/04/19 19:20	1
cis-1,3-Dichloropropene	ND		0.75		ug/Kg		11/22/19 18:22	12/04/19 19:20	1
Carbon disulfide	ND		7.5		ug/Kg		11/22/19 18:22	12/04/19 19:20	1
Carbon tetrachloride	ND		0.75		ug/Kg		11/22/19 18:22	12/04/19 19:20	1
Chlorobenzene	ND		0.75		ug/Kg		11/22/19 18:22	12/04/19 19:20	1
Chloroethane	ND		1.5		ug/Kg		11/22/19 18:22	12/04/19 19:20	1
Chloroform	ND		0.75		ug/Kg		11/22/19 18:22	12/04/19 19:20	1
Chloromethane	ND		15		ug/Kg		11/22/19 18:22	12/04/19 19:20	1
Dibromochloromethane	ND		1.5		ug/Kg		11/22/19 18:22	12/04/19 19:20	1
Dibromomethane	ND		0.75		ug/Kg		11/22/19 18:22	12/04/19 19:20	1
Dichlorodifluoromethane	ND		1.5		ug/Kg		11/22/19 18:22	12/04/19 19:20	1
Di-isopropyl ether (DIPE)	ND		0.75		ug/Kg		11/22/19 18:22	12/04/19 19:20	1
Ethanol	ND		380		ug/Kg		11/22/19 18:22	12/04/19 19:20	1
Ethylbenzene	ND		0.75		ug/Kg		11/22/19 18:22	12/04/19 19:20	1
Ethyl-t-butyl ether (ETBE)	ND		0.75		ug/Kg		11/22/19 18:22	12/04/19 19:20	1
Isopropylbenzene	ND		0.75		ug/Kg		11/22/19 18:22	12/04/19 19:20	1
Methylene Chloride	ND		7.5		ug/Kg		11/22/19 18:22	12/04/19 19:20	1
Methyl-t-Butyl Ether (MTBE)	ND		1.5		ug/Kg		11/22/19 18:22	12/04/19 19:20	1
Naphthalene	ND		7.5		ug/Kg		11/22/19 18:22	12/04/19 19:20	1
n-Butylbenzene	ND		0.75		ug/Kg		11/22/19 18:22	12/04/19 19:20	1
N-Propylbenzene	ND		1.5		ug/Kg		11/22/19 18:22	12/04/19 19:20	1
o-Xylene	ND		0.75		ug/Kg		11/22/19 18:22	12/04/19 19:20	1
m,p-Xylene	ND		1.5		ug/Kg		11/22/19 18:22	12/04/19 19:20	1
p-Isopropyltoluene	ND		0.75		ug/Kg		11/22/19 18:22	12/04/19 19:20	1
sec-Butylbenzene	ND		0.75		ug/Kg		11/22/19 18:22	12/04/19 19:20	1
Styrene	ND		0.75		ug/Kg		11/22/19 18:22	12/04/19 19:20	1
trans-1,2-Dichloroethene	ND		0.75		ug/Kg		11/22/19 18:22	12/04/19 19:20	1
trans-1,3-Dichloropropene	ND		1.5		ug/Kg		11/22/19 18:22	12/04/19 19:20	1
Tert-amyl-methyl ether (TAME)	ND		0.75		ug/Kg		11/22/19 18:22	12/04/19 19:20	1
tert-Butyl alcohol (TBA)	ND		15		ug/Kg		11/22/19 18:22	12/04/19 19:20	1
tert-Butylbenzene	ND		0.75		ug/Kg		11/22/19 18:22	12/04/19 19:20	1
Tetrachloroethene	ND		0.75		ug/Kg		11/22/19 18:22	12/04/19 19:20	1
Toluene	ND		0.75		ug/Kg		11/22/19 18:22	12/04/19 19:20	1
Trichloroethene	ND		1.5		ug/Kg		11/22/19 18:22	12/04/19 19:20	1
Trichlorofluoromethane	ND		7.5		ug/Kg		11/22/19 18:22	12/04/19 19:20	1
Vinyl acetate	ND		7.5		ug/Kg		11/22/19 18:22	12/04/19 19:20	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B4-10
Date Collected: 11/21/19 09:58
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-14
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl chloride	ND		0.75	ug/Kg		11/22/19 18:22	12/04/19 19:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*71 - 155*	*11/22/19 18:22*	*12/04/19 19:20*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*	*11/22/19 18:22*	*12/04/19 19:20*	*1*
Dibromofluoromethane (Surr)	*104*		*79 - 133*	*11/22/19 18:22*	*12/04/19 19:20*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*	*11/22/19 18:22*	*12/04/19 19:20*	*1*

Client Sample ID: B4-15
Date Collected: 11/21/19 10:03
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-15
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.4	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
1,1,1-Trichloroethane	ND		1.4	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
1,1,2,2-Tetrachloroethane	ND		2.8	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		14	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
1,1,2-Trichloroethane	ND		1.4	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
1,1-Dichloroethane	ND		1.4	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
1,1-Dichloroethene	ND		1.4	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
1,1-Dichloropropene	ND		2.8	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
1,2,3-Trichlorobenzene	ND		2.8	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
1,2,3-Trichloropropane	ND		2.8	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
1,2,4-Trichlorobenzene	ND		2.8	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
1,2,4-Trimethylbenzene	ND		2.8	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
1,2-Dibromo-3-Chloropropane	ND		14	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
1,2-Dibromoethane	ND		1.4	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
1,2-Dichlorobenzene	ND		1.4	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
1,2-Dichloroethane	ND		1.4	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
1,2-Dichloropropane	ND		1.4	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
1,3,5-Trimethylbenzene	ND		2.8	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
1,3-Dichlorobenzene	ND		1.4	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
1,3-Dichloropropane	ND		1.4	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
1,4-Dichlorobenzene	ND		1.4	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
2,2-Dichloropropane	ND		7.0	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
2-Butanone	ND		28	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
2-Chlorotoluene	ND		1.4	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
2-Hexanone	ND		28	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
4-Chlorotoluene	ND		1.4	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
4-Methyl-2-pentanone	ND		28	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
Acetone	ND		70	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
Benzene	ND		1.4	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
Bromobenzene	ND		1.4	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
Bromochloromethane	ND		2.8	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
Bromodichloromethane	ND		1.4	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
Bromoform	ND		7.0	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
Bromomethane	ND		28	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
cis-1,2-Dichloroethene	ND		1.4	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
cis-1,3-Dichloropropene	ND		1.4	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
Carbon disulfide	ND		14	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
Carbon tetrachloride	ND		1.4	ug/Kg		11/22/19 18:22	12/04/19 19:47	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B4-15
Date Collected: 11/21/19 10:03
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-15
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	ND		1.4	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
Chloroethane	ND		2.8	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
Chloroform	ND		1.4	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
Chloromethane	ND		28	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
Dibromochloromethane	ND		2.8	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
Dibromomethane	ND		1.4	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
Dichlorodifluoromethane	ND		2.8	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
Di-isopropyl ether (DIPE)	ND		1.4	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
Ethanol	ND		700	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
Ethylbenzene	ND		1.4	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
Ethyl-t-butyl ether (ETBE)	ND		1.4	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
Isopropylbenzene	ND		1.4	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
Methylene Chloride	ND		14	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
Methyl-t-Butyl Ether (MTBE)	ND		2.8	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
Naphthalene	ND		14	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
n-Butylbenzene	ND		1.4	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
N-Propylbenzene	ND		2.8	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
o-Xylene	ND		1.4	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
m,p-Xylene	ND		2.8	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
p-Isopropyltoluene	ND		1.4	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
sec-Butylbenzene	ND		1.4	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
Styrene	ND		1.4	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
trans-1,2-Dichloroethene	ND		1.4	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
trans-1,3-Dichloropropene	ND		2.8	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
Tert-amyl-methyl ether (TAME)	ND		1.4	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
tert-Butyl alcohol (TBA)	ND		28	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
tert-Butylbenzene	ND		1.4	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
Tetrachloroethene	ND		1.4	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
Toluene	ND		1.4	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
Trichloroethene	ND		2.8	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
Trichlorofluoromethane	ND		14	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
Vinyl acetate	ND		14	ug/Kg		11/22/19 18:22	12/04/19 19:47	1
Vinyl chloride	ND		1.4	ug/Kg		11/22/19 18:22	12/04/19 19:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*71 - 155*	*11/22/19 18:22*	*12/04/19 19:47*	*1*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*	*11/22/19 18:22*	*12/04/19 19:47*	*1*
Dibromofluoromethane (Surr)	*100*		*79 - 133*	*11/22/19 18:22*	*12/04/19 19:47*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*11/22/19 18:22*	*12/04/19 19:47*	*1*

Client Sample ID: B7-5
Date Collected: 11/21/19 10:57
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-19
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 20:13	1
1,1,1-Trichloroethane	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 20:13	1
1,1,2,2-Tetrachloroethane	ND		1.6	ug/Kg		11/22/19 18:22	12/04/19 20:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7.9	ug/Kg		11/22/19 18:22	12/04/19 20:13	1
1,1,2-Trichloroethane	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 20:13	1
1,1-Dichloroethane	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 20:13	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B7-5
Date Collected: 11/21/19 10:57
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-19
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		0.79		ug/Kg		11/22/19 18:22	12/04/19 20:13	1
1,1-Dichloropropene	ND		1.6		ug/Kg		11/22/19 18:22	12/04/19 20:13	1
1,2,3-Trichlorobenzene	ND		1.6		ug/Kg		11/22/19 18:22	12/04/19 20:13	1
1,2,3-Trichloropropane	ND		1.6		ug/Kg		11/22/19 18:22	12/04/19 20:13	1
1,2,4-Trichlorobenzene	ND		1.6		ug/Kg		11/22/19 18:22	12/04/19 20:13	1
1,2,4-Trimethylbenzene	ND		1.6		ug/Kg		11/22/19 18:22	12/04/19 20:13	1
1,2-Dibromo-3-Chloropropane	ND		7.9		ug/Kg		11/22/19 18:22	12/04/19 20:13	1
1,2-Dibromoethane	ND		0.79		ug/Kg		11/22/19 18:22	12/04/19 20:13	1
1,2-Dichlorobenzene	ND		0.79		ug/Kg		11/22/19 18:22	12/04/19 20:13	1
1,2-Dichloroethane	ND		0.79		ug/Kg		11/22/19 18:22	12/04/19 20:13	1
1,2-Dichloropropane	ND		0.79		ug/Kg		11/22/19 18:22	12/04/19 20:13	1
1,3,5-Trimethylbenzene	ND		1.6		ug/Kg		11/22/19 18:22	12/04/19 20:13	1
1,3-Dichlorobenzene	ND		0.79		ug/Kg		11/22/19 18:22	12/04/19 20:13	1
1,3-Dichloropropane	ND		0.79		ug/Kg		11/22/19 18:22	12/04/19 20:13	1
1,4-Dichlorobenzene	ND		0.79		ug/Kg		11/22/19 18:22	12/04/19 20:13	1
2,2-Dichloropropane	ND		4.0		ug/Kg		11/22/19 18:22	12/04/19 20:13	1
2-Butanone	ND		16		ug/Kg		11/22/19 18:22	12/04/19 20:13	1
2-Chlorotoluene	ND		0.79		ug/Kg		11/22/19 18:22	12/04/19 20:13	1
2-Hexanone	ND		16		ug/Kg		11/22/19 18:22	12/04/19 20:13	1
4-Chlorotoluene	ND		0.79		ug/Kg		11/22/19 18:22	12/04/19 20:13	1
4-Methyl-2-pentanone	ND		16		ug/Kg		11/22/19 18:22	12/04/19 20:13	1
Acetone	ND		40		ug/Kg		11/22/19 18:22	12/04/19 20:13	1
Benzene	ND		0.79		ug/Kg		11/22/19 18:22	12/04/19 20:13	1
Bromobenzene	ND		0.79		ug/Kg		11/22/19 18:22	12/04/19 20:13	1
Bromochloromethane	ND		1.6		ug/Kg		11/22/19 18:22	12/04/19 20:13	1
Bromodichloromethane	ND		0.79		ug/Kg		11/22/19 18:22	12/04/19 20:13	1
Bromoform	ND		4.0		ug/Kg		11/22/19 18:22	12/04/19 20:13	1
Bromomethane	ND		16		ug/Kg		11/22/19 18:22	12/04/19 20:13	1
cis-1,2-Dichloroethene	ND		0.79		ug/Kg		11/22/19 18:22	12/04/19 20:13	1
cis-1,3-Dichloropropene	ND		0.79		ug/Kg		11/22/19 18:22	12/04/19 20:13	1
Carbon disulfide	ND		7.9		ug/Kg		11/22/19 18:22	12/04/19 20:13	1
Carbon tetrachloride	ND		0.79		ug/Kg		11/22/19 18:22	12/04/19 20:13	1
Chlorobenzene	ND		0.79		ug/Kg		11/22/19 18:22	12/04/19 20:13	1
Chloroethane	ND		1.6		ug/Kg		11/22/19 18:22	12/04/19 20:13	1
Chloroform	ND		0.79		ug/Kg		11/22/19 18:22	12/04/19 20:13	1
Chloromethane	ND		16		ug/Kg		11/22/19 18:22	12/04/19 20:13	1
Dibromochloromethane	ND		1.6		ug/Kg		11/22/19 18:22	12/04/19 20:13	1
Dibromomethane	ND		0.79		ug/Kg		11/22/19 18:22	12/04/19 20:13	1
Dichlorodifluoromethane	ND		1.6		ug/Kg		11/22/19 18:22	12/04/19 20:13	1
Di-isopropyl ether (DIPE)	ND		0.79		ug/Kg		11/22/19 18:22	12/04/19 20:13	1
Ethanol	ND		400		ug/Kg		11/22/19 18:22	12/04/19 20:13	1
Ethylbenzene	ND		0.79		ug/Kg		11/22/19 18:22	12/04/19 20:13	1
Ethyl-t-butyl ether (ETBE)	ND		0.79		ug/Kg		11/22/19 18:22	12/04/19 20:13	1
Isopropylbenzene	ND		0.79		ug/Kg		11/22/19 18:22	12/04/19 20:13	1
Methylene Chloride	ND		7.9		ug/Kg		11/22/19 18:22	12/04/19 20:13	1
Methyl-t-Butyl Ether (MTBE)	ND		1.6		ug/Kg		11/22/19 18:22	12/04/19 20:13	1
Naphthalene	ND		7.9		ug/Kg		11/22/19 18:22	12/04/19 20:13	1
n-Butylbenzene	ND		0.79		ug/Kg		11/22/19 18:22	12/04/19 20:13	1
N-Propylbenzene	ND		1.6		ug/Kg		11/22/19 18:22	12/04/19 20:13	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B7-5
Date Collected: 11/21/19 10:57
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-19
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 20:13	1
m,p-Xylene	ND		1.6	ug/Kg		11/22/19 18:22	12/04/19 20:13	1
p-Isopropyltoluene	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 20:13	1
sec-Butylbenzene	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 20:13	1
Styrene	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 20:13	1
trans-1,2-Dichloroethene	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 20:13	1
trans-1,3-Dichloropropene	ND		1.6	ug/Kg		11/22/19 18:22	12/04/19 20:13	1
Tert-amyl-methyl ether (TAME)	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 20:13	1
tert-Butyl alcohol (TBA)	ND		16	ug/Kg		11/22/19 18:22	12/04/19 20:13	1
tert-Butylbenzene	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 20:13	1
Tetrachloroethene	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 20:13	1
Toluene	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 20:13	1
Trichloroethene	ND		1.6	ug/Kg		11/22/19 18:22	12/04/19 20:13	1
Trichlorofluoromethane	ND		7.9	ug/Kg		11/22/19 18:22	12/04/19 20:13	1
Vinyl acetate	ND		7.9	ug/Kg		11/22/19 18:22	12/04/19 20:13	1
Vinyl chloride	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 20:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*71 - 155*	*11/22/19 18:22*	*12/04/19 20:13*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*	*11/22/19 18:22*	*12/04/19 20:13*	*1*
Dibromofluoromethane (Surr)	*107*		*79 - 133*	*11/22/19 18:22*	*12/04/19 20:13*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*11/22/19 18:22*	*12/04/19 20:13*	*1*

Client Sample ID: B7-10
Date Collected: 11/21/19 11:00
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-20
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.85	ug/Kg		11/22/19 18:22	12/04/19 15:20	1
1,1,1-Trichloroethane	ND		0.85	ug/Kg		11/22/19 18:22	12/04/19 15:20	1
1,1,2,2-Tetrachloroethane	ND		1.7	ug/Kg		11/22/19 18:22	12/04/19 15:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.5	ug/Kg		11/22/19 18:22	12/04/19 15:20	1
1,1,2-Trichloroethane	ND		0.85	ug/Kg		11/22/19 18:22	12/04/19 15:20	1
1,1-Dichloroethane	ND		0.85	ug/Kg		11/22/19 18:22	12/04/19 15:20	1
1,1-Dichloroethene	ND		0.85	ug/Kg		11/22/19 18:22	12/04/19 15:20	1
1,1-Dichloropropene	ND		1.7	ug/Kg		11/22/19 18:22	12/04/19 15:20	1
1,2,3-Trichlorobenzene	ND		1.7	ug/Kg		11/22/19 18:22	12/04/19 15:20	1
1,2,3-Trichloropropane	ND		1.7	ug/Kg		11/22/19 18:22	12/04/19 15:20	1
1,2,4-Trichlorobenzene	ND		1.7	ug/Kg		11/22/19 18:22	12/04/19 15:20	1
1,2,4-Trimethylbenzene	ND		1.7	ug/Kg		11/22/19 18:22	12/04/19 15:20	1
1,2-Dibromo-3-Chloropropane	ND		8.5	ug/Kg		11/22/19 18:22	12/04/19 15:20	1
1,2-Dibromoethane	ND		0.85	ug/Kg		11/22/19 18:22	12/04/19 15:20	1
1,2-Dichlorobenzene	ND		0.85	ug/Kg		11/22/19 18:22	12/04/19 15:20	1
1,2-Dichloroethane	ND		0.85	ug/Kg		11/22/19 18:22	12/04/19 15:20	1
1,2-Dichloropropane	ND		0.85	ug/Kg		11/22/19 18:22	12/04/19 15:20	1
1,3,5-Trimethylbenzene	ND		1.7	ug/Kg		11/22/19 18:22	12/04/19 15:20	1
1,3-Dichlorobenzene	ND		0.85	ug/Kg		11/22/19 18:22	12/04/19 15:20	1
1,3-Dichloropropane	ND		0.85	ug/Kg		11/22/19 18:22	12/04/19 15:20	1
1,4-Dichlorobenzene	ND		0.85	ug/Kg		11/22/19 18:22	12/04/19 15:20	1
2,2-Dichloropropane	ND		4.3	ug/Kg		11/22/19 18:22	12/04/19 15:20	1
2-Butanone	ND		17	ug/Kg		11/22/19 18:22	12/04/19 15:20	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B7-10
Date Collected: 11/21/19 11:00
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-20
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorotoluene	ND		0.85		ug/Kg		11/22/19 18:22	12/04/19 15:20	1
2-Hexanone	ND		17		ug/Kg		11/22/19 18:22	12/04/19 15:20	1
4-Chlorotoluene	ND		0.85		ug/Kg		11/22/19 18:22	12/04/19 15:20	1
4-Methyl-2-pentanone	ND		17		ug/Kg		11/22/19 18:22	12/04/19 15:20	1
Acetone	ND		43		ug/Kg		11/22/19 18:22	12/04/19 15:20	1
Benzene	**0.91**		0.85		ug/Kg		11/22/19 18:22	12/04/19 15:20	1
Bromobenzene	ND		0.85		ug/Kg		11/22/19 18:22	12/04/19 15:20	1
Bromochloromethane	ND		1.7		ug/Kg		11/22/19 18:22	12/04/19 15:20	1
Bromodichloromethane	ND		0.85		ug/Kg		11/22/19 18:22	12/04/19 15:20	1
Bromoform	ND		4.3		ug/Kg		11/22/19 18:22	12/04/19 15:20	1
Bromomethane	ND		17		ug/Kg		11/22/19 18:22	12/04/19 15:20	1
cis-1,2-Dichloroethene	ND		0.85		ug/Kg		11/22/19 18:22	12/04/19 15:20	1
cis-1,3-Dichloropropene	ND		0.85		ug/Kg		11/22/19 18:22	12/04/19 15:20	1
Carbon disulfide	ND		8.5		ug/Kg		11/22/19 18:22	12/04/19 15:20	1
Carbon tetrachloride	ND		0.85		ug/Kg		11/22/19 18:22	12/04/19 15:20	1
Chlorobenzene	ND		0.85		ug/Kg		11/22/19 18:22	12/04/19 15:20	1
Chloroethane	ND		1.7		ug/Kg		11/22/19 18:22	12/04/19 15:20	1
Chloroform	ND		0.85		ug/Kg		11/22/19 18:22	12/04/19 15:20	1
Chloromethane	ND		17		ug/Kg		11/22/19 18:22	12/04/19 15:20	1
Dibromochloromethane	ND		1.7		ug/Kg		11/22/19 18:22	12/04/19 15:20	1
Dibromomethane	ND		0.85		ug/Kg		11/22/19 18:22	12/04/19 15:20	1
Dichlorodifluoromethane	ND		1.7		ug/Kg		11/22/19 18:22	12/04/19 15:20	1
Di-isopropyl ether (DIPE)	ND		0.85		ug/Kg		11/22/19 18:22	12/04/19 15:20	1
Ethanol	ND		430		ug/Kg		11/22/19 18:22	12/04/19 15:20	1
Ethylbenzene	ND		0.85		ug/Kg		11/22/19 18:22	12/04/19 15:20	1
Ethyl-t-butyl ether (ETBE)	ND		0.85		ug/Kg		11/22/19 18:22	12/04/19 15:20	1
Isopropylbenzene	ND		0.85		ug/Kg		11/22/19 18:22	12/04/19 15:20	1
Methylene Chloride	ND		8.5		ug/Kg		11/22/19 18:22	12/04/19 15:20	1
Methyl-t-Butyl Ether (MTBE)	ND		1.7		ug/Kg		11/22/19 18:22	12/04/19 15:20	1
Naphthalene	ND		8.5		ug/Kg		11/22/19 18:22	12/04/19 15:20	1
n-Butylbenzene	ND		0.85		ug/Kg		11/22/19 18:22	12/04/19 15:20	1
N-Propylbenzene	ND		1.7		ug/Kg		11/22/19 18:22	12/04/19 15:20	1
o-Xylene	ND		0.85		ug/Kg		11/22/19 18:22	12/04/19 15:20	1
m,p-Xylene	ND		1.7		ug/Kg		11/22/19 18:22	12/04/19 15:20	1
p-Isopropyltoluene	ND		0.85		ug/Kg		11/22/19 18:22	12/04/19 15:20	1
sec-Butylbenzene	ND		0.85		ug/Kg		11/22/19 18:22	12/04/19 15:20	1
Styrene	ND		0.85		ug/Kg		11/22/19 18:22	12/04/19 15:20	1
trans-1,2-Dichloroethene	ND		0.85		ug/Kg		11/22/19 18:22	12/04/19 15:20	1
trans-1,3-Dichloropropene	ND		1.7		ug/Kg		11/22/19 18:22	12/04/19 15:20	1
Tert-amyl-methyl ether (TAME)	ND		0.85		ug/Kg		11/22/19 18:22	12/04/19 15:20	1
tert-Butyl alcohol (TBA)	ND		17		ug/Kg		11/22/19 18:22	12/04/19 15:20	1
tert-Butylbenzene	ND		0.85		ug/Kg		11/22/19 18:22	12/04/19 15:20	1
Tetrachloroethene	ND		0.85		ug/Kg		11/22/19 18:22	12/04/19 15:20	1
Toluene	**0.85**		0.85		ug/Kg		11/22/19 18:22	12/04/19 15:20	1
Trichloroethene	ND		1.7		ug/Kg		11/22/19 18:22	12/04/19 15:20	1
Trichlorofluoromethane	ND		8.5		ug/Kg		11/22/19 18:22	12/04/19 15:20	1
Vinyl acetate	ND		8.5		ug/Kg		11/22/19 18:22	12/04/19 15:20	1
Vinyl chloride	ND		0.85		ug/Kg		11/22/19 18:22	12/04/19 15:20	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	114		71 - 155	11/22/19 18:22	12/04/19 15:20	1
4-Bromofluorobenzene (Surr)	102		80 - 120	11/22/19 18:22	12/04/19 15:20	1
Dibromofluoromethane (Surr)	107		79 - 133	11/22/19 18:22	12/04/19 15:20	1
Toluene-d8 (Surr)	99		80 - 120	11/22/19 18:22	12/04/19 15:20	1

Client Sample ID: B7-15
Date Collected: 11/21/19 11:05
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-21
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.84	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
1,1,1-Trichloroethane	ND		0.84	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
1,1,2,2-Tetrachloroethane	ND		1.7	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.4	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
1,1,2-Trichloroethane	ND		0.84	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
1,1-Dichloroethane	ND		0.84	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
1,1-Dichloroethene	ND		0.84	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
1,1-Dichloropropene	ND		1.7	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
1,2,3-Trichlorobenzene	ND		1.7	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
1,2,3-Trichloropropane	ND		1.7	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
1,2,4-Trichlorobenzene	ND		1.7	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
1,2,4-Trimethylbenzene	ND		1.7	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
1,2-Dibromo-3-Chloropropane	ND		8.4	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
1,2-Dibromoethane	ND		0.84	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
1,2-Dichlorobenzene	ND		0.84	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
1,2-Dichloroethane	ND		0.84	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
1,2-Dichloropropane	ND		0.84	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
1,3,5-Trimethylbenzene	ND		1.7	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
1,3-Dichlorobenzene	ND		0.84	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
1,3-Dichloropropane	ND		0.84	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
1,4-Dichlorobenzene	ND		0.84	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
2,2-Dichloropropane	ND		4.2	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
2-Butanone	ND		17	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
2-Chlorotoluene	ND		0.84	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
2-Hexanone	ND		17	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
4-Chlorotoluene	ND		0.84	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
4-Methyl-2-pentanone	ND		17	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
Acetone	ND		42	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
Benzene	ND		0.84	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
Bromobenzene	ND		0.84	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
Bromochloromethane	ND		1.7	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
Bromodichloromethane	ND		0.84	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
Bromoform	ND		4.2	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
Bromomethane	ND		17	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
cis-1,2-Dichloroethene	ND		0.84	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
cis-1,3-Dichloropropene	ND		0.84	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
Carbon disulfide	ND		8.4	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
Carbon tetrachloride	ND		0.84	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
Chlorobenzene	ND		0.84	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
Chloroethane	ND		1.7	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
Chloroform	ND		0.84	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
Chloromethane	ND		17	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
Dibromochloromethane	ND		1.7	ug/Kg		11/22/19 18:22	12/04/19 15:46	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B7-15
Date Collected: 11/21/19 11:05
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-21
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromomethane	ND		0.84	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
Dichlorodifluoromethane	ND		1.7	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
Di-isopropyl ether (DIPE)	ND		0.84	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
Ethanol	ND		420	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
Ethylbenzene	ND		0.84	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
Ethyl-t-butyl ether (ETBE)	ND		0.84	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
Isopropylbenzene	ND		0.84	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
Methylene Chloride	ND		8.4	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
Methyl-t-Butyl Ether (MTBE)	ND		1.7	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
Naphthalene	ND		8.4	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
n-Butylbenzene	ND		0.84	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
N-Propylbenzene	ND		1.7	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
o-Xylene	ND		0.84	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
m,p-Xylene	ND		1.7	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
p-Isopropyltoluene	ND		0.84	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
sec-Butylbenzene	ND		0.84	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
Styrene	ND		0.84	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
trans-1,2-Dichloroethene	ND		0.84	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
trans-1,3-Dichloropropene	ND		1.7	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
Tert-amyl-methyl ether (TAME)	ND		0.84	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
tert-Butyl alcohol (TBA)	ND		17	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
tert-Butylbenzene	ND		0.84	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
Tetrachloroethene	ND		0.84	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
Toluene	ND		0.84	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
Trichloroethene	ND		1.7	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
Trichlorofluoromethane	ND		8.4	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
Vinyl acetate	ND		8.4	ug/Kg		11/22/19 18:22	12/04/19 15:46	1
Vinyl chloride	ND		0.84	ug/Kg		11/22/19 18:22	12/04/19 15:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*71 - 155*	*11/22/19 18:22*	*12/04/19 15:46*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*	*11/22/19 18:22*	*12/04/19 15:46*	*1*
Dibromofluoromethane (Surr)	*107*		*79 - 133*	*11/22/19 18:22*	*12/04/19 15:46*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*11/22/19 18:22*	*12/04/19 15:46*	*1*

Client Sample ID: B8-5
Date Collected: 11/21/19 11:50
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-25
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.82	ug/Kg		11/22/19 18:22	12/04/19 16:39	1
1,1,1-Trichloroethane	ND		0.82	ug/Kg		11/22/19 18:22	12/04/19 16:39	1
1,1,2,2-Tetrachloroethane	ND		1.6	ug/Kg		11/22/19 18:22	12/04/19 16:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		8.2	ug/Kg		11/22/19 18:22	12/04/19 16:39	1
1,1,2-Trichloroethane	ND		0.82	ug/Kg		11/22/19 18:22	12/04/19 16:39	1
1,1-Dichloroethane	ND		0.82	ug/Kg		11/22/19 18:22	12/04/19 16:39	1
1,1-Dichloroethene	ND		0.82	ug/Kg		11/22/19 18:22	12/04/19 16:39	1
1,1-Dichloropropene	ND		1.6	ug/Kg		11/22/19 18:22	12/04/19 16:39	1
1,2,3-Trichlorobenzene	ND		1.6	ug/Kg		11/22/19 18:22	12/04/19 16:39	1
1,2,3-Trichloropropane	ND		1.6	ug/Kg		11/22/19 18:22	12/04/19 16:39	1
1,2,4-Trichlorobenzene	ND		1.6	ug/Kg		11/22/19 18:22	12/04/19 16:39	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B8-5
Date Collected: 11/21/19 11:50
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-25
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trimethylbenzene	ND		1.6		ug/Kg		11/22/19 18:22	12/04/19 16:39	1
1,2-Dibromo-3-Chloropropane	ND		8.2		ug/Kg		11/22/19 18:22	12/04/19 16:39	1
1,2-Dibromoethane	ND		0.82		ug/Kg		11/22/19 18:22	12/04/19 16:39	1
1,2-Dichlorobenzene	ND		0.82		ug/Kg		11/22/19 18:22	12/04/19 16:39	1
1,2-Dichloroethane	ND		0.82		ug/Kg		11/22/19 18:22	12/04/19 16:39	1
1,2-Dichloropropane	ND		0.82		ug/Kg		11/22/19 18:22	12/04/19 16:39	1
1,3,5-Trimethylbenzene	ND		1.6		ug/Kg		11/22/19 18:22	12/04/19 16:39	1
1,3-Dichlorobenzene	ND		0.82		ug/Kg		11/22/19 18:22	12/04/19 16:39	1
1,3-Dichloropropane	ND		0.82		ug/Kg		11/22/19 18:22	12/04/19 16:39	1
1,4-Dichlorobenzene	ND		0.82		ug/Kg		11/22/19 18:22	12/04/19 16:39	1
2,2-Dichloropropane	ND		4.1		ug/Kg		11/22/19 18:22	12/04/19 16:39	1
2-Butanone	ND		16		ug/Kg		11/22/19 18:22	12/04/19 16:39	1
2-Chlorotoluene	ND		0.82		ug/Kg		11/22/19 18:22	12/04/19 16:39	1
2-Hexanone	ND		16		ug/Kg		11/22/19 18:22	12/04/19 16:39	1
4-Chlorotoluene	ND		0.82		ug/Kg		11/22/19 18:22	12/04/19 16:39	1
4-Methyl-2-pentanone	ND		16		ug/Kg		11/22/19 18:22	12/04/19 16:39	1
Acetone	ND		41		ug/Kg		11/22/19 18:22	12/04/19 16:39	1
Benzene	**0.96**		0.82		ug/Kg		11/22/19 18:22	12/04/19 16:39	1
Bromobenzene	ND		0.82		ug/Kg		11/22/19 18:22	12/04/19 16:39	1
Bromochloromethane	ND		1.6		ug/Kg		11/22/19 18:22	12/04/19 16:39	1
Bromodichloromethane	ND		0.82		ug/Kg		11/22/19 18:22	12/04/19 16:39	1
Bromoform	ND		4.1		ug/Kg		11/22/19 18:22	12/04/19 16:39	1
Bromomethane	ND		16		ug/Kg		11/22/19 18:22	12/04/19 16:39	1
cis-1,2-Dichloroethene	ND		0.82		ug/Kg		11/22/19 18:22	12/04/19 16:39	1
cis-1,3-Dichloropropene	ND		0.82		ug/Kg		11/22/19 18:22	12/04/19 16:39	1
Carbon disulfide	ND		8.2		ug/Kg		11/22/19 18:22	12/04/19 16:39	1
Carbon tetrachloride	ND		0.82		ug/Kg		11/22/19 18:22	12/04/19 16:39	1
Chlorobenzene	ND		0.82		ug/Kg		11/22/19 18:22	12/04/19 16:39	1
Chloroethane	ND		1.6		ug/Kg		11/22/19 18:22	12/04/19 16:39	1
Chloroform	ND		0.82		ug/Kg		11/22/19 18:22	12/04/19 16:39	1
Chloromethane	ND		16		ug/Kg		11/22/19 18:22	12/04/19 16:39	1
Dibromochloromethane	ND		1.6		ug/Kg		11/22/19 18:22	12/04/19 16:39	1
Dibromomethane	ND		0.82		ug/Kg		11/22/19 18:22	12/04/19 16:39	1
Dichlorodifluoromethane	ND		1.6		ug/Kg		11/22/19 18:22	12/04/19 16:39	1
Di-isopropyl ether (DIPE)	ND		0.82		ug/Kg		11/22/19 18:22	12/04/19 16:39	1
Ethanol	ND		410		ug/Kg		11/22/19 18:22	12/04/19 16:39	1
Ethylbenzene	ND		0.82		ug/Kg		11/22/19 18:22	12/04/19 16:39	1
Ethyl-t-butyl ether (ETBE)	ND		0.82		ug/Kg		11/22/19 18:22	12/04/19 16:39	1
Isopropylbenzene	ND		0.82		ug/Kg		11/22/19 18:22	12/04/19 16:39	1
Methylene Chloride	ND		8.2		ug/Kg		11/22/19 18:22	12/04/19 16:39	1
Methyl-t-Butyl Ether (MTBE)	ND		1.6		ug/Kg		11/22/19 18:22	12/04/19 16:39	1
Naphthalene	ND		8.2		ug/Kg		11/22/19 18:22	12/04/19 16:39	1
n-Butylbenzene	ND		0.82		ug/Kg		11/22/19 18:22	12/04/19 16:39	1
N-Propylbenzene	ND		1.6		ug/Kg		11/22/19 18:22	12/04/19 16:39	1
o-Xylene	ND		0.82		ug/Kg		11/22/19 18:22	12/04/19 16:39	1
m,p-Xylene	ND		1.6		ug/Kg		11/22/19 18:22	12/04/19 16:39	1
p-Isopropyltoluene	ND		0.82		ug/Kg		11/22/19 18:22	12/04/19 16:39	1
sec-Butylbenzene	ND		0.82		ug/Kg		11/22/19 18:22	12/04/19 16:39	1
Styrene	ND		0.82		ug/Kg		11/22/19 18:22	12/04/19 16:39	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B8-5
Date Collected: 11/21/19 11:50
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-25
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		0.82	ug/Kg		11/22/19 18:22	12/04/19 16:39	1
trans-1,3-Dichloropropene	ND		1.6	ug/Kg		11/22/19 18:22	12/04/19 16:39	1
Tert-amyl-methyl ether (TAME)	ND		0.82	ug/Kg		11/22/19 18:22	12/04/19 16:39	1
tert-Butyl alcohol (TBA)	ND		16	ug/Kg		11/22/19 18:22	12/04/19 16:39	1
tert-Butylbenzene	ND		0.82	ug/Kg		11/22/19 18:22	12/04/19 16:39	1
Tetrachloroethene	ND		0.82	ug/Kg		11/22/19 18:22	12/04/19 16:39	1
Toluene	**2.2**		0.82	ug/Kg		11/22/19 18:22	12/04/19 16:39	1
Trichloroethene	ND		1.6	ug/Kg		11/22/19 18:22	12/04/19 16:39	1
Trichlorofluoromethane	ND		8.2	ug/Kg		11/22/19 18:22	12/04/19 16:39	1
Vinyl acetate	ND		8.2	ug/Kg		11/22/19 18:22	12/04/19 16:39	1
Vinyl chloride	ND		0.82	ug/Kg		11/22/19 18:22	12/04/19 16:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*112*		*71 - 155*	*11/22/19 18:22*	*12/04/19 16:39*	*1*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*	*11/22/19 18:22*	*12/04/19 16:39*	*1*
Dibromofluoromethane (Surr)	*105*		*79 - 133*	*11/22/19 18:22*	*12/04/19 16:39*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*11/22/19 18:22*	*12/04/19 16:39*	*1*

Client Sample ID: B8-10
Date Collected: 11/21/19 11:54
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-26
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.76	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
1,1,1-Trichloroethane	ND		0.76	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
1,1,2,2-Tetrachloroethane	ND		1.5	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7.6	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
1,1,2-Trichloroethane	ND		0.76	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
1,1-Dichloroethane	ND		0.76	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
1,1-Dichloroethene	ND		0.76	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
1,1-Dichloropropene	ND		1.5	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
1,2,3-Trichlorobenzene	ND		1.5	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
1,2,3-Trichloropropane	ND		1.5	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
1,2,4-Trichlorobenzene	ND		1.5	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
1,2,4-Trimethylbenzene	ND		1.5	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
1,2-Dibromo-3-Chloropropane	ND		7.6	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
1,2-Dibromoethane	ND		0.76	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
1,2-Dichlorobenzene	ND		0.76	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
1,2-Dichloroethane	ND		0.76	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
1,2-Dichloropropane	ND		0.76	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
1,3,5-Trimethylbenzene	ND		1.5	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
1,3-Dichlorobenzene	ND		0.76	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
1,3-Dichloropropane	ND		0.76	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
1,4-Dichlorobenzene	ND		0.76	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
2,2-Dichloropropane	ND		3.8	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
2-Butanone	ND		15	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
2-Chlorotoluene	ND		0.76	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
2-Hexanone	ND		15	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
4-Chlorotoluene	ND		0.76	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
4-Methyl-2-pentanone	ND		15	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
Acetone	ND		38	ug/Kg		11/22/19 18:22	12/04/19 17:05	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B8-10
Date Collected: 11/21/19 11:54
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-26
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**1.3**		0.76	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
Bromobenzene	ND		0.76	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
Bromochloromethane	ND		1.5	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
Bromodichloromethane	ND		0.76	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
Bromoform	ND		3.8	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
Bromomethane	ND		15	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
cis-1,2-Dichloroethene	ND		0.76	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
cis-1,3-Dichloropropene	ND		0.76	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
Carbon disulfide	ND		7.6	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
Carbon tetrachloride	ND		0.76	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
Chlorobenzene	ND		0.76	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
Chloroethane	ND		1.5	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
Chloroform	ND		0.76	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
Chloromethane	ND		15	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
Dibromochloromethane	ND		1.5	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
Dibromomethane	ND		0.76	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
Dichlorodifluoromethane	ND		1.5	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
Di-isopropyl ether (DIPE)	ND		0.76	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
Ethanol	ND		380	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
Ethylbenzene	**0.95**		0.76	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
Ethyl-t-butyl ether (ETBE)	ND		0.76	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
Isopropylbenzene	ND		0.76	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
Methylene Chloride	ND		7.6	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
Methyl-t-Butyl Ether (MTBE)	ND		1.5	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
Naphthalene	ND		7.6	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
n-Butylbenzene	ND		0.76	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
N-Propylbenzene	ND		1.5	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
o-Xylene	ND		0.76	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
m,p-Xylene	ND		1.5	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
p-Isopropyltoluene	ND		0.76	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
sec-Butylbenzene	ND		0.76	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
Styrene	ND		0.76	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
trans-1,2-Dichloroethene	ND		0.76	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
trans-1,3-Dichloropropene	ND		1.5	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
Tert-amyl-methyl ether (TAME)	ND		0.76	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
tert-Butyl alcohol (TBA)	ND		15	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
tert-Butylbenzene	ND		0.76	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
Tetrachloroethene	ND		0.76	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
Toluene	**1.3**		0.76	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
Trichloroethene	ND		1.5	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
Trichlorofluoromethane	ND		7.6	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
Vinyl acetate	ND		7.6	ug/Kg		11/22/19 18:22	12/04/19 17:05	1
Vinyl chloride	ND		0.76	ug/Kg		11/22/19 18:22	12/04/19 17:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*71 - 155*	*11/22/19 18:22*	*12/04/19 17:05*	*1*
4-Bromofluorobenzene (Surr)	*103*		*80 - 120*	*11/22/19 18:22*	*12/04/19 17:05*	*1*
Dibromofluoromethane (Surr)	*105*		*79 - 133*	*11/22/19 18:22*	*12/04/19 17:05*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*11/22/19 18:22*	*12/04/19 17:05*	*1*

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: B8-15
Date Collected: 11/21/19 11:58
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-27
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.98		ug/Kg		11/22/19 18:22	12/04/19 17:31	1
1,1,1-Trichloroethane	ND		0.98		ug/Kg		11/22/19 18:22	12/04/19 17:31	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg		11/22/19 18:22	12/04/19 17:31	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.8		ug/Kg		11/22/19 18:22	12/04/19 17:31	1
1,1,2-Trichloroethane	ND		0.98		ug/Kg		11/22/19 18:22	12/04/19 17:31	1
1,1-Dichloroethane	ND		0.98		ug/Kg		11/22/19 18:22	12/04/19 17:31	1
1,1-Dichloroethene	ND		0.98		ug/Kg		11/22/19 18:22	12/04/19 17:31	1
1,1-Dichloropropene	ND		2.0		ug/Kg		11/22/19 18:22	12/04/19 17:31	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg		11/22/19 18:22	12/04/19 17:31	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg		11/22/19 18:22	12/04/19 17:31	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg		11/22/19 18:22	12/04/19 17:31	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg		11/22/19 18:22	12/04/19 17:31	1
1,2-Dibromo-3-Chloropropane	ND		9.8		ug/Kg		11/22/19 18:22	12/04/19 17:31	1
1,2-Dibromoethane	ND		0.98		ug/Kg		11/22/19 18:22	12/04/19 17:31	1
1,2-Dichlorobenzene	ND		0.98		ug/Kg		11/22/19 18:22	12/04/19 17:31	1
1,2-Dichloroethane	ND		0.98		ug/Kg		11/22/19 18:22	12/04/19 17:31	1
1,2-Dichloropropane	ND		0.98		ug/Kg		11/22/19 18:22	12/04/19 17:31	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg		11/22/19 18:22	12/04/19 17:31	1
1,3-Dichlorobenzene	ND		0.98		ug/Kg		11/22/19 18:22	12/04/19 17:31	1
1,3-Dichloropropane	ND		0.98		ug/Kg		11/22/19 18:22	12/04/19 17:31	1
1,4-Dichlorobenzene	ND		0.98		ug/Kg		11/22/19 18:22	12/04/19 17:31	1
2,2-Dichloropropane	ND		4.9		ug/Kg		11/22/19 18:22	12/04/19 17:31	1
2-Butanone	ND		20		ug/Kg		11/22/19 18:22	12/04/19 17:31	1
2-Chlorotoluene	ND		0.98		ug/Kg		11/22/19 18:22	12/04/19 17:31	1
2-Hexanone	ND		20		ug/Kg		11/22/19 18:22	12/04/19 17:31	1
4-Chlorotoluene	ND		0.98		ug/Kg		11/22/19 18:22	12/04/19 17:31	1
4-Methyl-2-pentanone	ND		20		ug/Kg		11/22/19 18:22	12/04/19 17:31	1
Acetone	ND		49		ug/Kg		11/22/19 18:22	12/04/19 17:31	1
Benzene	ND		0.98		ug/Kg		11/22/19 18:22	12/04/19 17:31	1
Bromobenzene	ND		0.98		ug/Kg		11/22/19 18:22	12/04/19 17:31	1
Bromochloromethane	ND		2.0		ug/Kg		11/22/19 18:22	12/04/19 17:31	1
Bromodichloromethane	ND		0.98		ug/Kg		11/22/19 18:22	12/04/19 17:31	1
Bromoform	ND		4.9		ug/Kg		11/22/19 18:22	12/04/19 17:31	1
Bromomethane	ND		20		ug/Kg		11/22/19 18:22	12/04/19 17:31	1
cis-1,2-Dichloroethene	ND		0.98		ug/Kg		11/22/19 18:22	12/04/19 17:31	1
cis-1,3-Dichloropropene	ND		0.98		ug/Kg		11/22/19 18:22	12/04/19 17:31	1
Carbon disulfide	ND		9.8		ug/Kg		11/22/19 18:22	12/04/19 17:31	1
Carbon tetrachloride	ND		0.98		ug/Kg		11/22/19 18:22	12/04/19 17:31	1
Chlorobenzene	ND		0.98		ug/Kg		11/22/19 18:22	12/04/19 17:31	1
Chloroethane	ND		2.0		ug/Kg		11/22/19 18:22	12/04/19 17:31	1
Chloroform	ND		0.98		ug/Kg		11/22/19 18:22	12/04/19 17:31	1
Chloromethane	ND		20		ug/Kg		11/22/19 18:22	12/04/19 17:31	1
Dibromochloromethane	ND		2.0		ug/Kg		11/22/19 18:22	12/04/19 17:31	1
Dibromomethane	ND		0.98		ug/Kg		11/22/19 18:22	12/04/19 17:31	1
Dichlorodifluoromethane	ND		2.0		ug/Kg		11/22/19 18:22	12/04/19 17:31	1
Di-isopropyl ether (DIPE)	ND		0.98		ug/Kg		11/22/19 18:22	12/04/19 17:31	1
Ethanol	ND		490		ug/Kg		11/22/19 18:22	12/04/19 17:31	1
Ethylbenzene	ND		0.98		ug/Kg		11/22/19 18:22	12/04/19 17:31	1
Ethyl-t-butyl ether (ETBE)	ND		0.98		ug/Kg		11/22/19 18:22	12/04/19 17:31	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B8-15
Date Collected: 11/21/19 11:58
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-27
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		0.98	ug/Kg		11/22/19 18:22	12/04/19 17:31	1
Methylene Chloride	ND		9.8	ug/Kg		11/22/19 18:22	12/04/19 17:31	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0	ug/Kg		11/22/19 18:22	12/04/19 17:31	1
Naphthalene	ND		9.8	ug/Kg		11/22/19 18:22	12/04/19 17:31	1
n-Butylbenzene	ND		0.98	ug/Kg		11/22/19 18:22	12/04/19 17:31	1
N-Propylbenzene	ND		2.0	ug/Kg		11/22/19 18:22	12/04/19 17:31	1
o-Xylene	ND		0.98	ug/Kg		11/22/19 18:22	12/04/19 17:31	1
m,p-Xylene	ND		2.0	ug/Kg		11/22/19 18:22	12/04/19 17:31	1
p-Isopropyltoluene	ND		0.98	ug/Kg		11/22/19 18:22	12/04/19 17:31	1
sec-Butylbenzene	ND		0.98	ug/Kg		11/22/19 18:22	12/04/19 17:31	1
Styrene	ND		0.98	ug/Kg		11/22/19 18:22	12/04/19 17:31	1
trans-1,2-Dichloroethene	ND		0.98	ug/Kg		11/22/19 18:22	12/04/19 17:31	1
trans-1,3-Dichloropropene	ND		2.0	ug/Kg		11/22/19 18:22	12/04/19 17:31	1
Tert-amyl-methyl ether (TAME)	ND		0.98	ug/Kg		11/22/19 18:22	12/04/19 17:31	1
tert-Butyl alcohol (TBA)	ND		20	ug/Kg		11/22/19 18:22	12/04/19 17:31	1
tert-Butylbenzene	ND		0.98	ug/Kg		11/22/19 18:22	12/04/19 17:31	1
Tetrachloroethene	ND		0.98	ug/Kg		11/22/19 18:22	12/04/19 17:31	1
Toluene	ND		0.98	ug/Kg		11/22/19 18:22	12/04/19 17:31	1
Trichloroethene	ND		2.0	ug/Kg		11/22/19 18:22	12/04/19 17:31	1
Trichlorofluoromethane	ND		9.8	ug/Kg		11/22/19 18:22	12/04/19 17:31	1
Vinyl acetate	ND		9.8	ug/Kg		11/22/19 18:22	12/04/19 17:31	1
Vinyl chloride	ND		0.98	ug/Kg		11/22/19 18:22	12/04/19 17:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*71 - 155*	*11/22/19 18:22*	*12/04/19 17:31*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*	*11/22/19 18:22*	*12/04/19 17:31*	*1*
Dibromofluoromethane (Surr)	*105*		*79 - 133*	*11/22/19 18:22*	*12/04/19 17:31*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*11/22/19 18:22*	*12/04/19 17:31*	*1*

Client Sample ID: B9-5
Date Collected: 11/21/19 14:07
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-31
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 17:58	1
1,1,1-Trichloroethane	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 17:58	1
1,1,2,2-Tetrachloroethane	ND		1.6	ug/Kg		11/22/19 18:22	12/04/19 17:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7.9	ug/Kg		11/22/19 18:22	12/04/19 17:58	1
1,1,2-Trichloroethane	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 17:58	1
1,1-Dichloroethane	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 17:58	1
1,1-Dichloroethene	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 17:58	1
1,1-Dichloropropene	ND		1.6	ug/Kg		11/22/19 18:22	12/04/19 17:58	1
1,2,3-Trichlorobenzene	ND		1.6	ug/Kg		11/22/19 18:22	12/04/19 17:58	1
1,2,3-Trichloropropane	ND		1.6	ug/Kg		11/22/19 18:22	12/04/19 17:58	1
1,2,4-Trichlorobenzene	ND		1.6	ug/Kg		11/22/19 18:22	12/04/19 17:58	1
1,2,4-Trimethylbenzene	ND		1.6	ug/Kg		11/22/19 18:22	12/04/19 17:58	1
1,2-Dibromo-3-Chloropropane	ND		7.9	ug/Kg		11/22/19 18:22	12/04/19 17:58	1
1,2-Dibromoethane	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 17:58	1
1,2-Dichlorobenzene	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 17:58	1
1,2-Dichloroethane	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 17:58	1
1,2-Dichloropropane	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 17:58	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B9-5
Date Collected: 11/21/19 14:07
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-31
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	ND		1.6		ug/Kg		11/22/19 18:22	12/04/19 17:58	1
1,3-Dichlorobenzene	ND		0.79		ug/Kg		11/22/19 18:22	12/04/19 17:58	1
1,3-Dichloropropane	ND		0.79		ug/Kg		11/22/19 18:22	12/04/19 17:58	1
1,4-Dichlorobenzene	ND		0.79		ug/Kg		11/22/19 18:22	12/04/19 17:58	1
2,2-Dichloropropane	ND		3.9		ug/Kg		11/22/19 18:22	12/04/19 17:58	1
2-Butanone	ND		16		ug/Kg		11/22/19 18:22	12/04/19 17:58	1
2-Chlorotoluene	ND		0.79		ug/Kg		11/22/19 18:22	12/04/19 17:58	1
2-Hexanone	ND		16		ug/Kg		11/22/19 18:22	12/04/19 17:58	1
4-Chlorotoluene	ND		0.79		ug/Kg		11/22/19 18:22	12/04/19 17:58	1
4-Methyl-2-pentanone	ND		16		ug/Kg		11/22/19 18:22	12/04/19 17:58	1
Acetone	ND		39		ug/Kg		11/22/19 18:22	12/04/19 17:58	1
Benzene	ND		0.79		ug/Kg		11/22/19 18:22	12/04/19 17:58	1
Bromobenzene	ND		0.79		ug/Kg		11/22/19 18:22	12/04/19 17:58	1
Bromochloromethane	ND		1.6		ug/Kg		11/22/19 18:22	12/04/19 17:58	1
Bromodichloromethane	ND		0.79		ug/Kg		11/22/19 18:22	12/04/19 17:58	1
Bromoform	ND		3.9		ug/Kg		11/22/19 18:22	12/04/19 17:58	1
Bromomethane	ND		16		ug/Kg		11/22/19 18:22	12/04/19 17:58	1
cis-1,2-Dichloroethene	ND		0.79		ug/Kg		11/22/19 18:22	12/04/19 17:58	1
cis-1,3-Dichloropropene	ND		0.79		ug/Kg		11/22/19 18:22	12/04/19 17:58	1
Carbon disulfide	ND		7.9		ug/Kg		11/22/19 18:22	12/04/19 17:58	1
Carbon tetrachloride	ND		0.79		ug/Kg		11/22/19 18:22	12/04/19 17:58	1
Chlorobenzene	ND		0.79		ug/Kg		11/22/19 18:22	12/04/19 17:58	1
Chloroethane	ND		1.6		ug/Kg		11/22/19 18:22	12/04/19 17:58	1
Chloroform	ND		0.79		ug/Kg		11/22/19 18:22	12/04/19 17:58	1
Chloromethane	ND		16		ug/Kg		11/22/19 18:22	12/04/19 17:58	1
Dibromochloromethane	ND		1.6		ug/Kg		11/22/19 18:22	12/04/19 17:58	1
Dibromomethane	ND		0.79		ug/Kg		11/22/19 18:22	12/04/19 17:58	1
Dichlorodifluoromethane	ND		1.6		ug/Kg		11/22/19 18:22	12/04/19 17:58	1
Di-isopropyl ether (DIPE)	ND		0.79		ug/Kg		11/22/19 18:22	12/04/19 17:58	1
Ethanol	ND		390		ug/Kg		11/22/19 18:22	12/04/19 17:58	1
Ethylbenzene	ND		0.79		ug/Kg		11/22/19 18:22	12/04/19 17:58	1
Ethyl-t-butyl ether (ETBE)	ND		0.79		ug/Kg		11/22/19 18:22	12/04/19 17:58	1
Isopropylbenzene	ND		0.79		ug/Kg		11/22/19 18:22	12/04/19 17:58	1
Methylene Chloride	ND		7.9		ug/Kg		11/22/19 18:22	12/04/19 17:58	1
Methyl-t-Butyl Ether (MTBE)	ND		1.6		ug/Kg		11/22/19 18:22	12/04/19 17:58	1
Naphthalene	ND		7.9		ug/Kg		11/22/19 18:22	12/04/19 17:58	1
n-Butylbenzene	ND		0.79		ug/Kg		11/22/19 18:22	12/04/19 17:58	1
N-Propylbenzene	ND		1.6		ug/Kg		11/22/19 18:22	12/04/19 17:58	1
o-Xylene	ND		0.79		ug/Kg		11/22/19 18:22	12/04/19 17:58	1
m,p-Xylene	ND		1.6		ug/Kg		11/22/19 18:22	12/04/19 17:58	1
p-Isopropyltoluene	ND		0.79		ug/Kg		11/22/19 18:22	12/04/19 17:58	1
sec-Butylbenzene	ND		0.79		ug/Kg		11/22/19 18:22	12/04/19 17:58	1
Styrene	ND		0.79		ug/Kg		11/22/19 18:22	12/04/19 17:58	1
trans-1,2-Dichloroethene	ND		0.79		ug/Kg		11/22/19 18:22	12/04/19 17:58	1
trans-1,3-Dichloropropene	ND		1.6		ug/Kg		11/22/19 18:22	12/04/19 17:58	1
Tert-amyl-methyl ether (TAME)	ND		0.79		ug/Kg		11/22/19 18:22	12/04/19 17:58	1
tert-Butyl alcohol (TBA)	ND		16		ug/Kg		11/22/19 18:22	12/04/19 17:58	1
tert-Butylbenzene	ND		0.79		ug/Kg		11/22/19 18:22	12/04/19 17:58	1
Tetrachloroethene	ND		0.79		ug/Kg		11/22/19 18:22	12/04/19 17:58	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B9-5
Date Collected: 11/21/19 14:07
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-31
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 17:58	1
Trichloroethene	ND		1.6	ug/Kg		11/22/19 18:22	12/04/19 17:58	1
Trichlorofluoromethane	ND		7.9	ug/Kg		11/22/19 18:22	12/04/19 17:58	1
Vinyl acetate	ND		7.9	ug/Kg		11/22/19 18:22	12/04/19 17:58	1
Vinyl chloride	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 17:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*71 - 155*	*11/22/19 18:22*	*12/04/19 17:58*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*	*11/22/19 18:22*	*12/04/19 17:58*	*1*
Dibromofluoromethane (Surr)	*108*		*79 - 133*	*11/22/19 18:22*	*12/04/19 17:58*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*11/22/19 18:22*	*12/04/19 17:58*	*1*

Client Sample ID: B9-10
Date Collected: 11/21/19 14:11
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-32
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
1,1,1-Trichloroethane	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
1,1,2,2-Tetrachloroethane	ND		1.6	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7.9	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
1,1,2-Trichloroethane	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
1,1-Dichloroethane	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
1,1-Dichloroethene	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
1,1-Dichloropropene	ND		1.6	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
1,2,3-Trichlorobenzene	ND		1.6	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
1,2,3-Trichloropropane	ND		1.6	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
1,2,4-Trichlorobenzene	ND		1.6	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
1,2,4-Trimethylbenzene	ND		1.6	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
1,2-Dibromo-3-Chloropropane	ND		7.9	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
1,2-Dibromoethane	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
1,2-Dichlorobenzene	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
1,2-Dichloroethane	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
1,2-Dichloropropane	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
1,3,5-Trimethylbenzene	ND		1.6	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
1,3-Dichlorobenzene	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
1,3-Dichloropropane	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
1,4-Dichlorobenzene	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
2,2-Dichloropropane	ND		3.9	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
2-Butanone	ND		16	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
2-Chlorotoluene	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
2-Hexanone	ND		16	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
4-Chlorotoluene	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
4-Methyl-2-pentanone	ND		16	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
Acetone	ND		39	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
Benzene	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
Bromobenzene	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
Bromochloromethane	ND		1.6	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
Bromodichloromethane	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
Bromoform	ND		3.9	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
Bromomethane	ND		16	ug/Kg		11/22/19 18:22	12/04/19 18:24	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B9-10
Date Collected: 11/21/19 14:11
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-32
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
cis-1,3-Dichloropropene	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
Carbon disulfide	ND		7.9	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
Carbon tetrachloride	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
Chlorobenzene	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
Chloroethane	ND		1.6	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
Chloroform	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
Chloromethane	ND		16	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
Dibromochloromethane	ND		1.6	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
Dibromomethane	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
Dichlorodifluoromethane	ND		1.6	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
Di-isopropyl ether (DIPE)	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
Ethanol	ND		390	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
Ethylbenzene	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
Ethyl-t-butyl ether (ETBE)	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
Isopropylbenzene	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
Methylene Chloride	ND		7.9	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
Methyl-t-Butyl Ether (MTBE)	ND		1.6	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
Naphthalene	ND		7.9	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
n-Butylbenzene	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
N-Propylbenzene	ND		1.6	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
o-Xylene	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
m,p-Xylene	ND		1.6	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
p-Isopropyltoluene	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
sec-Butylbenzene	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
Styrene	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
trans-1,2-Dichloroethene	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
trans-1,3-Dichloropropene	ND		1.6	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
Tert-amyl-methyl ether (TAME)	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
tert-Butyl alcohol (TBA)	ND		16	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
tert-Butylbenzene	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
Tetrachloroethene	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
Toluene	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
Trichloroethene	ND		1.6	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
Trichlorofluoromethane	ND		7.9	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
Vinyl acetate	ND		7.9	ug/Kg		11/22/19 18:22	12/04/19 18:24	1
Vinyl chloride	ND		0.79	ug/Kg		11/22/19 18:22	12/04/19 18:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*117*		*71 - 155*	*11/22/19 18:22*	*12/04/19 18:24*	*1*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*	*11/22/19 18:22*	*12/04/19 18:24*	*1*
Dibromofluoromethane (Surr)	*107*		*79 - 133*	*11/22/19 18:22*	*12/04/19 18:24*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*	*11/22/19 18:22*	*12/04/19 18:24*	*1*

Client Sample ID: B9-15
Date Collected: 11/21/19 14:16
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-33
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.76	ug/Kg		11/22/19 18:22	12/04/19 18:51	1
1,1,1-Trichloroethane	ND		0.76	ug/Kg		11/22/19 18:22	12/04/19 18:51	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B9-15
Date Collected: 11/21/19 14:16
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-33
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		1.5		ug/Kg		11/22/19 18:22	12/04/19 18:51	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		7.6		ug/Kg		11/22/19 18:22	12/04/19 18:51	1
1,1,2-Trichloroethane	ND		0.76		ug/Kg		11/22/19 18:22	12/04/19 18:51	1
1,1-Dichloroethane	ND		0.76		ug/Kg		11/22/19 18:22	12/04/19 18:51	1
1,1-Dichloroethene	ND		0.76		ug/Kg		11/22/19 18:22	12/04/19 18:51	1
1,1-Dichloropropene	ND		1.5		ug/Kg		11/22/19 18:22	12/04/19 18:51	1
1,2,3-Trichlorobenzene	ND		1.5		ug/Kg		11/22/19 18:22	12/04/19 18:51	1
1,2,3-Trichloropropane	ND		1.5		ug/Kg		11/22/19 18:22	12/04/19 18:51	1
1,2,4-Trichlorobenzene	ND		1.5		ug/Kg		11/22/19 18:22	12/04/19 18:51	1
1,2,4-Trimethylbenzene	ND		1.5		ug/Kg		11/22/19 18:22	12/04/19 18:51	1
1,2-Dibromo-3-Chloropropane	ND		7.6		ug/Kg		11/22/19 18:22	12/04/19 18:51	1
1,2-Dibromoethane	ND		0.76		ug/Kg		11/22/19 18:22	12/04/19 18:51	1
1,2-Dichlorobenzene	ND		0.76		ug/Kg		11/22/19 18:22	12/04/19 18:51	1
1,2-Dichloroethane	ND		0.76		ug/Kg		11/22/19 18:22	12/04/19 18:51	1
1,2-Dichloropropane	ND		0.76		ug/Kg		11/22/19 18:22	12/04/19 18:51	1
1,3,5-Trimethylbenzene	ND		1.5		ug/Kg		11/22/19 18:22	12/04/19 18:51	1
1,3-Dichlorobenzene	ND		0.76		ug/Kg		11/22/19 18:22	12/04/19 18:51	1
1,3-Dichloropropane	ND		0.76		ug/Kg		11/22/19 18:22	12/04/19 18:51	1
1,4-Dichlorobenzene	ND		0.76		ug/Kg		11/22/19 18:22	12/04/19 18:51	1
2,2-Dichloropropane	ND		3.8		ug/Kg		11/22/19 18:22	12/04/19 18:51	1
2-Butanone	ND		15		ug/Kg		11/22/19 18:22	12/04/19 18:51	1
2-Chlorotoluene	ND		0.76		ug/Kg		11/22/19 18:22	12/04/19 18:51	1
2-Hexanone	ND		15		ug/Kg		11/22/19 18:22	12/04/19 18:51	1
4-Chlorotoluene	ND		0.76		ug/Kg		11/22/19 18:22	12/04/19 18:51	1
4-Methyl-2-pentanone	ND		15		ug/Kg		11/22/19 18:22	12/04/19 18:51	1
Acetone	ND		38		ug/Kg		11/22/19 18:22	12/04/19 18:51	1
Benzene	ND		0.76		ug/Kg		11/22/19 18:22	12/04/19 18:51	1
Bromobenzene	ND		0.76		ug/Kg		11/22/19 18:22	12/04/19 18:51	1
Bromochloromethane	ND		1.5		ug/Kg		11/22/19 18:22	12/04/19 18:51	1
Bromodichloromethane	ND		0.76		ug/Kg		11/22/19 18:22	12/04/19 18:51	1
Bromoform	ND		3.8		ug/Kg		11/22/19 18:22	12/04/19 18:51	1
Bromomethane	ND		15		ug/Kg		11/22/19 18:22	12/04/19 18:51	1
cis-1,2-Dichloroethene	ND		0.76		ug/Kg		11/22/19 18:22	12/04/19 18:51	1
cis-1,3-Dichloropropene	ND		0.76		ug/Kg		11/22/19 18:22	12/04/19 18:51	1
Carbon disulfide	ND		7.6		ug/Kg		11/22/19 18:22	12/04/19 18:51	1
Carbon tetrachloride	ND		0.76		ug/Kg		11/22/19 18:22	12/04/19 18:51	1
Chlorobenzene	ND		0.76		ug/Kg		11/22/19 18:22	12/04/19 18:51	1
Chloroethane	ND		1.5		ug/Kg		11/22/19 18:22	12/04/19 18:51	1
Chloroform	ND		0.76		ug/Kg		11/22/19 18:22	12/04/19 18:51	1
Chloromethane	ND		15		ug/Kg		11/22/19 18:22	12/04/19 18:51	1
Dibromochloromethane	ND		1.5		ug/Kg		11/22/19 18:22	12/04/19 18:51	1
Dibromomethane	ND		0.76		ug/Kg		11/22/19 18:22	12/04/19 18:51	1
Dichlorodifluoromethane	ND		1.5		ug/Kg		11/22/19 18:22	12/04/19 18:51	1
Di-isopropyl ether (DIPE)	ND		0.76		ug/Kg		11/22/19 18:22	12/04/19 18:51	1
Ethanol	ND		380		ug/Kg		11/22/19 18:22	12/04/19 18:51	1
Ethylbenzene	ND		0.76		ug/Kg		11/22/19 18:22	12/04/19 18:51	1
Ethyl-t-butyl ether (ETBE)	ND		0.76		ug/Kg		11/22/19 18:22	12/04/19 18:51	1
Isopropylbenzene	ND		0.76		ug/Kg		11/22/19 18:22	12/04/19 18:51	1
Methylene Chloride	ND		7.6		ug/Kg		11/22/19 18:22	12/04/19 18:51	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B9-15
Date Collected: 11/21/19 14:16
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-33
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-t-Butyl Ether (MTBE)	ND		1.5	ug/Kg		11/22/19 18:22	12/04/19 18:51	1
Naphthalene	ND		7.6	ug/Kg		11/22/19 18:22	12/04/19 18:51	1
n-Butylbenzene	ND		0.76	ug/Kg		11/22/19 18:22	12/04/19 18:51	1
N-Propylbenzene	ND		1.5	ug/Kg		11/22/19 18:22	12/04/19 18:51	1
o-Xylene	ND		0.76	ug/Kg		11/22/19 18:22	12/04/19 18:51	1
m,p-Xylene	ND		1.5	ug/Kg		11/22/19 18:22	12/04/19 18:51	1
p-Isopropyltoluene	ND		0.76	ug/Kg		11/22/19 18:22	12/04/19 18:51	1
sec-Butylbenzene	ND		0.76	ug/Kg		11/22/19 18:22	12/04/19 18:51	1
Styrene	ND		0.76	ug/Kg		11/22/19 18:22	12/04/19 18:51	1
trans-1,2-Dichloroethene	ND		0.76	ug/Kg		11/22/19 18:22	12/04/19 18:51	1
trans-1,3-Dichloropropene	ND		1.5	ug/Kg		11/22/19 18:22	12/04/19 18:51	1
Tert-amyl-methyl ether (TAME)	ND		0.76	ug/Kg		11/22/19 18:22	12/04/19 18:51	1
tert-Butyl alcohol (TBA)	ND		15	ug/Kg		11/22/19 18:22	12/04/19 18:51	1
tert-Butylbenzene	ND		0.76	ug/Kg		11/22/19 18:22	12/04/19 18:51	1
Tetrachloroethene	ND		0.76	ug/Kg		11/22/19 18:22	12/04/19 18:51	1
Toluene	ND		0.76	ug/Kg		11/22/19 18:22	12/04/19 18:51	1
Trichloroethene	ND		1.5	ug/Kg		11/22/19 18:22	12/04/19 18:51	1
Trichlorofluoromethane	ND		7.6	ug/Kg		11/22/19 18:22	12/04/19 18:51	1
Vinyl acetate	ND		7.6	ug/Kg		11/22/19 18:22	12/04/19 18:51	1
Vinyl chloride	ND		0.76	ug/Kg		11/22/19 18:22	12/04/19 18:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*114*		*71 - 155*	*11/22/19 18:22*	*12/04/19 18:51*	*1*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*	*11/22/19 18:22*	*12/04/19 18:51*	*1*
Dibromofluoromethane (Surr)	*104*		*79 - 133*	*11/22/19 18:22*	*12/04/19 18:51*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*11/22/19 18:22*	*12/04/19 18:51*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Client Sample ID: B5-5
Date Collected: 11/21/19 13:05
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-1
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 02:16	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 02:16	1
Acenaphthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 02:16	1
Acenaphthylene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 02:16	1
Anthracene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 02:16	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 02:16	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 02:16	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 02:16	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 02:16	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 02:16	1
Chrysene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 02:16	1
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 02:16	1
Fluoranthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 02:16	1
Fluorene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 02:16	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 02:16	1
Naphthalene	ND	*	0.50	mg/Kg		11/22/19 19:47	11/26/19 02:16	1
Phenanthrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 02:16	1
Pyrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 02:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*74*		*18 - 138*	*11/22/19 19:47*	*11/26/19 02:16*	*1*
2-Fluorobiphenyl (Surr)	*62*		*27 - 120*	*11/22/19 19:47*	*11/26/19 02:16*	*1*
2-Fluorophenol (Surr)	*62*		*25 - 120*	*11/22/19 19:47*	*11/26/19 02:16*	*1*
Nitrobenzene-d5 (Surr)	*53*		*33 - 123*	*11/22/19 19:47*	*11/26/19 02:16*	*1*
Phenol-d6 (Surr)	*63*		*26 - 122*	*11/22/19 19:47*	*11/26/19 02:16*	*1*
p-Terphenyl-d14 (Surr)	*74*		*27 - 159*	*11/22/19 19:47*	*11/26/19 02:16*	*1*

Client Sample ID: B5-10
Date Collected: 11/21/19 13:20
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-2
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 02:35	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 02:35	1
Acenaphthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 02:35	1
Acenaphthylene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 02:35	1
Anthracene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 02:35	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 02:35	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 02:35	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 02:35	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 02:35	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 02:35	1
Chrysene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 02:35	1
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 02:35	1
Fluoranthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 02:35	1
Fluorene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 02:35	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 02:35	1
Naphthalene	ND	*	0.50	mg/Kg		11/22/19 19:47	11/26/19 02:35	1
Phenanthrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 02:35	1
Pyrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 02:35	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	111		18 - 138	11/22/19 19:47	11/26/19 02:35	1
2-Fluorobiphenyl (Surr)	88		27 - 120	11/22/19 19:47	11/26/19 02:35	1
2-Fluorophenol (Surr)	91		25 - 120	11/22/19 19:47	11/26/19 02:35	1
Nitrobenzene-d5 (Surr)	72		33 - 123	11/22/19 19:47	11/26/19 02:35	1
Phenol-d6 (Surr)	91		26 - 122	11/22/19 19:47	11/26/19 02:35	1
p-Terphenyl-d14 (Surr)	107		27 - 159	11/22/19 19:47	11/26/19 02:35	1

Client Sample ID: B5-15
Date Collected: 11/21/19 13:28
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-3
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 02:55	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 02:55	1
Acenaphthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 02:55	1
Acenaphthylene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 02:55	1
Anthracene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 02:55	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 02:55	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 02:55	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 02:55	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 02:55	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 02:55	1
Chrysene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 02:55	1
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 02:55	1
Fluoranthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 02:55	1
Fluorene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 02:55	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 02:55	1
Naphthalene	ND	*	0.50	mg/Kg		11/22/19 19:47	11/26/19 02:55	1
Phenanthrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 02:55	1
Pyrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 02:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	92		18 - 138	11/22/19 19:47	11/26/19 02:55	1
2-Fluorobiphenyl (Surr)	81		27 - 120	11/22/19 19:47	11/26/19 02:55	1
2-Fluorophenol (Surr)	80		25 - 120	11/22/19 19:47	11/26/19 02:55	1
Nitrobenzene-d5 (Surr)	65		33 - 123	11/22/19 19:47	11/26/19 02:55	1
Phenol-d6 (Surr)	84		26 - 122	11/22/19 19:47	11/26/19 02:55	1
p-Terphenyl-d14 (Surr)	93		27 - 159	11/22/19 19:47	11/26/19 02:55	1

Client Sample ID: B5-20
Date Collected: 11/21/19 13:35
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-4
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 03:14	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 03:14	1
Acenaphthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 03:14	1
Acenaphthylene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 03:14	1
Anthracene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 03:14	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 03:14	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 03:14	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 03:14	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 03:14	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 03:14	1
Chrysene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 03:14	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B5-20
Date Collected: 11/21/19 13:35
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-4
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 03:14	1
Fluoranthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 03:14	1
Fluorene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 03:14	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 03:14	1
Naphthalene	ND	*	0.50	mg/Kg		11/22/19 19:47	11/26/19 03:14	1
Phenanthrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 03:14	1
Pyrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 03:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*52*		*18 - 138*	*11/22/19 19:47*	*11/26/19 03:14*	*1*
2-Fluorobiphenyl (Surr)	*46*		*27 - 120*	*11/22/19 19:47*	*11/26/19 03:14*	*1*
2-Fluorophenol (Surr)	*41*		*25 - 120*	*11/22/19 19:47*	*11/26/19 03:14*	*1*
Nitrobenzene-d5 (Surr)	*38*		*33 - 123*	*11/22/19 19:47*	*11/26/19 03:14*	*1*
Phenol-d6 (Surr)	*45*		*26 - 122*	*11/22/19 19:47*	*11/26/19 03:14*	*1*
p-Terphenyl-d14 (Surr)	*64*		*27 - 159*	*11/22/19 19:47*	*11/26/19 03:14*	*1*

Client Sample ID: B5-25
Date Collected: 11/21/19 13:40
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-5
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		1.0	mg/Kg		11/22/19 19:47	11/26/19 03:33	2
2-Methylnaphthalene	ND		1.0	mg/Kg		11/22/19 19:47	11/26/19 03:33	2
Acenaphthene	ND		1.0	mg/Kg		11/22/19 19:47	11/26/19 03:33	2
Acenaphthylene	ND		1.0	mg/Kg		11/22/19 19:47	11/26/19 03:33	2
Anthracene	ND		1.0	mg/Kg		11/22/19 19:47	11/26/19 03:33	2
Benzo[a]anthracene	**1.9**		1.0	mg/Kg		11/22/19 19:47	11/26/19 03:33	2
Benzo[a]pyrene	**3.8**		1.0	mg/Kg		11/22/19 19:47	11/26/19 03:33	2
Benzo[b]fluoranthene	**2.4**		1.0	mg/Kg		11/22/19 19:47	11/26/19 03:33	2
Benzo[g,h,i]perylene	**5.9**		1.0	mg/Kg		11/22/19 19:47	11/26/19 03:33	2
Benzo[k]fluoranthene	**1.9**		1.0	mg/Kg		11/22/19 19:47	11/26/19 03:33	2
Chrysene	**2.7**		1.0	mg/Kg		11/22/19 19:47	11/26/19 03:33	2
Dibenz(a,h)anthracene	ND		1.0	mg/Kg		11/22/19 19:47	11/26/19 03:33	2
Fluoranthene	**3.9**		1.0	mg/Kg		11/22/19 19:47	11/26/19 03:33	2
Fluorene	ND		1.0	mg/Kg		11/22/19 19:47	11/26/19 03:33	2
Indeno[1,2,3-cd]pyrene	**3.2**		1.0	mg/Kg		11/22/19 19:47	11/26/19 03:33	2
Naphthalene	ND	*	1.0	mg/Kg		11/22/19 19:47	11/26/19 03:33	2
Phenanthrene	**1.8**		1.0	mg/Kg		11/22/19 19:47	11/26/19 03:33	2
Pyrene	**6.4**		1.0	mg/Kg		11/22/19 19:47	11/26/19 03:33	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*101*		*18 - 138*	*11/22/19 19:47*	*11/26/19 03:33*	*2*
2-Fluorobiphenyl (Surr)	*82*		*27 - 120*	*11/22/19 19:47*	*11/26/19 03:33*	*2*
2-Fluorophenol (Surr)	*78*		*25 - 120*	*11/22/19 19:47*	*11/26/19 03:33*	*2*
Nitrobenzene-d5 (Surr)	*65*		*33 - 123*	*11/22/19 19:47*	*11/26/19 03:33*	*2*
Phenol-d6 (Surr)	*81*		*26 - 122*	*11/22/19 19:47*	*11/26/19 03:33*	*2*
p-Terphenyl-d14 (Surr)	*98*		*27 - 159*	*11/22/19 19:47*	*11/26/19 03:33*	*2*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Client Sample ID: B5-30
Date Collected: 11/21/19 13:50
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-6
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 03:53	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 03:53	1
Acenaphthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 03:53	1
Acenaphthylene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 03:53	1
Anthracene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 03:53	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 03:53	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 03:53	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 03:53	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 03:53	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 03:53	1
Chrysene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 03:53	1
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 03:53	1
Fluoranthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 03:53	1
Fluorene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 03:53	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 03:53	1
Naphthalene	ND	*	0.50	mg/Kg		11/22/19 19:47	11/26/19 03:53	1
Phenanthrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 03:53	1
Pyrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 03:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*59*		*18 - 138*	*11/22/19 19:47*	*11/26/19 03:53*	*1*
2-Fluorobiphenyl (Surr)	*49*		*27 - 120*	*11/22/19 19:47*	*11/26/19 03:53*	*1*
2-Fluorophenol (Surr)	*45*		*25 - 120*	*11/22/19 19:47*	*11/26/19 03:53*	*1*
Nitrobenzene-d5 (Surr)	*41*		*33 - 123*	*11/22/19 19:47*	*11/26/19 03:53*	*1*
Phenol-d6 (Surr)	*49*		*26 - 122*	*11/22/19 19:47*	*11/26/19 03:53*	*1*
p-Terphenyl-d14 (Surr)	*74*		*27 - 159*	*11/22/19 19:47*	*11/26/19 03:53*	*1*

Client Sample ID: B6-5
Date Collected: 11/21/19 08:25
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-7
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 04:12	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 04:12	1
Acenaphthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 04:12	1
Acenaphthylene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 04:12	1
Anthracene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 04:12	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 04:12	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 04:12	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 04:12	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 04:12	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 04:12	1
Chrysene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 04:12	1
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 04:12	1
Fluoranthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 04:12	1
Fluorene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 04:12	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 04:12	1
Naphthalene	ND	*	0.50	mg/Kg		11/22/19 19:47	11/26/19 04:12	1
Phenanthrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 04:12	1
Pyrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 04:12	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	63		18 - 138	11/22/19 19:47	11/26/19 04:12	1
2-Fluorobiphenyl (Surr)	59		27 - 120	11/22/19 19:47	11/26/19 04:12	1
2-Fluorophenol (Surr)	61		25 - 120	11/22/19 19:47	11/26/19 04:12	1
Nitrobenzene-d5 (Surr)	51		33 - 123	11/22/19 19:47	11/26/19 04:12	1
Phenol-d6 (Surr)	61		26 - 122	11/22/19 19:47	11/26/19 04:12	1
p-Terphenyl-d14 (Surr)	71		27 - 159	11/22/19 19:47	11/26/19 04:12	1

Client Sample ID: B6-10 — **Lab Sample ID: 570-13628-8**
Date Collected: 11/21/19 08:30 — **Matrix: Solid**
Date Received: 11/21/19 16:43

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 13:48	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 13:48	1
Acenaphthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 13:48	1
Acenaphthylene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 13:48	1
Anthracene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 13:48	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 13:48	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 13:48	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 13:48	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 13:48	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 13:48	1
Chrysene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 13:48	1
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 13:48	1
Fluoranthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 13:48	1
Fluorene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 13:48	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 13:48	1
Naphthalene	ND	*	0.50	mg/Kg		11/22/19 19:47	11/26/19 13:48	1
Phenanthrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 13:48	1
Pyrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 13:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	82		18 - 138	11/22/19 19:47	11/26/19 13:48	1
2-Fluorobiphenyl (Surr)	68		27 - 120	11/22/19 19:47	11/26/19 13:48	1
2-Fluorophenol (Surr)	62		25 - 120	11/22/19 19:47	11/26/19 13:48	1
Nitrobenzene-d5 (Surr)	46		33 - 123	11/22/19 19:47	11/26/19 13:48	1
Phenol-d6 (Surr)	62		26 - 122	11/22/19 19:47	11/26/19 13:48	1
p-Terphenyl-d14 (Surr)	78		27 - 159	11/22/19 19:47	11/26/19 13:48	1

Client Sample ID: B6-15 — **Lab Sample ID: 570-13628-9**
Date Collected: 11/21/19 08:35 — **Matrix: Solid**
Date Received: 11/21/19 16:43

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:07	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:07	1
Acenaphthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:07	1
Acenaphthylene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:07	1
Anthracene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:07	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:07	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:07	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:07	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:07	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:07	1
Chrysene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:07	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B6-15
Date Collected: 11/21/19 08:35
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-9
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:07	1
Fluoranthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:07	1
Fluorene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:07	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:07	1
Naphthalene	ND	*	0.50	mg/Kg		11/22/19 19:47	11/26/19 14:07	1
Phenanthrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:07	1
Pyrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*82*		*18 - 138*	*11/22/19 19:47*	*11/26/19 14:07*	*1*
2-Fluorobiphenyl (Surr)	*71*		*27 - 120*	*11/22/19 19:47*	*11/26/19 14:07*	*1*
2-Fluorophenol (Surr)	*66*		*25 - 120*	*11/22/19 19:47*	*11/26/19 14:07*	*1*
Nitrobenzene-d5 (Surr)	*54*		*33 - 123*	*11/22/19 19:47*	*11/26/19 14:07*	*1*
Phenol-d6 (Surr)	*68*		*26 - 122*	*11/22/19 19:47*	*11/26/19 14:07*	*1*
p-Terphenyl-d14 (Surr)	*84*		*27 - 159*	*11/22/19 19:47*	*11/26/19 14:07*	*1*

Client Sample ID: B6-20
Date Collected: 11/21/19 08:40
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-10
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:27	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:27	1
Acenaphthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:27	1
Acenaphthylene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:27	1
Anthracene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:27	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:27	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:27	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:27	1
Benzo[g,h,i]perylene	**0.65**		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:27	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:27	1
Chrysene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:27	1
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:27	1
Fluoranthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:27	1
Fluorene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:27	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:27	1
Naphthalene	ND	*	0.50	mg/Kg		11/22/19 19:47	11/26/19 14:27	1
Phenanthrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:27	1
Pyrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*74*		*18 - 138*	*11/22/19 19:47*	*11/26/19 14:27*	*1*
2-Fluorobiphenyl (Surr)	*66*		*27 - 120*	*11/22/19 19:47*	*11/26/19 14:27*	*1*
2-Fluorophenol (Surr)	*59*		*25 - 120*	*11/22/19 19:47*	*11/26/19 14:27*	*1*
Nitrobenzene-d5 (Surr)	*47*		*33 - 123*	*11/22/19 19:47*	*11/26/19 14:27*	*1*
Phenol-d6 (Surr)	*61*		*26 - 122*	*11/22/19 19:47*	*11/26/19 14:27*	*1*
p-Terphenyl-d14 (Surr)	*71*		*27 - 159*	*11/22/19 19:47*	*11/26/19 14:27*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Client Sample ID: B6-25
Date Collected: 11/21/19 08:45
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-11
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:46	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:46	1
Acenaphthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:46	1
Acenaphthylene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:46	1
Anthracene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:46	1
Benzo[a]anthracene	**0.75**		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:46	1
Benzo[a]pyrene	**2.3**		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:46	1
Benzo[b]fluoranthene	**1.3**		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:46	1
Benzo[g,h,i]perylene	**3.6**		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:46	1
Benzo[k]fluoranthene	**1.2**		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:46	1
Chrysene	**0.95**		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:46	1
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:46	1
Fluoranthene	**1.1**		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:46	1
Fluorene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:46	1
Indeno[1,2,3-cd]pyrene	**2.1**		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:46	1
Naphthalene	ND	*	0.50	mg/Kg		11/22/19 19:47	11/26/19 14:46	1
Phenanthrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:46	1
Pyrene	**2.0**		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*98*		*18 - 138*	*11/22/19 19:47*	*11/26/19 14:46*	*1*
2-Fluorobiphenyl (Surr)	*83*		*27 - 120*	*11/22/19 19:47*	*11/26/19 14:46*	*1*
2-Fluorophenol (Surr)	*85*		*25 - 120*	*11/22/19 19:47*	*11/26/19 14:46*	*1*
Nitrobenzene-d5 (Surr)	*65*		*33 - 123*	*11/22/19 19:47*	*11/26/19 14:46*	*1*
Phenol-d6 (Surr)	*82*		*26 - 122*	*11/22/19 19:47*	*11/26/19 14:46*	*1*
p-Terphenyl-d14 (Surr)	*93*		*27 - 159*	*11/22/19 19:47*	*11/26/19 14:46*	*1*

Client Sample ID: B6-30
Date Collected: 11/21/19 08:50
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-12
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:08	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:08	1
Acenaphthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:08	1
Acenaphthylene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:08	1
Anthracene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:08	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:08	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:08	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:08	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:08	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:08	1
Chrysene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:08	1
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:08	1
Fluoranthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:08	1
Fluorene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:08	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:08	1
Naphthalene	ND	*	0.50	mg/Kg		11/22/19 19:47	11/26/19 14:08	1
Phenanthrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:08	1
Pyrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:08	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	85		18 - 138	11/22/19 19:47	11/26/19 14:08	1
2-Fluorobiphenyl (Surr)	80		27 - 120	11/22/19 19:47	11/26/19 14:08	1
2-Fluorophenol (Surr)	76		25 - 120	11/22/19 19:47	11/26/19 14:08	1
Nitrobenzene-d5 (Surr)	77		33 - 123	11/22/19 19:47	11/26/19 14:08	1
Phenol-d6 (Surr)	81		26 - 122	11/22/19 19:47	11/26/19 14:08	1
p-Terphenyl-d14 (Surr)	100		27 - 159	11/22/19 19:47	11/26/19 14:08	1

Client Sample ID: B4-5
Date Collected: 11/21/19 09:50
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-13
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:27	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:27	1
Acenaphthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:27	1
Acenaphthylene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:27	1
Anthracene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:27	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:27	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:27	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:27	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:27	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:27	1
Chrysene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:27	1
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:27	1
Fluoranthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:27	1
Fluorene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:27	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:27	1
Naphthalene	ND	*	0.50	mg/Kg		11/22/19 19:47	11/26/19 14:27	1
Phenanthrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:27	1
Pyrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	91		18 - 138	11/22/19 19:47	11/26/19 14:27	1
2-Fluorobiphenyl (Surr)	86		27 - 120	11/22/19 19:47	11/26/19 14:27	1
2-Fluorophenol (Surr)	87		25 - 120	11/22/19 19:47	11/26/19 14:27	1
Nitrobenzene-d5 (Surr)	82		33 - 123	11/22/19 19:47	11/26/19 14:27	1
Phenol-d6 (Surr)	87		26 - 122	11/22/19 19:47	11/26/19 14:27	1
p-Terphenyl-d14 (Surr)	101		27 - 159	11/22/19 19:47	11/26/19 14:27	1

Client Sample ID: B4-10
Date Collected: 11/21/19 09:58
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-14
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:47	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:47	1
Acenaphthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:47	1
Acenaphthylene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:47	1
Anthracene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:47	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:47	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:47	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:47	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:47	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:47	1
Chrysene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:47	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B4-10
Date Collected: 11/21/19 09:58
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-14
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:47	1
Fluoranthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:47	1
Fluorene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:47	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:47	1
Naphthalene	ND	*	0.50	mg/Kg		11/22/19 19:47	11/26/19 14:47	1
Phenanthrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:47	1
Pyrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 14:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*58*		*18 - 138*	*11/22/19 19:47*	*11/26/19 14:47*	*1*
2-Fluorobiphenyl (Surr)	*58*		*27 - 120*	*11/22/19 19:47*	*11/26/19 14:47*	*1*
2-Fluorophenol (Surr)	*59*		*25 - 120*	*11/22/19 19:47*	*11/26/19 14:47*	*1*
Nitrobenzene-d5 (Surr)	*57*		*33 - 123*	*11/22/19 19:47*	*11/26/19 14:47*	*1*
Phenol-d6 (Surr)	*61*		*26 - 122*	*11/22/19 19:47*	*11/26/19 14:47*	*1*
p-Terphenyl-d14 (Surr)	*68*		*27 - 159*	*11/22/19 19:47*	*11/26/19 14:47*	*1*

Client Sample ID: B4-15
Date Collected: 11/21/19 10:03
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-15
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 15:06	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 15:06	1
Acenaphthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 15:06	1
Acenaphthylene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 15:06	1
Anthracene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 15:06	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 15:06	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 15:06	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 15:06	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 15:06	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 15:06	1
Chrysene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 15:06	1
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 15:06	1
Fluoranthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 15:06	1
Fluorene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 15:06	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 15:06	1
Naphthalene	ND	*	0.50	mg/Kg		11/22/19 19:47	11/26/19 15:06	1
Phenanthrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 15:06	1
Pyrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 15:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*57*		*18 - 138*	*11/22/19 19:47*	*11/26/19 15:06*	*1*
2-Fluorobiphenyl (Surr)	*57*		*27 - 120*	*11/22/19 19:47*	*11/26/19 15:06*	*1*
2-Fluorophenol (Surr)	*58*		*25 - 120*	*11/22/19 19:47*	*11/26/19 15:06*	*1*
Nitrobenzene-d5 (Surr)	*57*		*33 - 123*	*11/22/19 19:47*	*11/26/19 15:06*	*1*
Phenol-d6 (Surr)	*59*		*26 - 122*	*11/22/19 19:47*	*11/26/19 15:06*	*1*
p-Terphenyl-d14 (Surr)	*69*		*27 - 159*	*11/22/19 19:47*	*11/26/19 15:06*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Client Sample ID: B4-20
Date Collected: 11/21/19 10:10
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-16
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 15:25	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 15:25	1
Acenaphthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 15:25	1
Acenaphthylene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 15:25	1
Anthracene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 15:25	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 15:25	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 15:25	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 15:25	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 15:25	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 15:25	1
Chrysene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 15:25	1
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 15:25	1
Fluoranthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 15:25	1
Fluorene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 15:25	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 15:25	1
Naphthalene	ND	*	0.50	mg/Kg		11/22/19 19:47	11/26/19 15:25	1
Phenanthrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 15:25	1
Pyrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 15:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*66*		*18 - 138*	*11/22/19 19:47*	*11/26/19 15:25*	*1*
2-Fluorobiphenyl (Surr)	*64*		*27 - 120*	*11/22/19 19:47*	*11/26/19 15:25*	*1*
2-Fluorophenol (Surr)	*67*		*25 - 120*	*11/22/19 19:47*	*11/26/19 15:25*	*1*
Nitrobenzene-d5 (Surr)	*64*		*33 - 123*	*11/22/19 19:47*	*11/26/19 15:25*	*1*
Phenol-d6 (Surr)	*67*		*26 - 122*	*11/22/19 19:47*	*11/26/19 15:25*	*1*
p-Terphenyl-d14 (Surr)	*76*		*27 - 159*	*11/22/19 19:47*	*11/26/19 15:25*	*1*

Client Sample ID: B4-25
Date Collected: 11/21/19 10:16
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-17
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 15:44	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 15:44	1
Acenaphthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 15:44	1
Acenaphthylene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 15:44	1
Anthracene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 15:44	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 15:44	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 15:44	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 15:44	1
Benzo[g,h,i]perylene	**0.65**		0.50	mg/Kg		11/22/19 19:47	11/26/19 15:44	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 15:44	1
Chrysene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 15:44	1
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 15:44	1
Fluoranthene	**0.56**		0.50	mg/Kg		11/22/19 19:47	11/26/19 15:44	1
Fluorene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 15:44	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 15:44	1
Naphthalene	ND	*	0.50	mg/Kg		11/22/19 19:47	11/26/19 15:44	1
Phenanthrene	ND		0.50	mg/Kg		11/22/19 19:47	11/26/19 15:44	1
Pyrene	**0.84**		0.50	mg/Kg		11/22/19 19:47	11/26/19 15:44	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	49		18 - 138	11/22/19 19:47	11/26/19 15:44	1
2-Fluorobiphenyl (Surr)	50		27 - 120	11/22/19 19:47	11/26/19 15:44	1
2-Fluorophenol (Surr)	51		25 - 120	11/22/19 19:47	11/26/19 15:44	1
Nitrobenzene-d5 (Surr)	51		33 - 123	11/22/19 19:47	11/26/19 15:44	1
Phenol-d6 (Surr)	53		26 - 122	11/22/19 19:47	11/26/19 15:44	1
p-Terphenyl-d14 (Surr)	72		27 - 159	11/22/19 19:47	11/26/19 15:44	1

Client Sample ID: B4-30 — **Lab Sample ID: 570-13628-18**
Date Collected: 11/21/19 10:26 — **Matrix: Solid**
Date Received: 11/21/19 16:43

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 19:47	11/25/19 21:38	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 19:47	11/25/19 21:38	1
Acenaphthene	ND		0.50	mg/Kg		11/22/19 19:47	11/25/19 21:38	1
Acenaphthylene	ND		0.50	mg/Kg		11/22/19 19:47	11/25/19 21:38	1
Anthracene	ND		0.50	mg/Kg		11/22/19 19:47	11/25/19 21:38	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/22/19 19:47	11/25/19 21:38	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/22/19 19:47	11/25/19 21:38	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/22/19 19:47	11/25/19 21:38	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/22/19 19:47	11/25/19 21:38	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/22/19 19:47	11/25/19 21:38	1
Chrysene	ND		0.50	mg/Kg		11/22/19 19:47	11/25/19 21:38	1
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/22/19 19:47	11/25/19 21:38	1
Fluoranthene	ND		0.50	mg/Kg		11/22/19 19:47	11/25/19 21:38	1
Fluorene	ND		0.50	mg/Kg		11/22/19 19:47	11/25/19 21:38	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/22/19 19:47	11/25/19 21:38	1
Naphthalene	ND	*	0.50	mg/Kg		11/22/19 19:47	11/25/19 21:38	1
Phenanthrene	ND		0.50	mg/Kg		11/22/19 19:47	11/25/19 21:38	1
Pyrene	ND		0.50	mg/Kg		11/22/19 19:47	11/25/19 21:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	65		18 - 138	11/22/19 19:47	11/25/19 21:38	1
2-Fluorobiphenyl (Surr)	64		27 - 120	11/22/19 19:47	11/25/19 21:38	1
2-Fluorophenol (Surr)	65		25 - 120	11/22/19 19:47	11/25/19 21:38	1
Nitrobenzene-d5 (Surr)	63		33 - 123	11/22/19 19:47	11/25/19 21:38	1
Phenol-d6 (Surr)	65		26 - 122	11/22/19 19:47	11/25/19 21:38	1
p-Terphenyl-d14 (Surr)	75		27 - 159	11/22/19 19:47	11/25/19 21:38	1

Client Sample ID: B7-5 — **Lab Sample ID: 570-13628-19**
Date Collected: 11/21/19 10:57 — **Matrix: Solid**
Date Received: 11/21/19 16:43

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 19:49	11/25/19 21:57	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 19:49	11/25/19 21:57	1
Acenaphthene	ND		0.50	mg/Kg		11/22/19 19:49	11/25/19 21:57	1
Acenaphthylene	ND		0.50	mg/Kg		11/22/19 19:49	11/25/19 21:57	1
Anthracene	ND		0.50	mg/Kg		11/22/19 19:49	11/25/19 21:57	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/22/19 19:49	11/25/19 21:57	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/22/19 19:49	11/25/19 21:57	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/22/19 19:49	11/25/19 21:57	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/22/19 19:49	11/25/19 21:57	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/22/19 19:49	11/25/19 21:57	1
Chrysene	ND		0.50	mg/Kg		11/22/19 19:49	11/25/19 21:57	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B7-5
Date Collected: 11/21/19 10:57
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-19
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/22/19 19:49	11/25/19 21:57	1
Fluoranthene	ND		0.50	mg/Kg		11/22/19 19:49	11/25/19 21:57	1
Fluorene	ND		0.50	mg/Kg		11/22/19 19:49	11/25/19 21:57	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/22/19 19:49	11/25/19 21:57	1
Naphthalene	ND	*	0.50	mg/Kg		11/22/19 19:49	11/25/19 21:57	1
Phenanthrene	ND		0.50	mg/Kg		11/22/19 19:49	11/25/19 21:57	1
Pyrene	ND		0.50	mg/Kg		11/22/19 19:49	11/25/19 21:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*71*		*18 - 138*	*11/22/19 19:49*	*11/25/19 21:57*	*1*
2-Fluorobiphenyl (Surr)	*72*		*27 - 120*	*11/22/19 19:49*	*11/25/19 21:57*	*1*
2-Fluorophenol (Surr)	*71*		*25 - 120*	*11/22/19 19:49*	*11/25/19 21:57*	*1*
Nitrobenzene-d5 (Surr)	*72*		*33 - 123*	*11/22/19 19:49*	*11/25/19 21:57*	*1*
Phenol-d6 (Surr)	*76*		*26 - 122*	*11/22/19 19:49*	*11/25/19 21:57*	*1*
p-Terphenyl-d14 (Surr)	*86*		*27 - 159*	*11/22/19 19:49*	*11/25/19 21:57*	*1*

Client Sample ID: B7-10
Date Collected: 11/21/19 11:00
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-20
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/26/19 13:20	11/27/19 18:43	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/26/19 13:20	11/27/19 18:43	1
Acenaphthene	ND		0.50	mg/Kg		11/26/19 13:20	11/27/19 18:43	1
Acenaphthylene	ND		0.50	mg/Kg		11/26/19 13:20	11/27/19 18:43	1
Anthracene	ND		0.50	mg/Kg		11/26/19 13:20	11/27/19 18:43	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/26/19 13:20	11/27/19 18:43	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/26/19 13:20	11/27/19 18:43	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/26/19 13:20	11/27/19 18:43	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/26/19 13:20	11/27/19 18:43	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/26/19 13:20	11/27/19 18:43	1
Chrysene	ND		0.50	mg/Kg		11/26/19 13:20	11/27/19 18:43	1
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/26/19 13:20	11/27/19 18:43	1
Fluoranthene	ND		0.50	mg/Kg		11/26/19 13:20	11/27/19 18:43	1
Fluorene	ND		0.50	mg/Kg		11/26/19 13:20	11/27/19 18:43	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/26/19 13:20	11/27/19 18:43	1
Naphthalene	ND		0.50	mg/Kg		11/26/19 13:20	11/27/19 18:43	1
Phenanthrene	ND		0.50	mg/Kg		11/26/19 13:20	11/27/19 18:43	1
Pyrene	ND		0.50	mg/Kg		11/26/19 13:20	11/27/19 18:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*75*		*18 - 138*	*11/26/19 13:20*	*11/27/19 18:43*	*1*
2-Fluorobiphenyl (Surr)	*74*		*27 - 120*	*11/26/19 13:20*	*11/27/19 18:43*	*1*
2-Fluorophenol (Surr)	*80*		*25 - 120*	*11/26/19 13:20*	*11/27/19 18:43*	*1*
Nitrobenzene-d5 (Surr)	*77*		*33 - 123*	*11/26/19 13:20*	*11/27/19 18:43*	*1*
Phenol-d6 (Surr)	*81*		*26 - 122*	*11/26/19 13:20*	*11/27/19 18:43*	*1*
p-Terphenyl-d14 (Surr)	*86*		*27 - 159*	*11/26/19 13:20*	*11/27/19 18:43*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Client Sample ID: B7-15
Date Collected: 11/21/19 11:05
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-21
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		12/02/19 09:15	12/03/19 14:02	1
2-Methylnaphthalene	ND		0.50	mg/Kg		12/02/19 09:15	12/03/19 14:02	1
Acenaphthene	ND		0.50	mg/Kg		12/02/19 09:15	12/03/19 14:02	1
Acenaphthylene	ND		0.50	mg/Kg		12/02/19 09:15	12/03/19 14:02	1
Anthracene	ND		0.50	mg/Kg		12/02/19 09:15	12/03/19 14:02	1
Benzo[a]anthracene	ND		0.50	mg/Kg		12/02/19 09:15	12/03/19 14:02	1
Benzo[a]pyrene	ND		0.50	mg/Kg		12/02/19 09:15	12/03/19 14:02	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		12/02/19 09:15	12/03/19 14:02	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		12/02/19 09:15	12/03/19 14:02	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		12/02/19 09:15	12/03/19 14:02	1
Chrysene	ND		0.50	mg/Kg		12/02/19 09:15	12/03/19 14:02	1
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		12/02/19 09:15	12/03/19 14:02	1
Fluoranthene	ND		0.50	mg/Kg		12/02/19 09:15	12/03/19 14:02	1
Fluorene	ND		0.50	mg/Kg		12/02/19 09:15	12/03/19 14:02	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		12/02/19 09:15	12/03/19 14:02	1
Naphthalene	ND		0.50	mg/Kg		12/02/19 09:15	12/03/19 14:02	1
Phenanthrene	ND		0.50	mg/Kg		12/02/19 09:15	12/03/19 14:02	1
Pyrene	ND		0.50	mg/Kg		12/02/19 09:15	12/03/19 14:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*62*		*18 - 138*	*12/02/19 09:15*	*12/03/19 14:02*	*1*
2-Fluorobiphenyl (Surr)	*66*		*27 - 120*	*12/02/19 09:15*	*12/03/19 14:02*	*1*
2-Fluorophenol (Surr)	*64*		*25 - 120*	*12/02/19 09:15*	*12/03/19 14:02*	*1*
Nitrobenzene-d5 (Surr)	*62*		*33 - 123*	*12/02/19 09:15*	*12/03/19 14:02*	*1*
Phenol-d6 (Surr)	*68*		*26 - 122*	*12/02/19 09:15*	*12/03/19 14:02*	*1*
p-Terphenyl-d14 (Surr)	*89*		*27 - 159*	*12/02/19 09:15*	*12/03/19 14:02*	*1*

Client Sample ID: B7-20
Date Collected: 11/21/19 11:18
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-22
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 15:25	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 15:25	1
Acenaphthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 15:25	1
Acenaphthylene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 15:25	1
Anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 15:25	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 15:25	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 15:25	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 15:25	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 15:25	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 15:25	1
Chrysene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 15:25	1
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 15:25	1
Fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 15:25	1
Fluorene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 15:25	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 15:25	1
Naphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 15:25	1
Phenanthrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 15:25	1
Pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 15:25	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	74		18 - 138	11/22/19 20:31	11/26/19 15:25	1
2-Fluorobiphenyl (Surr)	66		27 - 120	11/22/19 20:31	11/26/19 15:25	1
2-Fluorophenol (Surr)	66		25 - 120	11/22/19 20:31	11/26/19 15:25	1
Nitrobenzene-d5 (Surr)	53		33 - 123	11/22/19 20:31	11/26/19 15:25	1
Phenol-d6 (Surr)	65		26 - 122	11/22/19 20:31	11/26/19 15:25	1
p-Terphenyl-d14 (Surr)	87		27 - 159	11/22/19 20:31	11/26/19 15:25	1

Client Sample ID: B7-25
Date Collected: 11/21/19 11:25
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-23
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 21:52	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 21:52	1
Acenaphthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 21:52	1
Acenaphthylene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 21:52	1
Anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 21:52	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 21:52	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 21:52	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 21:52	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 21:52	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 21:52	1
Chrysene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 21:52	1
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 21:52	1
Fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 21:52	1
Fluorene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 21:52	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 21:52	1
Naphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 21:52	1
Phenanthrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 21:52	1
Pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 21:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	80		18 - 138	11/22/19 20:31	11/26/19 21:52	1
2-Fluorobiphenyl (Surr)	75		27 - 120	11/22/19 20:31	11/26/19 21:52	1
2-Fluorophenol (Surr)	79		25 - 120	11/22/19 20:31	11/26/19 21:52	1
Nitrobenzene-d5 (Surr)	62		33 - 123	11/22/19 20:31	11/26/19 21:52	1
Phenol-d6 (Surr)	76		26 - 122	11/22/19 20:31	11/26/19 21:52	1
p-Terphenyl-d14 (Surr)	83		27 - 159	11/22/19 20:31	11/26/19 21:52	1

Client Sample ID: B7-30
Date Collected: 11/21/19 11:35
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-24
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:04	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:04	1
Acenaphthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:04	1
Acenaphthylene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:04	1
Anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:04	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:04	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:04	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:04	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:04	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:04	1
Chrysene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:04	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B7-30
Date Collected: 11/21/19 11:35
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-24
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:04	1
Fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:04	1
Fluorene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:04	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:04	1
Naphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:04	1
Phenanthrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:04	1
Pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*69*		*18 - 138*	*11/22/19 20:31*	*11/26/19 16:04*	*1*
2-Fluorobiphenyl (Surr)	*58*		*27 - 120*	*11/22/19 20:31*	*11/26/19 16:04*	*1*
2-Fluorophenol (Surr)	*56*		*25 - 120*	*11/22/19 20:31*	*11/26/19 16:04*	*1*
Nitrobenzene-d5 (Surr)	*45*		*33 - 123*	*11/22/19 20:31*	*11/26/19 16:04*	*1*
Phenol-d6 (Surr)	*58*		*26 - 122*	*11/22/19 20:31*	*11/26/19 16:04*	*1*
p-Terphenyl-d14 (Surr)	*75*		*27 - 159*	*11/22/19 20:31*	*11/26/19 16:04*	*1*

Client Sample ID: B8-5
Date Collected: 11/21/19 11:50
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-25
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:23	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:23	1
Acenaphthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:23	1
Acenaphthylene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:23	1
Anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:23	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:23	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:23	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:23	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:23	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:23	1
Chrysene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:23	1
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:23	1
Fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:23	1
Fluorene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:23	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:23	1
Naphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:23	1
Phenanthrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:23	1
Pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*86*		*18 - 138*	*11/22/19 20:31*	*11/26/19 16:23*	*1*
2-Fluorobiphenyl (Surr)	*82*		*27 - 120*	*11/22/19 20:31*	*11/26/19 16:23*	*1*
2-Fluorophenol (Surr)	*86*		*25 - 120*	*11/22/19 20:31*	*11/26/19 16:23*	*1*
Nitrobenzene-d5 (Surr)	*66*		*33 - 123*	*11/22/19 20:31*	*11/26/19 16:23*	*1*
Phenol-d6 (Surr)	*85*		*26 - 122*	*11/22/19 20:31*	*11/26/19 16:23*	*1*
p-Terphenyl-d14 (Surr)	*91*		*27 - 159*	*11/22/19 20:31*	*11/26/19 16:23*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Client Sample ID: B8-10
Date Collected: 11/21/19 11:54
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-26
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:42	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:42	1
Acenaphthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:42	1
Acenaphthylene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:42	1
Anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:42	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:42	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:42	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:42	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:42	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:42	1
Chrysene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:42	1
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:42	1
Fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:42	1
Fluorene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:42	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:42	1
Naphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:42	1
Phenanthrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:42	1
Pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 16:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*89*		*18 - 138*	*11/22/19 20:31*	*11/26/19 16:42*	*1*
2-Fluorobiphenyl (Surr)	*79*		*27 - 120*	*11/22/19 20:31*	*11/26/19 16:42*	*1*
2-Fluorophenol (Surr)	*82*		*25 - 120*	*11/22/19 20:31*	*11/26/19 16:42*	*1*
Nitrobenzene-d5 (Surr)	*66*		*33 - 123*	*11/22/19 20:31*	*11/26/19 16:42*	*1*
Phenol-d6 (Surr)	*79*		*26 - 122*	*11/22/19 20:31*	*11/26/19 16:42*	*1*
p-Terphenyl-d14 (Surr)	*87*		*27 - 159*	*11/22/19 20:31*	*11/26/19 16:42*	*1*

Client Sample ID: B8-15
Date Collected: 11/21/19 11:58
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-27
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:02	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:02	1
Acenaphthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:02	1
Acenaphthylene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:02	1
Anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:02	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:02	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:02	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:02	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:02	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:02	1
Chrysene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:02	1
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:02	1
Fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:02	1
Fluorene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:02	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:02	1
Naphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:02	1
Phenanthrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:02	1
Pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:02	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*100*		*18 - 138*	*11/22/19 20:31*	*11/26/19 17:02*	*1*
2-Fluorobiphenyl (Surr)	*90*		*27 - 120*	*11/22/19 20:31*	*11/26/19 17:02*	*1*
2-Fluorophenol (Surr)	*92*		*25 - 120*	*11/22/19 20:31*	*11/26/19 17:02*	*1*
Nitrobenzene-d5 (Surr)	*76*		*33 - 123*	*11/22/19 20:31*	*11/26/19 17:02*	*1*
Phenol-d6 (Surr)	*90*		*26 - 122*	*11/22/19 20:31*	*11/26/19 17:02*	*1*
p-Terphenyl-d14 (Surr)	*98*		*27 - 159*	*11/22/19 20:31*	*11/26/19 17:02*	*1*

Client Sample ID: B8-20 **Lab Sample ID: 570-13628-28**
Date Collected: 11/21/19 12:05 **Matrix: Solid**
Date Received: 11/21/19 16:43

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:21	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:21	1
Acenaphthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:21	1
Acenaphthylene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:21	1
Anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:21	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:21	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:21	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:21	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:21	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:21	1
Chrysene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:21	1
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:21	1
Fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:21	1
Fluorene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:21	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:21	1
Naphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:21	1
Phenanthrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:21	1
Pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*84*		*18 - 138*	*11/22/19 20:31*	*11/26/19 17:21*	*1*
2-Fluorobiphenyl (Surr)	*77*		*27 - 120*	*11/22/19 20:31*	*11/26/19 17:21*	*1*
2-Fluorophenol (Surr)	*79*		*25 - 120*	*11/22/19 20:31*	*11/26/19 17:21*	*1*
Nitrobenzene-d5 (Surr)	*64*		*33 - 123*	*11/22/19 20:31*	*11/26/19 17:21*	*1*
Phenol-d6 (Surr)	*80*		*26 - 122*	*11/22/19 20:31*	*11/26/19 17:21*	*1*
p-Terphenyl-d14 (Surr)	*85*		*27 - 159*	*11/22/19 20:31*	*11/26/19 17:21*	*1*

Client Sample ID: B8-25 **Lab Sample ID: 570-13628-29**
Date Collected: 11/21/19 12:12 **Matrix: Solid**
Date Received: 11/21/19 16:43

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:40	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:40	1
Acenaphthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:40	1
Acenaphthylene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:40	1
Anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:40	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:40	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:40	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:40	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:40	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:40	1
Chrysene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:40	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B8-25
Date Collected: 11/21/19 12:12
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-29
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:40	1
Fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:40	1
Fluorene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:40	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:40	1
Naphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:40	1
Phenanthrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:40	1
Pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 17:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*71*		*18 - 138*	*11/22/19 20:31*	*11/26/19 17:40*	*1*
2-Fluorobiphenyl (Surr)	*60*		*27 - 120*	*11/22/19 20:31*	*11/26/19 17:40*	*1*
2-Fluorophenol (Surr)	*63*		*25 - 120*	*11/22/19 20:31*	*11/26/19 17:40*	*1*
Nitrobenzene-d5 (Surr)	*52*		*33 - 123*	*11/22/19 20:31*	*11/26/19 17:40*	*1*
Phenol-d6 (Surr)	*63*		*26 - 122*	*11/22/19 20:31*	*11/26/19 17:40*	*1*
p-Terphenyl-d14 (Surr)	*88*		*27 - 159*	*11/22/19 20:31*	*11/26/19 17:40*	*1*

Client Sample ID: B8-30
Date Collected: 11/21/19 12:21
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-30
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:00	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:00	1
Acenaphthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:00	1
Acenaphthylene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:00	1
Anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:00	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:00	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:00	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:00	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:00	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:00	1
Chrysene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:00	1
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:00	1
Fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:00	1
Fluorene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:00	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:00	1
Naphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:00	1
Phenanthrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:00	1
Pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*50*		*18 - 138*	*11/22/19 20:31*	*11/26/19 18:00*	*1*
2-Fluorobiphenyl (Surr)	*42*		*27 - 120*	*11/22/19 20:31*	*11/26/19 18:00*	*1*
2-Fluorophenol (Surr)	*38*		*25 - 120*	*11/22/19 20:31*	*11/26/19 18:00*	*1*
Nitrobenzene-d5 (Surr)	*33*		*33 - 123*	*11/22/19 20:31*	*11/26/19 18:00*	*1*
Phenol-d6 (Surr)	*44*		*26 - 122*	*11/22/19 20:31*	*11/26/19 18:00*	*1*
p-Terphenyl-d14 (Surr)	*80*		*27 - 159*	*11/22/19 20:31*	*11/26/19 18:00*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Client Sample ID: B9-5
Date Collected: 11/21/19 14:07
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-31
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:19	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:19	1
Acenaphthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:19	1
Acenaphthylene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:19	1
Anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:19	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:19	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:19	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:19	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:19	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:19	1
Chrysene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:19	1
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:19	1
Fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:19	1
Fluorene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:19	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:19	1
Naphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:19	1
Phenanthrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:19	1
Pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*72*		*18 - 138*	*11/22/19 20:31*	*11/26/19 18:19*	*1*
2-Fluorobiphenyl (Surr)	*57*		*27 - 120*	*11/22/19 20:31*	*11/26/19 18:19*	*1*
2-Fluorophenol (Surr)	*53*		*25 - 120*	*11/22/19 20:31*	*11/26/19 18:19*	*1*
Nitrobenzene-d5 (Surr)	*43*		*33 - 123*	*11/22/19 20:31*	*11/26/19 18:19*	*1*
Phenol-d6 (Surr)	*58*		*26 - 122*	*11/22/19 20:31*	*11/26/19 18:19*	*1*
p-Terphenyl-d14 (Surr)	*87*		*27 - 159*	*11/22/19 20:31*	*11/26/19 18:19*	*1*

Client Sample ID: B9-10
Date Collected: 11/21/19 14:11
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-32
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:38	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:38	1
Acenaphthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:38	1
Acenaphthylene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:38	1
Anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:38	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:38	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:38	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:38	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:38	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:38	1
Chrysene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:38	1
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:38	1
Fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:38	1
Fluorene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:38	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:38	1
Naphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:38	1
Phenanthrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:38	1
Pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:38	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	90		18 - 138	11/22/19 20:31	11/26/19 18:38	1
2-Fluorobiphenyl (Surr)	77		27 - 120	11/22/19 20:31	11/26/19 18:38	1
2-Fluorophenol (Surr)	80		25 - 120	11/22/19 20:31	11/26/19 18:38	1
Nitrobenzene-d5 (Surr)	67		33 - 123	11/22/19 20:31	11/26/19 18:38	1
Phenol-d6 (Surr)	81		26 - 122	11/22/19 20:31	11/26/19 18:38	1
p-Terphenyl-d14 (Surr)	94		27 - 159	11/22/19 20:31	11/26/19 18:38	1

Client Sample ID: B9-15
Date Collected: 11/21/19 14:16
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-33
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:58	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:58	1
Acenaphthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:58	1
Acenaphthylene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:58	1
Anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:58	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:58	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:58	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:58	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:58	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:58	1
Chrysene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:58	1
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:58	1
Fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:58	1
Fluorene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:58	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:58	1
Naphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:58	1
Phenanthrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:58	1
Pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 18:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	63		18 - 138	11/22/19 20:31	11/26/19 18:58	1
2-Fluorobiphenyl (Surr)	56		27 - 120	11/22/19 20:31	11/26/19 18:58	1
2-Fluorophenol (Surr)	54		25 - 120	11/22/19 20:31	11/26/19 18:58	1
Nitrobenzene-d5 (Surr)	46		33 - 123	11/22/19 20:31	11/26/19 18:58	1
Phenol-d6 (Surr)	58		26 - 122	11/22/19 20:31	11/26/19 18:58	1
p-Terphenyl-d14 (Surr)	88		27 - 159	11/22/19 20:31	11/26/19 18:58	1

Client Sample ID: B9-20
Date Collected: 11/21/19 14:23
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-34
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:17	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:17	1
Acenaphthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:17	1
Acenaphthylene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:17	1
Anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:17	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:17	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:17	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:17	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:17	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:17	1
Chrysene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:17	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B9-20
Date Collected: 11/21/19 14:23
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-34
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:17	1
Fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:17	1
Fluorene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:17	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:17	1
Naphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:17	1
Phenanthrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:17	1
Pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*86*		*18 - 138*	*11/22/19 20:31*	*11/26/19 19:17*	*1*
2-Fluorobiphenyl (Surr)	*73*		*27 - 120*	*11/22/19 20:31*	*11/26/19 19:17*	*1*
2-Fluorophenol (Surr)	*78*		*25 - 120*	*11/22/19 20:31*	*11/26/19 19:17*	*1*
Nitrobenzene-d5 (Surr)	*62*		*33 - 123*	*11/22/19 20:31*	*11/26/19 19:17*	*1*
Phenol-d6 (Surr)	*77*		*26 - 122*	*11/22/19 20:31*	*11/26/19 19:17*	*1*
p-Terphenyl-d14 (Surr)	*92*		*27 - 159*	*11/22/19 20:31*	*11/26/19 19:17*	*1*

Client Sample ID: B9-25
Date Collected: 11/21/19 14:30
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-35
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:36	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:36	1
Acenaphthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:36	1
Acenaphthylene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:36	1
Anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:36	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:36	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:36	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:36	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:36	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:36	1
Chrysene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:36	1
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:36	1
Fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:36	1
Fluorene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:36	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:36	1
Naphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:36	1
Phenanthrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:36	1
Pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*83*		*18 - 138*	*11/22/19 20:31*	*11/26/19 19:36*	*1*
2-Fluorobiphenyl (Surr)	*83*		*27 - 120*	*11/22/19 20:31*	*11/26/19 19:36*	*1*
2-Fluorophenol (Surr)	*81*		*25 - 120*	*11/22/19 20:31*	*11/26/19 19:36*	*1*
Nitrobenzene-d5 (Surr)	*70*		*33 - 123*	*11/22/19 20:31*	*11/26/19 19:36*	*1*
Phenol-d6 (Surr)	*87*		*26 - 122*	*11/22/19 20:31*	*11/26/19 19:36*	*1*
p-Terphenyl-d14 (Surr)	*93*		*27 - 159*	*11/22/19 20:31*	*11/26/19 19:36*	*1*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Client Sample ID: B9-30
Date Collected: 11/21/19 14:45
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-36
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:56	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:56	1
Acenaphthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:56	1
Acenaphthylene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:56	1
Anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:56	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:56	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:56	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:56	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:56	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:56	1
Chrysene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:56	1
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:56	1
Fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:56	1
Fluorene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:56	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:56	1
Naphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:56	1
Phenanthrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:56	1
Pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 19:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*81*		*18 - 138*	*11/22/19 20:31*	*11/26/19 19:56*	*1*
2-Fluorobiphenyl (Surr)	*75*		*27 - 120*	*11/22/19 20:31*	*11/26/19 19:56*	*1*
2-Fluorophenol (Surr)	*77*		*25 - 120*	*11/22/19 20:31*	*11/26/19 19:56*	*1*
Nitrobenzene-d5 (Surr)	*64*		*33 - 123*	*11/22/19 20:31*	*11/26/19 19:56*	*1*
Phenol-d6 (Surr)	*77*		*26 - 122*	*11/22/19 20:31*	*11/26/19 19:56*	*1*
p-Terphenyl-d14 (Surr)	*89*		*27 - 159*	*11/22/19 20:31*	*11/26/19 19:56*	*1*

Client Sample ID: B1-3
Date Collected: 11/21/19 14:57
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-37
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:15	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:15	1
Acenaphthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:15	1
Acenaphthylene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:15	1
Anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:15	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:15	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:15	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:15	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:15	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:15	1
Chrysene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:15	1
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:15	1
Fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:15	1
Fluorene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:15	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:15	1
Naphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:15	1
Phenanthrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:15	1
Pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:15	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	75		18 - 138	11/22/19 20:31	11/26/19 20:15	1
2-Fluorobiphenyl (Surr)	78		27 - 120	11/22/19 20:31	11/26/19 20:15	1
2-Fluorophenol (Surr)	80		25 - 120	11/22/19 20:31	11/26/19 20:15	1
Nitrobenzene-d5 (Surr)	65		33 - 123	11/22/19 20:31	11/26/19 20:15	1
Phenol-d6 (Surr)	83		26 - 122	11/22/19 20:31	11/26/19 20:15	1
p-Terphenyl-d14 (Surr)	93		27 - 159	11/22/19 20:31	11/26/19 20:15	1

Client Sample ID: B3-1
Date Collected: 11/21/19 13:10
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-38
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:35	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:35	1
Acenaphthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:35	1
Acenaphthylene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:35	1
Anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:35	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:35	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:35	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:35	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:35	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:35	1
Chrysene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:35	1
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:35	1
Fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:35	1
Fluorene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:35	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:35	1
Naphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:35	1
Phenanthrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:35	1
Pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	86		18 - 138	11/22/19 20:31	11/26/19 20:35	1
2-Fluorobiphenyl (Surr)	86		27 - 120	11/22/19 20:31	11/26/19 20:35	1
2-Fluorophenol (Surr)	85		25 - 120	11/22/19 20:31	11/26/19 20:35	1
Nitrobenzene-d5 (Surr)	69		33 - 123	11/22/19 20:31	11/26/19 20:35	1
Phenol-d6 (Surr)	84		26 - 122	11/22/19 20:31	11/26/19 20:35	1
p-Terphenyl-d14 (Surr)	98		27 - 159	11/22/19 20:31	11/26/19 20:35	1

Client Sample ID: B9-1
Date Collected: 11/21/19 13:00
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-39
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:54	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:54	1
Acenaphthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:54	1
Acenaphthylene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:54	1
Anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:54	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:54	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:54	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:54	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:54	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:54	1
Chrysene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:54	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Client Sample ID: B9-1
Date Collected: 11/21/19 13:00
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-39
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:54	1
Fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:54	1
Fluorene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:54	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:54	1
Naphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:54	1
Phenanthrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:54	1
Pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 20:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*72*		*18 - 138*	*11/22/19 20:31*	*11/26/19 20:54*	*1*
2-Fluorobiphenyl (Surr)	*69*		*27 - 120*	*11/22/19 20:31*	*11/26/19 20:54*	*1*
2-Fluorophenol (Surr)	*69*		*25 - 120*	*11/22/19 20:31*	*11/26/19 20:54*	*1*
Nitrobenzene-d5 (Surr)	*57*		*33 - 123*	*11/22/19 20:31*	*11/26/19 20:54*	*1*
Phenol-d6 (Surr)	*70*		*26 - 122*	*11/22/19 20:31*	*11/26/19 20:54*	*1*
p-Terphenyl-d14 (Surr)	*80*		*27 - 159*	*11/22/19 20:31*	*11/26/19 20:54*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: B5-5
Date Collected: 11/21/19 13:05
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-1
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9	mg/Kg		11/27/19 18:14	12/01/19 02:19	1
C7 as C7	ND		4.9	mg/Kg		11/27/19 18:14	12/01/19 02:19	1
C8 as C8	ND		4.9	mg/Kg		11/27/19 18:14	12/01/19 02:19	1
C9-C10	ND		4.9	mg/Kg		11/27/19 18:14	12/01/19 02:19	1
C11-C12	ND		4.9	mg/Kg		11/27/19 18:14	12/01/19 02:19	1
C13-C14	ND		4.9	mg/Kg		11/27/19 18:14	12/01/19 02:19	1
C15-C16	ND		4.9	mg/Kg		11/27/19 18:14	12/01/19 02:19	1
C17-C18	ND		4.9	mg/Kg		11/27/19 18:14	12/01/19 02:19	1
C19-C20	ND		4.9	mg/Kg		11/27/19 18:14	12/01/19 02:19	1
C21-C22	ND		4.9	mg/Kg		11/27/19 18:14	12/01/19 02:19	1
C23-C24	ND		4.9	mg/Kg		11/27/19 18:14	12/01/19 02:19	1
C25-C28	ND		4.9	mg/Kg		11/27/19 18:14	12/01/19 02:19	1
C29-C32	ND		4.9	mg/Kg		11/27/19 18:14	12/01/19 02:19	1
C33-C36	ND		4.9	mg/Kg		11/27/19 18:14	12/01/19 02:19	1
C37-C40	ND		4.9	mg/Kg		11/27/19 18:14	12/01/19 02:19	1
C41-C44	ND		4.9	mg/Kg		11/27/19 18:14	12/01/19 02:19	1
C6-C44	ND		4.9	mg/Kg		11/27/19 18:14	12/01/19 02:19	1
Diesel Range Organics [C10-C28]	ND		4.9	mg/Kg		11/27/19 18:14	12/01/19 02:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*93*		*61 - 145*	*11/27/19 18:14*	*12/01/19 02:19*	*1*

Client Sample ID: B5-10
Date Collected: 11/21/19 13:20
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-2
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 02:40	1
C7 as C7	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 02:40	1
C8 as C8	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 02:40	1
C9-C10	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 02:40	1
C11-C12	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 02:40	1
C13-C14	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 02:40	1
C15-C16	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 02:40	1
C17-C18	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 02:40	1
C19-C20	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 02:40	1
C21-C22	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 02:40	1
C23-C24	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 02:40	1
C25-C28	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 02:40	1
C29-C32	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 02:40	1
C33-C36	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 02:40	1
C37-C40	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 02:40	1
C41-C44	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 02:40	1
C6-C44	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 02:40	1
Diesel Range Organics [C10-C28]	ND		5.0	mg/Kg		11/27/19 18:14	12/01/19 02:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*91*		*61 - 145*	*11/27/19 18:14*	*12/01/19 02:40*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: B5-15
Date Collected: 11/21/19 13:28
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-3
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 02:09	1
C7 as C7	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 02:09	1
C8 as C8	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 02:09	1
C9-C10	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 02:09	1
C11-C12	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 02:09	1
C13-C14	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 02:09	1
C15-C16	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 02:09	1
C17-C18	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 02:09	1
C19-C20	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 02:09	1
C21-C22	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 02:09	1
C23-C24	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 02:09	1
C25-C28	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 02:09	1
C29-C32	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 02:09	1
C33-C36	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 02:09	1
C37-C40	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 02:09	1
C41-C44	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 02:09	1
C6-C44	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 02:09	1
Diesel Range Organics [C10-C28]	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 02:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*96*		*61 - 145*	*11/27/19 18:29*	*12/01/19 02:09*	*1*

Client Sample ID: B5-20
Date Collected: 11/21/19 13:35
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-4
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 02:29	1
C7 as C7	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 02:29	1
C8 as C8	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 02:29	1
C9-C10	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 02:29	1
C11-C12	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 02:29	1
C13-C14	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 02:29	1
C15-C16	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 02:29	1
C17-C18	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 02:29	1
C19-C20	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 02:29	1
C21-C22	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 02:29	1
C23-C24	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 02:29	1
C25-C28	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 02:29	1
C29-C32	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 02:29	1
C33-C36	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 02:29	1
C37-C40	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 02:29	1
C41-C44	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 02:29	1
C6-C44	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 02:29	1
Diesel Range Organics [C10-C28]	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 02:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*86*		*61 - 145*	*11/27/19 18:29*	*12/01/19 02:29*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: B5-25
Date Collected: 11/21/19 13:40
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-5
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		25	mg/Kg		11/27/19 18:29	12/01/19 02:48	5
C7 as C7	ND		25	mg/Kg		11/27/19 18:29	12/01/19 02:48	5
C8 as C8	ND		25	mg/Kg		11/27/19 18:29	12/01/19 02:48	5
C9-C10	ND		25	mg/Kg		11/27/19 18:29	12/01/19 02:48	5
C11-C12	ND		25	mg/Kg		11/27/19 18:29	12/01/19 02:48	5
C13-C14	ND		25	mg/Kg		11/27/19 18:29	12/01/19 02:48	5
C15-C16	ND		25	mg/Kg		11/27/19 18:29	12/01/19 02:48	5
C17-C18	ND		25	mg/Kg		11/27/19 18:29	12/01/19 02:48	5
C19-C20	ND		25	mg/Kg		11/27/19 18:29	12/01/19 02:48	5
C21-C22	**84**		25	mg/Kg		11/27/19 18:29	12/01/19 02:48	5
C23-C24	ND		25	mg/Kg		11/27/19 18:29	12/01/19 02:48	5
C25-C28	**75**		25	mg/Kg		11/27/19 18:29	12/01/19 02:48	5
C29-C32	**77**		25	mg/Kg		11/27/19 18:29	12/01/19 02:48	5
C33-C36	**75**		25	mg/Kg		11/27/19 18:29	12/01/19 02:48	5
C37-C40	**32**		25	mg/Kg		11/27/19 18:29	12/01/19 02:48	5
C41-C44	ND		25	mg/Kg		11/27/19 18:29	12/01/19 02:48	5
C6-C44	**390**		25	mg/Kg		11/27/19 18:29	12/01/19 02:48	5
Diesel Range Organics [C10-C28]	**210**		25	mg/Kg		11/27/19 18:29	12/01/19 02:48	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*75*		*61 - 145*	*11/27/19 18:29*	*12/01/19 02:48*	*5*

Client Sample ID: B5-30
Date Collected: 11/21/19 13:50
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-6
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 03:07	1
C7 as C7	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 03:07	1
C8 as C8	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 03:07	1
C9-C10	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 03:07	1
C11-C12	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 03:07	1
C13-C14	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 03:07	1
C15-C16	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 03:07	1
C17-C18	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 03:07	1
C19-C20	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 03:07	1
C21-C22	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 03:07	1
C23-C24	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 03:07	1
C25-C28	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 03:07	1
C29-C32	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 03:07	1
C33-C36	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 03:07	1
C37-C40	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 03:07	1
C41-C44	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 03:07	1
C6-C44	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 03:07	1
Diesel Range Organics [C10-C28]	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 03:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*92*		*61 - 145*	*11/27/19 18:29*	*12/01/19 03:07*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: B6-5
Date Collected: 11/21/19 08:25
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-7
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.8	mg/Kg		11/27/19 18:29	12/01/19 03:27	1
C7 as C7	ND		4.8	mg/Kg		11/27/19 18:29	12/01/19 03:27	1
C8 as C8	ND		4.8	mg/Kg		11/27/19 18:29	12/01/19 03:27	1
C9-C10	ND		4.8	mg/Kg		11/27/19 18:29	12/01/19 03:27	1
C11-C12	ND		4.8	mg/Kg		11/27/19 18:29	12/01/19 03:27	1
C13-C14	ND		4.8	mg/Kg		11/27/19 18:29	12/01/19 03:27	1
C15-C16	ND		4.8	mg/Kg		11/27/19 18:29	12/01/19 03:27	1
C17-C18	ND		4.8	mg/Kg		11/27/19 18:29	12/01/19 03:27	1
C19-C20	ND		4.8	mg/Kg		11/27/19 18:29	12/01/19 03:27	1
C21-C22	ND		4.8	mg/Kg		11/27/19 18:29	12/01/19 03:27	1
C23-C24	ND		4.8	mg/Kg		11/27/19 18:29	12/01/19 03:27	1
C25-C28	ND		4.8	mg/Kg		11/27/19 18:29	12/01/19 03:27	1
C29-C32	ND		4.8	mg/Kg		11/27/19 18:29	12/01/19 03:27	1
C33-C36	ND		4.8	mg/Kg		11/27/19 18:29	12/01/19 03:27	1
C37-C40	ND		4.8	mg/Kg		11/27/19 18:29	12/01/19 03:27	1
C41-C44	ND		4.8	mg/Kg		11/27/19 18:29	12/01/19 03:27	1
C6-C44	ND		4.8	mg/Kg		11/27/19 18:29	12/01/19 03:27	1
Diesel Range Organics [C10-C28]	ND		4.8	mg/Kg		11/27/19 18:29	12/01/19 03:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*89*		*61 - 145*	*11/27/19 18:29*	*12/01/19 03:27*	*1*

Client Sample ID: B6-10
Date Collected: 11/21/19 08:30
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-8
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 03:46	1
C7 as C7	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 03:46	1
C8 as C8	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 03:46	1
C9-C10	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 03:46	1
C11-C12	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 03:46	1
C13-C14	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 03:46	1
C15-C16	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 03:46	1
C17-C18	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 03:46	1
C19-C20	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 03:46	1
C21-C22	**5.2**		5.0	mg/Kg		11/27/19 18:29	12/01/19 03:46	1
C23-C24	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 03:46	1
C25-C28	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 03:46	1
C29-C32	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 03:46	1
C33-C36	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 03:46	1
C37-C40	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 03:46	1
C41-C44	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 03:46	1
C6-C44	**11**		5.0	mg/Kg		11/27/19 18:29	12/01/19 03:46	1
Diesel Range Organics [C10-C28]	**13**		5.0	mg/Kg		11/27/19 18:29	12/01/19 03:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*91*		*61 - 145*	*11/27/19 18:29*	*12/01/19 03:46*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: B6-15
Date Collected: 11/21/19 08:35
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-9
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.8	mg/Kg		11/27/19 18:29	12/01/19 04:06	1
C7 as C7	ND		4.8	mg/Kg		11/27/19 18:29	12/01/19 04:06	1
C8 as C8	ND		4.8	mg/Kg		11/27/19 18:29	12/01/19 04:06	1
C9-C10	ND		4.8	mg/Kg		11/27/19 18:29	12/01/19 04:06	1
C11-C12	ND		4.8	mg/Kg		11/27/19 18:29	12/01/19 04:06	1
C13-C14	ND		4.8	mg/Kg		11/27/19 18:29	12/01/19 04:06	1
C15-C16	ND		4.8	mg/Kg		11/27/19 18:29	12/01/19 04:06	1
C17-C18	ND		4.8	mg/Kg		11/27/19 18:29	12/01/19 04:06	1
C19-C20	ND		4.8	mg/Kg		11/27/19 18:29	12/01/19 04:06	1
C21-C22	ND		4.8	mg/Kg		11/27/19 18:29	12/01/19 04:06	1
C23-C24	ND		4.8	mg/Kg		11/27/19 18:29	12/01/19 04:06	1
C25-C28	ND		4.8	mg/Kg		11/27/19 18:29	12/01/19 04:06	1
C29-C32	ND		4.8	mg/Kg		11/27/19 18:29	12/01/19 04:06	1
C33-C36	ND		4.8	mg/Kg		11/27/19 18:29	12/01/19 04:06	1
C37-C40	ND		4.8	mg/Kg		11/27/19 18:29	12/01/19 04:06	1
C41-C44	ND		4.8	mg/Kg		11/27/19 18:29	12/01/19 04:06	1
C6-C44	ND		4.8	mg/Kg		11/27/19 18:29	12/01/19 04:06	1
Diesel Range Organics [C10-C28]	ND		4.8	mg/Kg		11/27/19 18:29	12/01/19 04:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*96*		*61 - 145*	*11/27/19 18:29*	*12/01/19 04:06*	*1*

Client Sample ID: B6-20
Date Collected: 11/21/19 08:40
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-10
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 04:25	1
C7 as C7	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 04:25	1
C8 as C8	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 04:25	1
C9-C10	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 04:25	1
C11-C12	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 04:25	1
C13-C14	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 04:25	1
C15-C16	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 04:25	1
C17-C18	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 04:25	1
C19-C20	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 04:25	1
C21-C22	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 04:25	1
C23-C24	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 04:25	1
C25-C28	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 04:25	1
C29-C32	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 04:25	1
C33-C36	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 04:25	1
C37-C40	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 04:25	1
C41-C44	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 04:25	1
C6-C44	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 04:25	1
Diesel Range Organics [C10-C28]	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 04:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*87*		*61 - 145*	*11/27/19 18:29*	*12/01/19 04:25*	*1*

Client Sample Results

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13628-1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: B6-25
Date Collected: 11/21/19 08:45
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-11
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0	mg/Kg		11/27/19 18:29	12/02/19 12:29	1
C7 as C7	ND		5.0	mg/Kg		11/27/19 18:29	12/02/19 12:29	1
C8 as C8	ND		5.0	mg/Kg		11/27/19 18:29	12/02/19 12:29	1
C9-C10	ND		5.0	mg/Kg		11/27/19 18:29	12/02/19 12:29	1
C11-C12	ND		5.0	mg/Kg		11/27/19 18:29	12/02/19 12:29	1
C13-C14	ND		5.0	mg/Kg		11/27/19 18:29	12/02/19 12:29	1
C15-C16	ND		5.0	mg/Kg		11/27/19 18:29	12/02/19 12:29	1
C17-C18	ND		5.0	mg/Kg		11/27/19 18:29	12/02/19 12:29	1
C19-C20	**6.3**		5.0	mg/Kg		11/27/19 18:29	12/02/19 12:29	1
C21-C22	**14**		5.0	mg/Kg		11/27/19 18:29	12/02/19 12:29	1
C23-C24	**10**		5.0	mg/Kg		11/27/19 18:29	12/02/19 12:29	1
C25-C28	**33**		5.0	mg/Kg		11/27/19 18:29	12/02/19 12:29	1
C29-C32	**40**		5.0	mg/Kg		11/27/19 18:29	12/02/19 12:29	1
C33-C36	**34**		5.0	mg/Kg		11/27/19 18:29	12/02/19 12:29	1
C37-C40	**23**		5.0	mg/Kg		11/27/19 18:29	12/02/19 12:29	1
C41-C44	**11**		5.0	mg/Kg		11/27/19 18:29	12/02/19 12:29	1
C6-C44	**170**		5.0	mg/Kg		11/27/19 18:29	12/02/19 12:29	1
Diesel Range Organics [C10-C28]	**66**		5.0	mg/Kg		11/27/19 18:29	12/02/19 12:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*93*		*61 - 145*	*11/27/19 18:29*	*12/02/19 12:29*	*1*

Client Sample ID: B6-30
Date Collected: 11/21/19 08:50
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-12
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:04	1
C7 as C7	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:04	1
C8 as C8	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:04	1
C9-C10	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:04	1
C11-C12	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:04	1
C13-C14	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:04	1
C15-C16	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:04	1
C17-C18	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:04	1
C19-C20	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:04	1
C21-C22	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:04	1
C23-C24	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:04	1
C25-C28	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:04	1
C29-C32	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:04	1
C33-C36	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:04	1
C37-C40	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:04	1
C41-C44	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:04	1
C6-C44	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:04	1
Diesel Range Organics [C10-C28]	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*93*		*61 - 145*	*11/27/19 18:29*	*12/01/19 05:04*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: B4-5
Date Collected: 11/21/19 09:50
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-13
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:24	1
C7 as C7	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:24	1
C8 as C8	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:24	1
C9-C10	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:24	1
C11-C12	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:24	1
C13-C14	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:24	1
C15-C16	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:24	1
C17-C18	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:24	1
C19-C20	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:24	1
C21-C22	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:24	1
C23-C24	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:24	1
C25-C28	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:24	1
C29-C32	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:24	1
C33-C36	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:24	1
C37-C40	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:24	1
C41-C44	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:24	1
C6-C44	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:24	1
Diesel Range Organics [C10-C28]	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*91*		*61 - 145*	*11/27/19 18:29*	*12/01/19 05:24*	*1*

Client Sample ID: B4-10
Date Collected: 11/21/19 09:58
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-14
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:42	1
C7 as C7	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:42	1
C8 as C8	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:42	1
C9-C10	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:42	1
C11-C12	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:42	1
C13-C14	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:42	1
C15-C16	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:42	1
C17-C18	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:42	1
C19-C20	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:42	1
C21-C22	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:42	1
C23-C24	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:42	1
C25-C28	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:42	1
C29-C32	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:42	1
C33-C36	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:42	1
C37-C40	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:42	1
C41-C44	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:42	1
C6-C44	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:42	1
Diesel Range Organics [C10-C28]	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 05:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*89*		*61 - 145*	*11/27/19 18:29*	*12/01/19 05:42*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: B4-15
Date Collected: 11/21/19 10:03
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-15
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 06:02	1
C7 as C7	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 06:02	1
C8 as C8	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 06:02	1
C9-C10	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 06:02	1
C11-C12	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 06:02	1
C13-C14	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 06:02	1
C15-C16	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 06:02	1
C17-C18	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 06:02	1
C19-C20	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 06:02	1
C21-C22	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 06:02	1
C23-C24	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 06:02	1
C25-C28	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 06:02	1
C29-C32	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 06:02	1
C33-C36	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 06:02	1
C37-C40	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 06:02	1
C41-C44	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 06:02	1
C6-C44	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 06:02	1
Diesel Range Organics [C10-C28]	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 06:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*92*		*61 - 145*	*11/27/19 18:29*	*12/01/19 06:02*	*1*

Client Sample ID: B4-20
Date Collected: 11/21/19 10:10
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-16
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 06:21	1
C7 as C7	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 06:21	1
C8 as C8	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 06:21	1
C9-C10	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 06:21	1
C11-C12	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 06:21	1
C13-C14	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 06:21	1
C15-C16	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 06:21	1
C17-C18	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 06:21	1
C19-C20	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 06:21	1
C21-C22	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 06:21	1
C23-C24	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 06:21	1
C25-C28	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 06:21	1
C29-C32	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 06:21	1
C33-C36	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 06:21	1
C37-C40	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 06:21	1
C41-C44	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 06:21	1
C6-C44	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 06:21	1
Diesel Range Organics [C10-C28]	**5.2**		4.9	mg/Kg		11/27/19 18:29	12/01/19 06:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*90*		*61 - 145*	*11/27/19 18:29*	*12/01/19 06:21*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: B4-25
Date Collected: 11/21/19 10:16
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-17
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 06:41	1
C7 as C7	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 06:41	1
C8 as C8	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 06:41	1
C9-C10	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 06:41	1
C11-C12	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 06:41	1
C13-C14	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 06:41	1
C15-C16	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 06:41	1
C17-C18	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 06:41	1
C19-C20	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 06:41	1
C21-C22	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 06:41	1
C23-C24	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 06:41	1
C25-C28	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 06:41	1
C29-C32	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 06:41	1
C33-C36	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 06:41	1
C37-C40	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 06:41	1
C41-C44	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 06:41	1
C6-C44	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 06:41	1
Diesel Range Organics [C10-C28]	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 06:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*93*		*61 - 145*	*11/27/19 18:29*	*12/01/19 06:41*	*1*

Client Sample ID: B4-30
Date Collected: 11/21/19 10:26
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-18
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 07:19	1
C7 as C7	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 07:19	1
C8 as C8	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 07:19	1
C9-C10	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 07:19	1
C11-C12	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 07:19	1
C13-C14	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 07:19	1
C15-C16	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 07:19	1
C17-C18	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 07:19	1
C19-C20	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 07:19	1
C21-C22	**6.0**		5.0	mg/Kg		11/27/19 18:29	12/01/19 07:19	1
C23-C24	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 07:19	1
C25-C28	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 07:19	1
C29-C32	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 07:19	1
C33-C36	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 07:19	1
C37-C40	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 07:19	1
C41-C44	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 07:19	1
C6-C44	**14**		5.0	mg/Kg		11/27/19 18:29	12/01/19 07:19	1
Diesel Range Organics [C10-C28]	**15**		5.0	mg/Kg		11/27/19 18:29	12/01/19 07:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*87*		*61 - 145*	*11/27/19 18:29*	*12/01/19 07:19*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: B7-5
Date Collected: 11/21/19 10:57
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-19
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 07:39	1
C7 as C7	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 07:39	1
C8 as C8	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 07:39	1
C9-C10	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 07:39	1
C11-C12	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 07:39	1
C13-C14	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 07:39	1
C15-C16	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 07:39	1
C17-C18	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 07:39	1
C19-C20	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 07:39	1
C21-C22	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 07:39	1
C23-C24	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 07:39	1
C25-C28	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 07:39	1
C29-C32	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 07:39	1
C33-C36	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 07:39	1
C37-C40	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 07:39	1
C41-C44	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 07:39	1
C6-C44	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 07:39	1
Diesel Range Organics [C10-C28]	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 07:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*91*		*61 - 145*	*11/27/19 18:29*	*12/01/19 07:39*	*1*

Client Sample ID: B7-10
Date Collected: 11/21/19 11:00
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-20
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		9.8	mg/Kg		11/27/19 18:29	12/01/19 07:59	2
C7 as C7	ND		9.8	mg/Kg		11/27/19 18:29	12/01/19 07:59	2
C8 as C8	ND		9.8	mg/Kg		11/27/19 18:29	12/01/19 07:59	2
C9-C10	ND		9.8	mg/Kg		11/27/19 18:29	12/01/19 07:59	2
C11-C12	ND		9.8	mg/Kg		11/27/19 18:29	12/01/19 07:59	2
C13-C14	ND		9.8	mg/Kg		11/27/19 18:29	12/01/19 07:59	2
C15-C16	ND		9.8	mg/Kg		11/27/19 18:29	12/01/19 07:59	2
C17-C18	ND		9.8	mg/Kg		11/27/19 18:29	12/01/19 07:59	2
C19-C20	ND		9.8	mg/Kg		11/27/19 18:29	12/01/19 07:59	2
C21-C22	**12**		9.8	mg/Kg		11/27/19 18:29	12/01/19 07:59	2
C23-C24	**17**		9.8	mg/Kg		11/27/19 18:29	12/01/19 07:59	2
C25-C28	**70**		9.8	mg/Kg		11/27/19 18:29	12/01/19 07:59	2
C29-C32	**110**		9.8	mg/Kg		11/27/19 18:29	12/01/19 07:59	2
C33-C36	**87**		9.8	mg/Kg		11/27/19 18:29	12/01/19 07:59	2
C37-C40	**70**		9.8	mg/Kg		11/27/19 18:29	12/01/19 07:59	2
C41-C44	**30**		9.8	mg/Kg		11/27/19 18:29	12/01/19 07:59	2
C6-C44	**390**		9.8	mg/Kg		11/27/19 18:29	12/01/19 07:59	2
Diesel Range Organics [C10-C28]	**100**		9.8	mg/Kg		11/27/19 18:29	12/01/19 07:59	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*87*		*61 - 145*	*11/27/19 18:29*	*12/01/19 07:59*	*2*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: B7-15
Date Collected: 11/21/19 11:05
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-21
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 08:18	1
C7 as C7	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 08:18	1
C8 as C8	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 08:18	1
C9-C10	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 08:18	1
C11-C12	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 08:18	1
C13-C14	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 08:18	1
C15-C16	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 08:18	1
C17-C18	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 08:18	1
C19-C20	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 08:18	1
C21-C22	**5.8**		4.9	mg/Kg		11/27/19 18:29	12/01/19 08:18	1
C23-C24	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 08:18	1
C25-C28	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 08:18	1
C29-C32	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 08:18	1
C33-C36	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 08:18	1
C37-C40	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 08:18	1
C41-C44	ND		4.9	mg/Kg		11/27/19 18:29	12/01/19 08:18	1
C6-C44	**15**		4.9	mg/Kg		11/27/19 18:29	12/01/19 08:18	1
Diesel Range Organics [C10-C28]	**14**		4.9	mg/Kg		11/27/19 18:29	12/01/19 08:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*98*		*61 - 145*	*11/27/19 18:29*	*12/01/19 08:18*	*1*

Client Sample ID: B7-20
Date Collected: 11/21/19 11:18
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-22
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 08:38	1
C7 as C7	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 08:38	1
C8 as C8	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 08:38	1
C9-C10	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 08:38	1
C11-C12	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 08:38	1
C13-C14	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 08:38	1
C15-C16	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 08:38	1
C17-C18	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 08:38	1
C19-C20	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 08:38	1
C21-C22	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 08:38	1
C23-C24	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 08:38	1
C25-C28	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 08:38	1
C29-C32	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 08:38	1
C33-C36	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 08:38	1
C37-C40	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 08:38	1
C41-C44	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 08:38	1
C6-C44	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 08:38	1
Diesel Range Organics [C10-C28]	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 08:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*86*		*61 - 145*	*11/27/19 18:29*	*12/01/19 08:38*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: B7-25
Date Collected: 11/21/19 11:25
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-23
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 11:26	1
C7 as C7	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 11:26	1
C8 as C8	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 11:26	1
C9-C10	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 11:26	1
C11-C12	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 11:26	1
C13-C14	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 11:26	1
C15-C16	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 11:26	1
C17-C18	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 11:26	1
C19-C20	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 11:26	1
C21-C22	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 11:26	1
C23-C24	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 11:26	1
C25-C28	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 11:26	1
C29-C32	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 11:26	1
C33-C36	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 11:26	1
C37-C40	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 11:26	1
C41-C44	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 11:26	1
C6-C44	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 11:26	1
Diesel Range Organics [C10-C28]	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 11:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*98*		*61 - 145*	*11/27/19 18:38*	*12/02/19 11:26*	*1*

Client Sample ID: B7-30
Date Collected: 11/21/19 11:35
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-24
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 11:47	1
C7 as C7	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 11:47	1
C8 as C8	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 11:47	1
C9-C10	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 11:47	1
C11-C12	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 11:47	1
C13-C14	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 11:47	1
C15-C16	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 11:47	1
C17-C18	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 11:47	1
C19-C20	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 11:47	1
C21-C22	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 11:47	1
C23-C24	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 11:47	1
C25-C28	**5.6**		4.9	mg/Kg		11/27/19 18:38	12/02/19 11:47	1
C29-C32	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 11:47	1
C33-C36	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 11:47	1
C37-C40	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 11:47	1
C41-C44	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 11:47	1
C6-C44	**9.8**		4.9	mg/Kg		11/27/19 18:38	12/02/19 11:47	1
Diesel Range Organics [C10-C28]	**7.4**		4.9	mg/Kg		11/27/19 18:38	12/02/19 11:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*95*		*61 - 145*	*11/27/19 18:38*	*12/02/19 11:47*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: B8-5
Date Collected: 11/21/19 11:50
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-25
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 12:07	1
C7 as C7	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 12:07	1
C8 as C8	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 12:07	1
C9-C10	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 12:07	1
C11-C12	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 12:07	1
C13-C14	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 12:07	1
C15-C16	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 12:07	1
C17-C18	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 12:07	1
C19-C20	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 12:07	1
C21-C22	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 12:07	1
C23-C24	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 12:07	1
C25-C28	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 12:07	1
C29-C32	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 12:07	1
C33-C36	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 12:07	1
C37-C40	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 12:07	1
C41-C44	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 12:07	1
C6-C44	**11**		4.9	mg/Kg		11/27/19 18:38	12/02/19 12:07	1
Diesel Range Organics [C10-C28]	**7.9**		4.9	mg/Kg		11/27/19 18:38	12/02/19 12:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*97*		*61 - 145*	*11/27/19 18:38*	*12/02/19 12:07*	*1*

Client Sample ID: B8-10
Date Collected: 11/21/19 11:54
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-26
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 12:28	1
C7 as C7	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 12:28	1
C8 as C8	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 12:28	1
C9-C10	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 12:28	1
C11-C12	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 12:28	1
C13-C14	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 12:28	1
C15-C16	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 12:28	1
C17-C18	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 12:28	1
C19-C20	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 12:28	1
C21-C22	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 12:28	1
C23-C24	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 12:28	1
C25-C28	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 12:28	1
C29-C32	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 12:28	1
C33-C36	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 12:28	1
C37-C40	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 12:28	1
C41-C44	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 12:28	1
C6-C44	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 12:28	1
Diesel Range Organics [C10-C28]	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 12:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*93*		*61 - 145*	*11/27/19 18:38*	*12/02/19 12:28*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: B8-15
Date Collected: 11/21/19 11:58
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-27
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 12:48	1
C7 as C7	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 12:48	1
C8 as C8	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 12:48	1
C9-C10	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 12:48	1
C11-C12	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 12:48	1
C13-C14	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 12:48	1
C15-C16	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 12:48	1
C17-C18	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 12:48	1
C19-C20	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 12:48	1
C21-C22	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 12:48	1
C23-C24	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 12:48	1
C25-C28	**9.3**		5.0	mg/Kg		11/27/19 18:38	12/02/19 12:48	1
C29-C32	**12**		5.0	mg/Kg		11/27/19 18:38	12/02/19 12:48	1
C33-C36	**8.7**		5.0	mg/Kg		11/27/19 18:38	12/02/19 12:48	1
C37-C40	**7.2**		5.0	mg/Kg		11/27/19 18:38	12/02/19 12:48	1
C41-C44	**5.4**		5.0	mg/Kg		11/27/19 18:38	12/02/19 12:48	1
C6-C44	**39**		5.0	mg/Kg		11/27/19 18:38	12/02/19 12:48	1
Diesel Range Organics [C10-C28]	**14**		5.0	mg/Kg		11/27/19 18:38	12/02/19 12:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*94*		*61 - 145*	*11/27/19 18:38*	*12/02/19 12:48*	*1*

Client Sample ID: B8-20
Date Collected: 11/21/19 12:05
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-28
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 13:09	1
C7 as C7	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 13:09	1
C8 as C8	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 13:09	1
C9-C10	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 13:09	1
C11-C12	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 13:09	1
C13-C14	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 13:09	1
C15-C16	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 13:09	1
C17-C18	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 13:09	1
C19-C20	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 13:09	1
C21-C22	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 13:09	1
C23-C24	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 13:09	1
C25-C28	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 13:09	1
C29-C32	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 13:09	1
C33-C36	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 13:09	1
C37-C40	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 13:09	1
C41-C44	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 13:09	1
C6-C44	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 13:09	1
Diesel Range Organics [C10-C28]	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 13:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*93*		*61 - 145*	*11/27/19 18:38*	*12/02/19 13:09*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: B8-25
Date Collected: 11/21/19 12:12
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-29
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 16:33	1
C7 as C7	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 16:33	1
C8 as C8	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 16:33	1
C9-C10	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 16:33	1
C11-C12	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 16:33	1
C13-C14	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 16:33	1
C15-C16	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 16:33	1
C17-C18	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 16:33	1
C19-C20	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 16:33	1
C21-C22	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 16:33	1
C23-C24	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 16:33	1
C25-C28	**7.5**		4.9	mg/Kg		11/27/19 18:38	12/02/19 16:33	1
C29-C32	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 16:33	1
C33-C36	**4.9**		4.9	mg/Kg		11/27/19 18:38	12/02/19 16:33	1
C37-C40	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 16:33	1
C41-C44	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 16:33	1
C6-C44	**26**		4.9	mg/Kg		11/27/19 18:38	12/02/19 16:33	1
Diesel Range Organics [C10-C28]	**16**		4.9	mg/Kg		11/27/19 18:38	12/02/19 16:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*90*		*61 - 145*	*11/27/19 18:38*	*12/02/19 16:33*	*1*

Client Sample ID: B8-30
Date Collected: 11/21/19 12:21
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-30
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 16:53	1
C7 as C7	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 16:53	1
C8 as C8	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 16:53	1
C9-C10	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 16:53	1
C11-C12	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 16:53	1
C13-C14	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 16:53	1
C15-C16	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 16:53	1
C17-C18	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 16:53	1
C19-C20	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 16:53	1
C21-C22	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 16:53	1
C23-C24	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 16:53	1
C25-C28	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 16:53	1
C29-C32	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 16:53	1
C33-C36	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 16:53	1
C37-C40	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 16:53	1
C41-C44	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 16:53	1
C6-C44	**13**		4.9	mg/Kg		11/27/19 18:38	12/02/19 16:53	1
Diesel Range Organics [C10-C28]	**10**		4.9	mg/Kg		11/27/19 18:38	12/02/19 16:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*95*		*61 - 145*	*11/27/19 18:38*	*12/02/19 16:53*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: B9-5
Date Collected: 11/21/19 14:07
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-31
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 17:14	1
C7 as C7	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 17:14	1
C8 as C8	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 17:14	1
C9-C10	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 17:14	1
C11-C12	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 17:14	1
C13-C14	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 17:14	1
C15-C16	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 17:14	1
C17-C18	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 17:14	1
C19-C20	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 17:14	1
C21-C22	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 17:14	1
C23-C24	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 17:14	1
C25-C28	**6.5**		4.9	mg/Kg		11/27/19 18:38	12/02/19 17:14	1
C29-C32	**7.3**		4.9	mg/Kg		11/27/19 18:38	12/02/19 17:14	1
C33-C36	**4.9**		4.9	mg/Kg		11/27/19 18:38	12/02/19 17:14	1
C37-C40	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 17:14	1
C41-C44	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 17:14	1
C6-C44	**21**		4.9	mg/Kg		11/27/19 18:38	12/02/19 17:14	1
Diesel Range Organics [C10-C28]	**9.7**		4.9	mg/Kg		11/27/19 18:38	12/02/19 17:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*90*		*61 - 145*	*11/27/19 18:38*	*12/02/19 17:14*	*1*

Client Sample ID: B9-10
Date Collected: 11/21/19 14:11
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-32
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 17:34	1
C7 as C7	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 17:34	1
C8 as C8	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 17:34	1
C9-C10	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 17:34	1
C11-C12	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 17:34	1
C13-C14	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 17:34	1
C15-C16	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 17:34	1
C17-C18	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 17:34	1
C19-C20	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 17:34	1
C21-C22	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 17:34	1
C23-C24	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 17:34	1
C25-C28	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 17:34	1
C29-C32	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 17:34	1
C33-C36	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 17:34	1
C37-C40	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 17:34	1
C41-C44	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 17:34	1
C6-C44	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 17:34	1
Diesel Range Organics [C10-C28]	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 17:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*93*		*61 - 145*	*11/27/19 18:38*	*12/02/19 17:34*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: B9-15
Date Collected: 11/21/19 14:16
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-33
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 17:54	1
C7 as C7	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 17:54	1
C8 as C8	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 17:54	1
C9-C10	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 17:54	1
C11-C12	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 17:54	1
C13-C14	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 17:54	1
C15-C16	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 17:54	1
C17-C18	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 17:54	1
C19-C20	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 17:54	1
C21-C22	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 17:54	1
C23-C24	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 17:54	1
C25-C28	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 17:54	1
C29-C32	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 17:54	1
C33-C36	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 17:54	1
C37-C40	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 17:54	1
C41-C44	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 17:54	1
C6-C44	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 17:54	1
Diesel Range Organics [C10-C28]	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 17:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*91*		*61 - 145*	*11/27/19 18:38*	*12/02/19 17:54*	*1*

Client Sample ID: B9-20
Date Collected: 11/21/19 14:23
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-34
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 18:15	1
C7 as C7	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 18:15	1
C8 as C8	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 18:15	1
C9-C10	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 18:15	1
C11-C12	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 18:15	1
C13-C14	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 18:15	1
C15-C16	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 18:15	1
C17-C18	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 18:15	1
C19-C20	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 18:15	1
C21-C22	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 18:15	1
C23-C24	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 18:15	1
C25-C28	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 18:15	1
C29-C32	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 18:15	1
C33-C36	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 18:15	1
C37-C40	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 18:15	1
C41-C44	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 18:15	1
C6-C44	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 18:15	1
Diesel Range Organics [C10-C28]	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 18:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*93*		*61 - 145*	*11/27/19 18:38*	*12/02/19 18:15*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: B9-25
Date Collected: 11/21/19 14:30
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-35
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 18:35	1
C7 as C7	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 18:35	1
C8 as C8	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 18:35	1
C9-C10	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 18:35	1
C11-C12	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 18:35	1
C13-C14	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 18:35	1
C15-C16	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 18:35	1
C17-C18	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 18:35	1
C19-C20	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 18:35	1
C21-C22	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 18:35	1
C23-C24	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 18:35	1
C25-C28	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 18:35	1
C29-C32	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 18:35	1
C33-C36	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 18:35	1
C37-C40	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 18:35	1
C41-C44	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 18:35	1
C6-C44	**5.5**		5.0	mg/Kg		11/27/19 18:38	12/02/19 18:35	1
Diesel Range Organics [C10-C28]	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 18:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*91*		*61 - 145*	*11/27/19 18:38*	*12/02/19 18:35*	*1*

Client Sample ID: B9-30
Date Collected: 11/21/19 14:45
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-36
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 18:56	1
C7 as C7	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 18:56	1
C8 as C8	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 18:56	1
C9-C10	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 18:56	1
C11-C12	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 18:56	1
C13-C14	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 18:56	1
C15-C16	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 18:56	1
C17-C18	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 18:56	1
C19-C20	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 18:56	1
C21-C22	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 18:56	1
C23-C24	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 18:56	1
C25-C28	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 18:56	1
C29-C32	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 18:56	1
C33-C36	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 18:56	1
C37-C40	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 18:56	1
C41-C44	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 18:56	1
C6-C44	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 18:56	1
Diesel Range Organics [C10-C28]	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 18:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*90*		*61 - 145*	*11/27/19 18:38*	*12/02/19 18:56*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: B1-3
Date Collected: 11/21/19 14:57
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-37
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 19:16	1
C7 as C7	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 19:16	1
C8 as C8	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 19:16	1
C9-C10	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 19:16	1
C11-C12	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 19:16	1
C13-C14	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 19:16	1
C15-C16	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 19:16	1
C17-C18	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 19:16	1
C19-C20	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 19:16	1
C21-C22	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 19:16	1
C23-C24	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 19:16	1
C25-C28	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 19:16	1
C29-C32	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 19:16	1
C33-C36	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 19:16	1
C37-C40	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 19:16	1
C41-C44	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 19:16	1
C6-C44	**5.9**		4.9	mg/Kg		11/27/19 18:38	12/02/19 19:16	1
Diesel Range Organics [C10-C28]	ND		4.9	mg/Kg		11/27/19 18:38	12/02/19 19:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*89*		*61 - 145*	*11/27/19 18:38*	*12/02/19 19:16*	*1*

Client Sample ID: B3-1
Date Collected: 11/21/19 13:10
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-38
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 19:36	1
C7 as C7	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 19:36	1
C8 as C8	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 19:36	1
C9-C10	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 19:36	1
C11-C12	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 19:36	1
C13-C14	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 19:36	1
C15-C16	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 19:36	1
C17-C18	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 19:36	1
C19-C20	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 19:36	1
C21-C22	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 19:36	1
C23-C24	ND		5.0	mg/Kg		11/27/19 18:38	12/02/19 19:36	1
C25-C28	**9.3**		5.0	mg/Kg		11/27/19 18:38	12/02/19 19:36	1
C29-C32	**14**		5.0	mg/Kg		11/27/19 18:38	12/02/19 19:36	1
C33-C36	**11**		5.0	mg/Kg		11/27/19 18:38	12/02/19 19:36	1
C37-C40	**9.1**		5.0	mg/Kg		11/27/19 18:38	12/02/19 19:36	1
C41-C44	**6.4**		5.0	mg/Kg		11/27/19 18:38	12/02/19 19:36	1
C6-C44	**46**		5.0	mg/Kg		11/27/19 18:38	12/02/19 19:36	1
Diesel Range Organics [C10-C28]	**12**		5.0	mg/Kg		11/27/19 18:38	12/02/19 19:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*94*		*61 - 145*	*11/27/19 18:38*	*12/02/19 19:36*	*1*

Client Sample Results

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13628-1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: B9-1
Date Collected: 11/21/19 13:00
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-39
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0		mg/Kg		11/27/19 18:38	12/02/19 19:57	1
C7 as C7	ND		5.0		mg/Kg		11/27/19 18:38	12/02/19 19:57	1
C8 as C8	ND		5.0		mg/Kg		11/27/19 18:38	12/02/19 19:57	1
C9-C10	ND		5.0		mg/Kg		11/27/19 18:38	12/02/19 19:57	1
C11-C12	ND		5.0		mg/Kg		11/27/19 18:38	12/02/19 19:57	1
C13-C14	ND		5.0		mg/Kg		11/27/19 18:38	12/02/19 19:57	1
C15-C16	ND		5.0		mg/Kg		11/27/19 18:38	12/02/19 19:57	1
C17-C18	ND		5.0		mg/Kg		11/27/19 18:38	12/02/19 19:57	1
C19-C20	ND		5.0		mg/Kg		11/27/19 18:38	12/02/19 19:57	1
C21-C22	ND		5.0		mg/Kg		11/27/19 18:38	12/02/19 19:57	1
C23-C24	ND		5.0		mg/Kg		11/27/19 18:38	12/02/19 19:57	1
C25-C28	ND		5.0		mg/Kg		11/27/19 18:38	12/02/19 19:57	1
C29-C32	ND		5.0		mg/Kg		11/27/19 18:38	12/02/19 19:57	1
C33-C36	ND		5.0		mg/Kg		11/27/19 18:38	12/02/19 19:57	1
C37-C40	ND		5.0		mg/Kg		11/27/19 18:38	12/02/19 19:57	1
C41-C44	ND		5.0		mg/Kg		11/27/19 18:38	12/02/19 19:57	1
C6-C44	**10**		5.0		mg/Kg		11/27/19 18:38	12/02/19 19:57	1
Diesel Range Organics [C10-C28]	ND		5.0		mg/Kg		11/27/19 18:38	12/02/19 19:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*95*		*61 - 145*	*11/27/19 18:38*	*12/02/19 19:57*	*1*

Method: 6010B - Metals (ICP)

Client Sample ID: B1-3
Date Collected: 11/21/19 14:57
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-37
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.255	mg/Kg		11/26/19 13:30	11/30/19 18:39	1
Arsenic	**3.45**		0.765	mg/Kg		11/26/19 13:30	11/30/19 18:39	1
Barium	**124**		0.510	mg/Kg		11/26/19 13:30	11/30/19 18:39	1
Beryllium	**0.378**		0.255	mg/Kg		11/26/19 13:30	11/30/19 18:39	1
Cadmium	ND		0.510	mg/Kg		11/26/19 13:30	11/30/19 18:39	1
Cobalt	**4.83**		0.255	mg/Kg		11/26/19 13:30	11/30/19 18:39	1
Chromium	**13.5**		0.255	mg/Kg		11/26/19 13:30	11/30/19 18:39	1
Copper	**10.8**		0.510	mg/Kg		11/26/19 13:30	11/30/19 18:39	1
Molybdenum	**0.338**		0.255	mg/Kg		11/26/19 13:30	11/30/19 18:39	1
Nickel	**8.72**		0.255	mg/Kg		11/26/19 13:30	11/30/19 18:39	1
Antimony	ND	F1	0.765	mg/Kg		11/26/19 13:30	11/30/19 18:39	1
Selenium	ND	L	0.765	mg/Kg		11/26/19 13:30	11/30/19 18:39	1
Thallium	ND		0.765	mg/Kg		11/26/19 13:30	11/30/19 18:39	1
Vanadium	**22.8**		0.255	mg/Kg		11/26/19 13:30	11/30/19 18:39	1
Zinc	**26.9**		1.02	mg/Kg		11/26/19 13:30	11/30/19 18:39	1
Lead	**3.90**		0.510	mg/Kg		11/26/19 13:30	11/30/19 18:39	1

Client Sample ID: B3-1
Date Collected: 11/21/19 13:10
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-38
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**0.578**		0.253	mg/Kg		11/26/19 13:30	11/30/19 18:46	1
Arsenic	**6.16**		0.758	mg/Kg		11/26/19 13:30	11/30/19 18:46	1
Barium	**137**		0.505	mg/Kg		11/26/19 13:30	11/30/19 18:46	1
Beryllium	**0.411**		0.253	mg/Kg		11/26/19 13:30	11/30/19 18:46	1
Cadmium	**1.36**		0.505	mg/Kg		11/26/19 13:30	11/30/19 18:46	1
Cobalt	**5.03**		0.253	mg/Kg		11/26/19 13:30	11/30/19 18:46	1
Chromium	**18.7**		0.253	mg/Kg		11/26/19 13:30	11/30/19 18:46	1
Copper	**23.2**		0.505	mg/Kg		11/26/19 13:30	11/30/19 18:46	1
Molybdenum	**0.410**		0.253	mg/Kg		11/26/19 13:30	11/30/19 18:46	1
Nickel	**11.8**		0.253	mg/Kg		11/26/19 13:30	11/30/19 18:46	1
Antimony	ND		0.758	mg/Kg		11/26/19 13:30	11/30/19 18:46	1
Selenium	ND		0.758	mg/Kg		11/26/19 13:30	11/30/19 18:46	1
Thallium	ND		0.758	mg/Kg		11/26/19 13:30	11/30/19 18:46	1
Vanadium	**25.3**		0.253	mg/Kg		11/26/19 13:30	11/30/19 18:46	1
Zinc	**74.0**		1.01	mg/Kg		11/26/19 13:30	11/30/19 18:46	1
Lead	**32.8**		0.505	mg/Kg		11/26/19 13:30	11/30/19 18:46	1

Client Sample ID: B9-1
Date Collected: 11/21/19 13:00
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-39
Matrix: Solid

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	**0.273**		0.249	mg/Kg		11/26/19 13:30	11/30/19 18:48	1
Arsenic	**5.34**		0.746	mg/Kg		11/26/19 13:30	11/30/19 18:48	1
Barium	**157**		0.498	mg/Kg		11/26/19 13:30	11/30/19 18:48	1
Beryllium	**0.664**		0.249	mg/Kg		11/26/19 13:30	11/30/19 18:48	1
Cadmium	**0.520**		0.498	mg/Kg		11/26/19 13:30	11/30/19 18:48	1
Cobalt	**8.24**		0.249	mg/Kg		11/26/19 13:30	11/30/19 18:48	1
Chromium	**24.1**		0.249	mg/Kg		11/26/19 13:30	11/30/19 18:48	1
Copper	**25.5**		0.498	mg/Kg		11/26/19 13:30	11/30/19 18:48	1

Method: 6010B - Metals (ICP) (Continued)

Client Sample ID: B9-1
Date Collected: 11/21/19 13:00
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-39
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Molybdenum	ND		0.249		mg/Kg		11/26/19 13:30	11/30/19 18:48	1
Nickel	**18.3**		0.249		mg/Kg		11/26/19 13:30	11/30/19 18:48	1
Antimony	ND		0.746		mg/Kg		11/26/19 13:30	11/30/19 18:48	1
Selenium	ND	L	0.746		mg/Kg		11/26/19 13:30	11/30/19 18:48	1
Thallium	ND		0.746		mg/Kg		11/26/19 13:30	11/30/19 18:48	1
Vanadium	**37.9**		0.249		mg/Kg		11/26/19 13:30	11/30/19 18:48	1
Zinc	**57.5**		0.995		mg/Kg		11/26/19 13:30	11/30/19 18:48	1
Lead	**12.5**		0.498		mg/Kg		11/26/19 13:30	11/30/19 18:48	1

Client Sample Results

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13628-1

Method: 7471A - Mercury (CVAA)

Client Sample ID: B1-3
Date Collected: 11/21/19 14:57
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-37
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0877		mg/Kg		11/25/19 17:31	11/30/19 12:52	1

Client Sample ID: B3-1
Date Collected: 11/21/19 13:10
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-38
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0847		mg/Kg		11/25/19 17:31	11/30/19 12:59	1

Client Sample ID: B9-1
Date Collected: 11/21/19 13:00
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-39
Matrix: Solid

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0847		mg/Kg		11/25/19 17:31	11/30/19 13:01	1

Surrogate Summary

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13628-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(71-155)	(80-120)	(79-133)	(80-120)
570-13628-1	B5-5	118	101	106	102
570-13628-2	B5-10	118	100	100	101
570-13628-3	B5-15	119	100	104	100
570-13628-7	B6-5	120	101	98	100
570-13628-8	B6-10	118	101	104	101
570-13628-9	B6-15	118	99	105	100
570-13628-13	B4-5	118	100	100	102
570-13628-14	B4-10	119	100	104	102
570-13628-15	B4-15	119	100	100	100
570-13628-19	B7-5	119	101	107	101
570-13628-20	B7-10	114	102	107	99
570-13628-21	B7-15	115	102	107	101
570-13628-25	B8-5	112	104	105	101
570-13628-26	B8-10	117	103	105	100
570-13628-27	B8-15	116	101	105	100
570-13628-31	B9-5	119	101	108	100
570-13628-32	B9-10	117	104	107	99
570-13628-33	B9-15	114	102	104	100
LCS 570-36637/3	Lab Control Sample	98	101	100	97
LCS 570-36703/3	Lab Control Sample	98	101	99	100
LCSD 570-36637/4	Lab Control Sample Dup	100	99	101	99
LCSD 570-36703/4	Lab Control Sample Dup	101	100	102	101
MB 570-36637/6	Method Blank	101	99	100	99
MB 570-36703/6	Method Blank	102	97	100	100

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL6	TPHd14
Lab Sample ID	Client Sample ID	(18-138)	(27-120)	(25-120)	(33-123)	(26-122)	(27-159)
570-13628-1	B5-5	74	62	62	53	63	74
570-13628-2	B5-10	111	88	91	72	91	107
570-13628-3	B5-15	92	81	80	65	84	93
570-13628-4	B5-20	52	46	41	38	45	64
570-13628-4 MS	B5-20	70	62	60	51	60	81
570-13628-4 MSD	B5-20	67	62	58	51	59	79
570-13628-5	B5-25	101	82	78	65	81	98
570-13628-6	B5-30	59	49	45	41	49	74
570-13628-7	B6-5	63	59	61	51	61	71
570-13628-8	B6-10	82	68	62	46	62	78
570-13628-9	B6-15	82	71	66	54	68	84
570-13628-10	B6-20	74	66	59	47	61	71
570-13628-11	B6-25	98	83	85	65	82	93

Surrogate Summary

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13628-1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	PHL6	TPHd14
Lab Sample ID	Client Sample ID	(18-138)	(27-120)	(25-120)	(33-123)	(26-122)	(27-159)
570-13628-12	B6-30	85	80	76	77	81	100
570-13628-13	B4-5	91	86	87	82	87	101
570-13628-14	B4-10	58	58	59	57	61	68
570-13628-15	B4-15	57	57	58	57	59	69
570-13628-16	B4-20	66	64	67	64	67	76
570-13628-17	B4-25	49	50	51	51	53	72
570-13628-18	B4-30	65	64	65	63	65	75
570-13628-19	B7-5	71	72	71	72	76	86
570-13628-20	B7-10	75	74	80	77	81	86
570-13628-21	B7-15	62	66	64	62	68	89
570-13628-21 MS	B7-15	70	68	71	70	74	85
570-13628-21 MSD	B7-15	68	67	71	68	73	83
570-13628-22	B7-20	74	66	66	53	65	87
570-13628-23	B7-25	80	75	79	62	76	83
570-13628-24	B7-30	69	58	56	45	58	75
570-13628-25	B8-5	86	82	86	66	85	91
570-13628-26	B8-10	89	79	82	66	79	87
570-13628-27	B8-15	100	90	92	76	90	98
570-13628-28	B8-20	84	77	79	64	80	85
570-13628-28 MS	B8-20	86	80	82	67	81	87
570-13628-28 MSD	B8-20	80	75	80	63	78	83
570-13628-29	B8-25	71	60	63	52	63	88
570-13628-30	B8-30	50	42	38	33	44	80
570-13628-31	B9-5	72	57	53	43	58	87
570-13628-32	B9-10	90	77	80	67	81	94
570-13628-33	B9-15	63	56	54	46	58	88
570-13628-34	B9-20	86	73	78	62	77	92
570-13628-35	B9-25	83	83	81	70	87	93
570-13628-36	B9-30	81	75	77	64	77	89
570-13628-37	B1-3	75	78	80	65	83	93
570-13628-38	B3-1	86	86	85	69	84	98
570-13628-39	B9-1	72	69	69	57	70	80
570-13824-A-9-F MS	Matrix Spike	81	78	81	81	80	104
570-13824-A-9-G MSD	Matrix Spike Duplicate	78	78	81	78	80	102
LCS 570-34853/2-A	Lab Control Sample	89	84	88	77	85	91
LCS 570-34865/2-A	Lab Control Sample	91	85	89	74	86	86
LCS 570-35267/2-A	Lab Control Sample	86	89	93	92	89	99
LCS 570-36145/2-A	Lab Control Sample	74	66	70	71	73	96
LCSD 570-34853/3-A	Lab Control Sample Dup	75	73	72	62	70	75
LCSD 570-34865/3-A	Lab Control Sample Dup	93	83	86	74	85	88
LCSD 570-35267/3-A	Lab Control Sample Dup	82	85	87	88	85	98
LCSD 570-36145/3-A	Lab Control Sample Dup	69	65	68	66	69	89
MB 570-34853/1-A	Method Blank	87	81	84	70	81	88
MB 570-34865/1-A	Method Blank	89	74	79	66	78	83
MB 570-35267/1-A	Method Blank	63	67	69	69	67	80
MB 570-36145/1-A	Method Blank	67	71	75	70	76	86

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)

FBP = 2-Fluorobiphenyl (Surr)

Surrogate Summary

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13628-1

2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL6 = Phenol-d6 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)

Method: 8015B - Diesel Range Organics (DRO) (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)						
Lab Sample ID	Client Sample ID	OTCSN1 (61-145)						
570-13628-1	B5-5	93						
570-13628-2	B5-10	91						
570-13628-3	B5-15	96						
570-13628-3 MS	B5-15	93						
570-13628-3 MSD	B5-15	88						
570-13628-4	B5-20	86						
570-13628-5	B5-25	75						
570-13628-6	B5-30	92						
570-13628-7	B6-5	89						
570-13628-8	B6-10	91						
570-13628-9	B6-15	96						
570-13628-10	B6-20	87						
570-13628-11	B6-25	93						
570-13628-12	B6-30	93						
570-13628-13	B4-5	91						
570-13628-14	B4-10	89						
570-13628-15	B4-15	92						
570-13628-16	B4-20	90						
570-13628-17	B4-25	93						
570-13628-18	B4-30	87						
570-13628-19	B7-5	91						
570-13628-20	B7-10	87						
570-13628-21	B7-15	98						
570-13628-22	B7-20	86						
570-13628-23	B7-25	98						
570-13628-23 MS	B7-25	93						
570-13628-23 MSD	B7-25	97						
570-13628-24	B7-30	95						
570-13628-25	B8-5	97						
570-13628-26	B8-10	93						
570-13628-27	B8-15	94						
570-13628-28	B8-20	93						
570-13628-29	B8-25	90						
570-13628-30	B8-30	95						
570-13628-31	B9-5	90						
570-13628-32	B9-10	93						
570-13628-33	B9-15	91						
570-13628-34	B9-20	93						
570-13628-35	B9-25	91						
570-13628-36	B9-30	90						
570-13628-37	B1-3	89						
570-13628-38	B3-1	94						
570-13628-39	B9-1	95						
570-13749-A-1-H MS	Matrix Spike	92						
570-13749-A-1-I MSD	Matrix Spike Duplicate	91						

Surrogate Summary

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13628-1

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)							
Lab Sample ID	**Client Sample ID**	**OTCSN1 (61-145)**							
LCS 570-35908/2-A	Lab Control Sample	93							
LCS 570-35919/2-A	Lab Control Sample	90							
LCS 570-35924/2-A	Lab Control Sample	98							
LCSD 570-35908/3-A	Lab Control Sample Dup	92							
LCSD 570-35919/3-A	Lab Control Sample Dup	89							
LCSD 570-35924/3-A	Lab Control Sample Dup	95							
MB 570-35908/1-A	Method Blank	93							
MB 570-35919/1-A	Method Blank	86							
MB 570-35924/1-A	Method Blank	93							

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-36637/6
Matrix: Solid
Analysis Batch: 36637

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0		ug/Kg			12/04/19 10:39	1
1,1,1-Trichloroethane	ND		1.0		ug/Kg			12/04/19 10:39	1
1,1,2,2-Tetrachloroethane	ND		2.0		ug/Kg			12/04/19 10:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10		ug/Kg			12/04/19 10:39	1
1,1,2-Trichloroethane	ND		1.0		ug/Kg			12/04/19 10:39	1
1,1-Dichloroethane	ND		1.0		ug/Kg			12/04/19 10:39	1
1,1-Dichloroethene	ND		1.0		ug/Kg			12/04/19 10:39	1
1,1-Dichloropropene	ND		2.0		ug/Kg			12/04/19 10:39	1
1,2,3-Trichlorobenzene	ND		2.0		ug/Kg			12/04/19 10:39	1
1,2,3-Trichloropropane	ND		2.0		ug/Kg			12/04/19 10:39	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg			12/04/19 10:39	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg			12/04/19 10:39	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg			12/04/19 10:39	1
1,2-Dibromoethane	ND		1.0		ug/Kg			12/04/19 10:39	1
1,2-Dichlorobenzene	ND		1.0		ug/Kg			12/04/19 10:39	1
1,2-Dichloroethane	ND		1.0		ug/Kg			12/04/19 10:39	1
1,2-Dichloropropane	ND		1.0		ug/Kg			12/04/19 10:39	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg			12/04/19 10:39	1
1,3-Dichlorobenzene	ND		1.0		ug/Kg			12/04/19 10:39	1
1,3-Dichloropropane	ND		1.0		ug/Kg			12/04/19 10:39	1
1,4-Dichlorobenzene	ND		1.0		ug/Kg			12/04/19 10:39	1
2,2-Dichloropropane	ND		5.0		ug/Kg			12/04/19 10:39	1
2-Butanone	ND		20		ug/Kg			12/04/19 10:39	1
2-Chlorotoluene	ND		1.0		ug/Kg			12/04/19 10:39	1
2-Hexanone	ND		20		ug/Kg			12/04/19 10:39	1
4-Chlorotoluene	ND		1.0		ug/Kg			12/04/19 10:39	1
4-Methyl-2-pentanone	ND		20		ug/Kg			12/04/19 10:39	1
Acetone	ND		50		ug/Kg			12/04/19 10:39	1
Benzene	ND		1.0		ug/Kg			12/04/19 10:39	1
Bromobenzene	ND		1.0		ug/Kg			12/04/19 10:39	1
Bromochloromethane	ND		2.0		ug/Kg			12/04/19 10:39	1
Bromodichloromethane	ND		1.0		ug/Kg			12/04/19 10:39	1
Bromoform	ND		5.0		ug/Kg			12/04/19 10:39	1
Bromomethane	ND		20		ug/Kg			12/04/19 10:39	1
cis-1,2-Dichloroethene	ND		1.0		ug/Kg			12/04/19 10:39	1
cis-1,3-Dichloropropene	ND		1.0		ug/Kg			12/04/19 10:39	1
Carbon disulfide	ND		10		ug/Kg			12/04/19 10:39	1
Carbon tetrachloride	ND		1.0		ug/Kg			12/04/19 10:39	1
Chlorobenzene	ND		1.0		ug/Kg			12/04/19 10:39	1
Chloroethane	ND		2.0		ug/Kg			12/04/19 10:39	1
Chloroform	ND		1.0		ug/Kg			12/04/19 10:39	1
Chloromethane	ND		20		ug/Kg			12/04/19 10:39	1
Dibromochloromethane	ND		2.0		ug/Kg			12/04/19 10:39	1
Dibromomethane	ND		1.0		ug/Kg			12/04/19 10:39	1
Dichlorodifluoromethane	ND		2.0		ug/Kg			12/04/19 10:39	1
Di-isopropyl ether (DIPE)	ND		1.0		ug/Kg			12/04/19 10:39	1
Ethanol	ND		500		ug/Kg			12/04/19 10:39	1
Ethylbenzene	ND		1.0		ug/Kg			12/04/19 10:39	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-36637/6
Matrix: Solid
Analysis Batch: 36637

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl-t-butyl ether (ETBE)	ND		1.0	ug/Kg			12/04/19 10:39	1
Isopropylbenzene	ND		1.0	ug/Kg			12/04/19 10:39	1
Methylene Chloride	ND		10	ug/Kg			12/04/19 10:39	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0	ug/Kg			12/04/19 10:39	1
Naphthalene	ND		10	ug/Kg			12/04/19 10:39	1
n-Butylbenzene	ND		1.0	ug/Kg			12/04/19 10:39	1
N-Propylbenzene	ND		2.0	ug/Kg			12/04/19 10:39	1
o-Xylene	ND		1.0	ug/Kg			12/04/19 10:39	1
m,p-Xylene	ND		2.0	ug/Kg			12/04/19 10:39	1
p-Isopropyltoluene	ND		1.0	ug/Kg			12/04/19 10:39	1
sec-Butylbenzene	ND		1.0	ug/Kg			12/04/19 10:39	1
Styrene	ND		1.0	ug/Kg			12/04/19 10:39	1
trans-1,2-Dichloroethene	ND		1.0	ug/Kg			12/04/19 10:39	1
trans-1,3-Dichloropropene	ND		2.0	ug/Kg			12/04/19 10:39	1
Tert-amyl-methyl ether (TAME)	ND		1.0	ug/Kg			12/04/19 10:39	1
tert-Butyl alcohol (TBA)	ND		20	ug/Kg			12/04/19 10:39	1
tert-Butylbenzene	ND		1.0	ug/Kg			12/04/19 10:39	1
Tetrachloroethene	ND		1.0	ug/Kg			12/04/19 10:39	1
Toluene	ND		1.0	ug/Kg			12/04/19 10:39	1
Trichloroethene	ND		2.0	ug/Kg			12/04/19 10:39	1
Trichlorofluoromethane	ND		10	ug/Kg			12/04/19 10:39	1
Vinyl acetate	ND		10	ug/Kg			12/04/19 10:39	1
Vinyl chloride	ND		1.0	ug/Kg			12/04/19 10:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*71 - 155*		*12/04/19 10:39*	*1*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*		*12/04/19 10:39*	*1*
Dibromofluoromethane (Surr)	*100*		*79 - 133*		*12/04/19 10:39*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*12/04/19 10:39*	*1*

Lab Sample ID: LCS 570-36637/3
Matrix: Solid
Analysis Batch: 36637

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	50.0	47.76		ug/Kg		96	71 - 125
1,2-Dibromoethane	50.0	48.71		ug/Kg		97	80 - 120
1,2-Dichlorobenzene	50.0	49.62		ug/Kg		99	80 - 120
1,2-Dichloroethane	50.0	46.98		ug/Kg		94	79 - 121
Benzene	50.0	48.63		ug/Kg		97	79 - 120
Carbon tetrachloride	50.0	51.84		ug/Kg		104	58 - 142
Chlorobenzene	50.0	49.90		ug/Kg		100	80 - 120
Di-isopropyl ether (DIPE)	50.0	48.87		ug/Kg		98	65 - 131
Ethanol	500	558.8		ug/Kg		112	32 - 158
Ethylbenzene	50.0	50.34		ug/Kg		101	57 - 153
Ethyl-t-butyl ether (ETBE)	50.0	45.83		ug/Kg		92	58 - 136
Methyl-t-Butyl Ether (MTBE)	50.0	41.84		ug/Kg		84	64 - 124
o-Xylene	50.0	50.68		ug/Kg		101	79 - 127

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-36637/3
Matrix: Solid
Analysis Batch: 36637

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
m,p-Xylene	100	100.3		ug/Kg		100	80 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*71 - 155*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*79 - 133*
Toluene-d8 (Surr)	*97*		*80 - 120*

Lab Sample ID: LCSD 570-36637/4
Matrix: Solid
Analysis Batch: 36637

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene	50.0	48.99		ug/Kg		98	71 - 125	3	20
1,2-Dibromoethane	50.0	50.72		ug/Kg		101	80 - 120	4	20
1,2-Dichlorobenzene	50.0	49.51		ug/Kg		99	80 - 120	0	20
1,2-Dichloroethane	50.0	47.16		ug/Kg		94	79 - 121	0	20
Benzene	50.0	48.16		ug/Kg		96	79 - 120	1	20
Carbon tetrachloride	50.0	53.36		ug/Kg		107	58 - 142	3	20
Chlorobenzene	50.0	50.56		ug/Kg		101	80 - 120	1	20
Di-isopropyl ether (DIPE)	50.0	49.87		ug/Kg		100	65 - 131	2	20
Ethanol	500	553.8		ug/Kg		111	32 - 158	1	27
Ethylbenzene	50.0	50.46		ug/Kg		101	57 - 153	0	20
Ethyl-t-butyl ether (ETBE)	50.0	47.13		ug/Kg		94	58 - 136	3	20
Methyl-t-Butyl Ether (MTBE)	50.0	43.01		ug/Kg		86	64 - 124	3	20
o-Xylene	50.0	51.14		ug/Kg		102	79 - 127	1	20
m,p-Xylene	100	101.1		ug/Kg		101	80 - 122	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*71 - 155*
4-Bromofluorobenzene (Surr)	*99*		*80 - 120*
Dibromofluoromethane (Surr)	*101*		*79 - 133*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: MB 570-36703/6
Matrix: Solid
Analysis Batch: 36703

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.0	ug/Kg			12/04/19 10:41	1
1,1,1-Trichloroethane	ND		1.0	ug/Kg			12/04/19 10:41	1
1,1,2,2-Tetrachloroethane	ND		2.0	ug/Kg			12/04/19 10:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		10	ug/Kg			12/04/19 10:41	1
1,1,2-Trichloroethane	ND		1.0	ug/Kg			12/04/19 10:41	1
1,1-Dichloroethane	ND		1.0	ug/Kg			12/04/19 10:41	1
1,1-Dichloroethene	ND		1.0	ug/Kg			12/04/19 10:41	1
1,1-Dichloropropene	ND		2.0	ug/Kg			12/04/19 10:41	1
1,2,3-Trichlorobenzene	ND		2.0	ug/Kg			12/04/19 10:41	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-36703/6
Matrix: Solid
Analysis Batch: 36703

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2,3-Trichloropropane	ND		2.0		ug/Kg			12/04/19 10:41	1
1,2,4-Trichlorobenzene	ND		2.0		ug/Kg			12/04/19 10:41	1
1,2,4-Trimethylbenzene	ND		2.0		ug/Kg			12/04/19 10:41	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg			12/04/19 10:41	1
1,2-Dibromoethane	ND		1.0		ug/Kg			12/04/19 10:41	1
1,2-Dichlorobenzene	ND		1.0		ug/Kg			12/04/19 10:41	1
1,2-Dichloroethane	ND		1.0		ug/Kg			12/04/19 10:41	1
1,2-Dichloropropane	ND		1.0		ug/Kg			12/04/19 10:41	1
1,3,5-Trimethylbenzene	ND		2.0		ug/Kg			12/04/19 10:41	1
1,3-Dichlorobenzene	ND		1.0		ug/Kg			12/04/19 10:41	1
1,3-Dichloropropane	ND		1.0		ug/Kg			12/04/19 10:41	1
1,4-Dichlorobenzene	ND		1.0		ug/Kg			12/04/19 10:41	1
2,2-Dichloropropane	ND		5.0		ug/Kg			12/04/19 10:41	1
2-Butanone	ND		20		ug/Kg			12/04/19 10:41	1
2-Chlorotoluene	ND		1.0		ug/Kg			12/04/19 10:41	1
2-Hexanone	ND		20		ug/Kg			12/04/19 10:41	1
4-Chlorotoluene	ND		1.0		ug/Kg			12/04/19 10:41	1
4-Methyl-2-pentanone	ND		20		ug/Kg			12/04/19 10:41	1
Acetone	ND		50		ug/Kg			12/04/19 10:41	1
Benzene	ND		1.0		ug/Kg			12/04/19 10:41	1
Bromobenzene	ND		1.0		ug/Kg			12/04/19 10:41	1
Bromochloromethane	ND		2.0		ug/Kg			12/04/19 10:41	1
Bromodichloromethane	ND		1.0		ug/Kg			12/04/19 10:41	1
Bromoform	ND		5.0		ug/Kg			12/04/19 10:41	1
Bromomethane	ND		20		ug/Kg			12/04/19 10:41	1
cis-1,2-Dichloroethene	ND		1.0		ug/Kg			12/04/19 10:41	1
cis-1,3-Dichloropropene	ND		1.0		ug/Kg			12/04/19 10:41	1
Carbon disulfide	ND		10		ug/Kg			12/04/19 10:41	1
Carbon tetrachloride	ND		1.0		ug/Kg			12/04/19 10:41	1
Chlorobenzene	ND		1.0		ug/Kg			12/04/19 10:41	1
Chloroethane	ND		2.0		ug/Kg			12/04/19 10:41	1
Chloroform	ND		1.0		ug/Kg			12/04/19 10:41	1
Chloromethane	ND		20		ug/Kg			12/04/19 10:41	1
Dibromochloromethane	ND		2.0		ug/Kg			12/04/19 10:41	1
Dibromomethane	ND		1.0		ug/Kg			12/04/19 10:41	1
Dichlorodifluoromethane	ND		2.0		ug/Kg			12/04/19 10:41	1
Di-isopropyl ether (DIPE)	ND		1.0		ug/Kg			12/04/19 10:41	1
Ethanol	ND		500		ug/Kg			12/04/19 10:41	1
Ethylbenzene	ND		1.0		ug/Kg			12/04/19 10:41	1
Ethyl-t-butyl ether (ETBE)	ND		1.0		ug/Kg			12/04/19 10:41	1
Isopropylbenzene	ND		1.0		ug/Kg			12/04/19 10:41	1
Methylene Chloride	ND		10		ug/Kg			12/04/19 10:41	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0		ug/Kg			12/04/19 10:41	1
Naphthalene	ND		10		ug/Kg			12/04/19 10:41	1
n-Butylbenzene	ND		1.0		ug/Kg			12/04/19 10:41	1
N-Propylbenzene	ND		2.0		ug/Kg			12/04/19 10:41	1
o-Xylene	ND		1.0		ug/Kg			12/04/19 10:41	1
m,p-Xylene	ND		2.0		ug/Kg			12/04/19 10:41	1
p-Isopropyltoluene	ND		1.0		ug/Kg			12/04/19 10:41	1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-36703/6
Matrix: Solid
Analysis Batch: 36703

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		1.0	ug/Kg			12/04/19 10:41	1
Styrene	ND		1.0	ug/Kg			12/04/19 10:41	1
trans-1,2-Dichloroethene	ND		1.0	ug/Kg			12/04/19 10:41	1
trans-1,3-Dichloropropene	ND		2.0	ug/Kg			12/04/19 10:41	1
Tert-amyl-methyl ether (TAME)	ND		1.0	ug/Kg			12/04/19 10:41	1
tert-Butyl alcohol (TBA)	ND		20	ug/Kg			12/04/19 10:41	1
tert-Butylbenzene	ND		1.0	ug/Kg			12/04/19 10:41	1
Tetrachloroethene	ND		1.0	ug/Kg			12/04/19 10:41	1
Toluene	ND		1.0	ug/Kg			12/04/19 10:41	1
Trichloroethene	ND		2.0	ug/Kg			12/04/19 10:41	1
Trichlorofluoromethane	ND		10	ug/Kg			12/04/19 10:41	1
Vinyl acetate	ND		10	ug/Kg			12/04/19 10:41	1
Vinyl chloride	ND		1.0	ug/Kg			12/04/19 10:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*71 - 155*		*12/04/19 10:41*	*1*
4-Bromofluorobenzene (Surr)	*97*		*80 - 120*		*12/04/19 10:41*	*1*
Dibromofluoromethane (Surr)	*100*		*79 - 133*		*12/04/19 10:41*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*12/04/19 10:41*	*1*

Lab Sample ID: LCS 570-36703/3
Matrix: Solid
Analysis Batch: 36703

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	50.0	48.60		ug/Kg		97	71 - 125
1,2-Dibromoethane	50.0	48.56		ug/Kg		97	80 - 120
1,2-Dichlorobenzene	50.0	48.06		ug/Kg		96	80 - 120
1,2-Dichloroethane	50.0	45.89		ug/Kg		92	79 - 121
Benzene	50.0	47.10		ug/Kg		94	79 - 120
Carbon tetrachloride	50.0	52.60		ug/Kg		105	58 - 142
Chlorobenzene	50.0	47.82		ug/Kg		96	80 - 120
Di-isopropyl ether (DIPE)	50.0	46.49		ug/Kg		93	65 - 131
Ethanol	500	516.5		ug/Kg		103	32 - 158
Ethylbenzene	50.0	49.02		ug/Kg		98	57 - 153
Ethyl-t-butyl ether (ETBE)	50.0	44.34		ug/Kg		89	58 - 136
Methyl-t-Butyl Ether (MTBE)	50.0	40.28		ug/Kg		81	64 - 124
o-Xylene	50.0	49.47		ug/Kg		99	79 - 127
m,p-Xylene	100	97.54		ug/Kg		98	80 - 122

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*98*		*71 - 155*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*
Dibromofluoromethane (Surr)	*99*		*79 - 133*
Toluene-d8 (Surr)	*100*		*80 - 120*

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-36703/4
Matrix: Solid
Analysis Batch: 36703

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene			50.0	51.55		ug/Kg		103	71 - 125	6	20
1,2-Dibromoethane			50.0	52.02		ug/Kg		104	80 - 120	7	20
1,2-Dichlorobenzene			50.0	50.37		ug/Kg		101	80 - 120	5	20
1,2-Dichloroethane			50.0	48.95		ug/Kg		98	79 - 121	6	20
Benzene			50.0	50.17		ug/Kg		100	79 - 120	6	20
Carbon tetrachloride			50.0	56.57		ug/Kg		113	58 - 142	7	20
Chlorobenzene			50.0	50.47		ug/Kg		101	80 - 120	5	20
Di-isopropyl ether (DIPE)			50.0	49.98		ug/Kg		100	65 - 131	7	20
Ethanol			500	537.0		ug/Kg		107	32 - 158	4	27
Ethylbenzene			50.0	51.59		ug/Kg		103	57 - 153	5	20
Ethyl-t-butyl ether (ETBE)			50.0	48.00		ug/Kg		96	58 - 136	8	20
Methyl-t-Butyl Ether (MTBE)			50.0	43.33		ug/Kg		87	64 - 124	7	20
o-Xylene			50.0	51.74		ug/Kg		103	79 - 127	4	20
m,p-Xylene			100	101.9		ug/Kg		102	80 - 122	4	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*71 - 155*
4-Bromofluorobenzene (Surr)	*100*		*80 - 120*
Dibromofluoromethane (Surr)	*102*		*79 - 133*
Toluene-d8 (Surr)	*101*		*80 - 120*

Method: 8270C - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-34853/1-A
Matrix: Solid
Analysis Batch: 35281

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 34853

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50		mg/Kg		11/22/19 19:47	11/25/19 19:49	1
2-Methylnaphthalene	ND		0.50		mg/Kg		11/22/19 19:47	11/25/19 19:49	1
Acenaphthene	ND		0.50		mg/Kg		11/22/19 19:47	11/25/19 19:49	1
Acenaphthylene	ND		0.50		mg/Kg		11/22/19 19:47	11/25/19 19:49	1
Anthracene	ND		0.50		mg/Kg		11/22/19 19:47	11/25/19 19:49	1
Benzo[a]anthracene	ND		0.50		mg/Kg		11/22/19 19:47	11/25/19 19:49	1
Benzo[a]pyrene	ND		0.50		mg/Kg		11/22/19 19:47	11/25/19 19:49	1
Benzo[b]fluoranthene	ND		0.50		mg/Kg		11/22/19 19:47	11/25/19 19:49	1
Benzo[g,h,i]perylene	ND		0.50		mg/Kg		11/22/19 19:47	11/25/19 19:49	1
Benzo[k]fluoranthene	ND		0.50		mg/Kg		11/22/19 19:47	11/25/19 19:49	1
Chrysene	ND		0.50		mg/Kg		11/22/19 19:47	11/25/19 19:49	1
Dibenz(a,h)anthracene	ND		0.50		mg/Kg		11/22/19 19:47	11/25/19 19:49	1
Fluoranthene	ND		0.50		mg/Kg		11/22/19 19:47	11/25/19 19:49	1
Fluorene	ND		0.50		mg/Kg		11/22/19 19:47	11/25/19 19:49	1
Indeno[1,2,3-cd]pyrene	ND		0.50		mg/Kg		11/22/19 19:47	11/25/19 19:49	1
Naphthalene	ND		0.50		mg/Kg		11/22/19 19:47	11/25/19 19:49	1
Phenanthrene	ND		0.50		mg/Kg		11/22/19 19:47	11/25/19 19:49	1
Pyrene	ND		0.50		mg/Kg		11/22/19 19:47	11/25/19 19:49	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-34853/1-A
Matrix: Solid
Analysis Batch: 35281

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 34853

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	87		18 - 138	11/22/19 19:47	11/25/19 19:49	1
2-Fluorobiphenyl (Surr)	81		27 - 120	11/22/19 19:47	11/25/19 19:49	1
2-Fluorophenol (Surr)	84		25 - 120	11/22/19 19:47	11/25/19 19:49	1
Nitrobenzene-d5 (Surr)	70		33 - 123	11/22/19 19:47	11/25/19 19:49	1
Phenol-d6 (Surr)	81		26 - 122	11/22/19 19:47	11/25/19 19:49	1
p-Terphenyl-d14 (Surr)	88		27 - 159	11/22/19 19:47	11/25/19 19:49	1

Lab Sample ID: LCS 570-34853/2-A
Matrix: Solid
Analysis Batch: 35281

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 34853

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	10.0	8.187		mg/Kg		82	51 - 123
Acenaphthylene	10.0	9.659		mg/Kg		97	52 - 120
Fluorene	10.0	8.708		mg/Kg		87	54 - 126
Naphthalene	10.0	8.939		mg/Kg		89	32 - 146
Pyrene	10.0	8.197		mg/Kg		82	47 - 143

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	89		18 - 138
2-Fluorobiphenyl (Surr)	84		27 - 120
2-Fluorophenol (Surr)	88		25 - 120
Nitrobenzene-d5 (Surr)	77		33 - 123
Phenol-d6 (Surr)	85		26 - 122
p-Terphenyl-d14 (Surr)	91		27 - 159

Lab Sample ID: LCSD 570-34853/3-A
Matrix: Solid
Analysis Batch: 35281

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 34853

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	10.0	6.578		mg/Kg		66	51 - 123	22	26
Acenaphthylene	10.0	8.010		mg/Kg		80	52 - 120	19	28
Fluorene	10.0	7.081		mg/Kg		71	54 - 126	21	27
Naphthalene	10.0	7.153	*	mg/Kg		72	32 - 146	22	20
Pyrene	10.0	6.676		mg/Kg		67	47 - 143	20	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4,6-Tribromophenol (Surr)	75		18 - 138
2-Fluorobiphenyl (Surr)	73		27 - 120
2-Fluorophenol (Surr)	72		25 - 120
Nitrobenzene-d5 (Surr)	62		33 - 123
Phenol-d6 (Surr)	70		26 - 122
p-Terphenyl-d14 (Surr)	75		27 - 159

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-13628-4 MS
Matrix: Solid
Analysis Batch: 35281

Client Sample ID: B5-20
Prep Type: Total/NA
Prep Batch: 34853

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	ND		9.99	6.199		mg/Kg		62	34 - 148
Acenaphthylene	ND		9.99	7.474		mg/Kg		75	53 - 120
Fluorene	ND		9.99	6.845		mg/Kg		69	12 - 186
Naphthalene	ND	*	9.99	6.380		mg/Kg		64	20 - 140
Pyrene	ND		9.99	7.379		mg/Kg		74	31 - 169

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*70*		*18 - 138*
2-Fluorobiphenyl (Surr)	*62*		*27 - 120*
2-Fluorophenol (Surr)	*60*		*25 - 120*
Nitrobenzene-d5 (Surr)	*51*		*33 - 123*
Phenol-d6 (Surr)	*60*		*26 - 122*
p-Terphenyl-d14 (Surr)	*81*		*27 - 159*

Lab Sample ID: 570-13628-4 MSD
Matrix: Solid
Analysis Batch: 35281

Client Sample ID: B5-20
Prep Type: Total/NA
Prep Batch: 34853

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	ND		9.98	5.924		mg/Kg		59	34 - 148	5	20
Acenaphthylene	ND		9.98	7.214		mg/Kg		72	53 - 120	4	20
Fluorene	ND		9.98	6.439		mg/Kg		65	12 - 186	6	20
Naphthalene	ND	*	9.98	6.364		mg/Kg		64	20 - 140	0	20
Pyrene	ND		9.98	7.288		mg/Kg		73	31 - 169	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*67*		*18 - 138*
2-Fluorobiphenyl (Surr)	*62*		*27 - 120*
2-Fluorophenol (Surr)	*58*		*25 - 120*
Nitrobenzene-d5 (Surr)	*51*		*33 - 123*
Phenol-d6 (Surr)	*59*		*26 - 122*
p-Terphenyl-d14 (Surr)	*79*		*27 - 159*

Lab Sample ID: MB 570-34865/1-A
Matrix: Solid
Analysis Batch: 35467

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 34865

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 11:32	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 11:32	1
Acenaphthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 11:32	1
Acenaphthylene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 11:32	1
Anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 11:32	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 11:32	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 11:32	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 11:32	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 11:32	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 11:32	1

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-34865/1-A
Matrix: Solid
Analysis Batch: 35467

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 34865

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 11:32	1
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 11:32	1
Fluoranthene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 11:32	1
Fluorene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 11:32	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 11:32	1
Naphthalene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 11:32	1
Phenanthrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 11:32	1
Pyrene	ND		0.50	mg/Kg		11/22/19 20:31	11/26/19 11:32	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*89*		*18 - 138*	*11/22/19 20:31*	*11/26/19 11:32*	*1*
2-Fluorobiphenyl (Surr)	*74*		*27 - 120*	*11/22/19 20:31*	*11/26/19 11:32*	*1*
2-Fluorophenol (Surr)	*79*		*25 - 120*	*11/22/19 20:31*	*11/26/19 11:32*	*1*
Nitrobenzene-d5 (Surr)	*66*		*33 - 123*	*11/22/19 20:31*	*11/26/19 11:32*	*1*
Phenol-d6 (Surr)	*78*		*26 - 122*	*11/22/19 20:31*	*11/26/19 11:32*	*1*
p-Terphenyl-d14 (Surr)	*83*		*27 - 159*	*11/22/19 20:31*	*11/26/19 11:32*	*1*

Lab Sample ID: LCS 570-34865/2-A
Matrix: Solid
Analysis Batch: 35467

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 34865

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	10.0	7.885		mg/Kg		79	51 - 123
Acenaphthylene	10.0	9.411		mg/Kg		94	52 - 120
Fluorene	10.0	8.473		mg/Kg		85	54 - 126
Naphthalene	10.0	8.876		mg/Kg		89	32 - 146
Pyrene	10.0	7.857		mg/Kg		79	47 - 143

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*91*		*18 - 138*
2-Fluorobiphenyl (Surr)	*85*		*27 - 120*
2-Fluorophenol (Surr)	*89*		*25 - 120*
Nitrobenzene-d5 (Surr)	*74*		*33 - 123*
Phenol-d6 (Surr)	*86*		*26 - 122*
p-Terphenyl-d14 (Surr)	*86*		*27 - 159*

Lab Sample ID: LCSD 570-34865/3-A
Matrix: Solid
Analysis Batch: 35467

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 34865

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	10.0	7.580		mg/Kg		76	51 - 123	4	26
Acenaphthylene	10.0	9.214		mg/Kg		92	52 - 120	2	28
Fluorene	10.0	8.125		mg/Kg		81	54 - 126	4	27
Naphthalene	10.0	8.618		mg/Kg		86	32 - 146	3	20
Pyrene	10.0	7.850		mg/Kg		79	47 - 143	0	20

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-34865/3-A
Matrix: Solid
Analysis Batch: 35467

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 34865

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*93*		*18 - 138*
2-Fluorobiphenyl (Surr)	*83*		*27 - 120*
2-Fluorophenol (Surr)	*86*		*25 - 120*
Nitrobenzene-d5 (Surr)	*74*		*33 - 123*
Phenol-d6 (Surr)	*85*		*26 - 122*
p-Terphenyl-d14 (Surr)	*88*		*27 - 159*

Lab Sample ID: 570-13628-28 MS
Matrix: Solid
Analysis Batch: 35467

Client Sample ID: B8-20
Prep Type: Total/NA
Prep Batch: 34865

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	ND		9.99	7.766		mg/Kg		78	34 - 148
Acenaphthylene	ND		9.99	9.205		mg/Kg		92	53 - 120
Fluorene	ND		9.99	8.367		mg/Kg		84	12 - 186
Naphthalene	ND		9.99	8.203		mg/Kg		82	20 - 140
Pyrene	ND		9.99	8.211		mg/Kg		82	31 - 169

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*86*		*18 - 138*
2-Fluorobiphenyl (Surr)	*80*		*27 - 120*
2-Fluorophenol (Surr)	*82*		*25 - 120*
Nitrobenzene-d5 (Surr)	*67*		*33 - 123*
Phenol-d6 (Surr)	*81*		*26 - 122*
p-Terphenyl-d14 (Surr)	*87*		*27 - 159*

Lab Sample ID: 570-13628-28 MSD
Matrix: Solid
Analysis Batch: 35467

Client Sample ID: B8-20
Prep Type: Total/NA
Prep Batch: 34865

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	ND		9.97	7.333		mg/Kg		74	34 - 148	6	20
Acenaphthylene	ND		9.97	8.895		mg/Kg		89	53 - 120	3	20
Fluorene	ND		9.97	7.869		mg/Kg		79	12 - 186	6	20
Naphthalene	ND		9.97	7.843		mg/Kg		79	20 - 140	4	20
Pyrene	ND		9.97	7.927		mg/Kg		80	31 - 169	4	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*80*		*18 - 138*
2-Fluorobiphenyl (Surr)	*75*		*27 - 120*
2-Fluorophenol (Surr)	*80*		*25 - 120*
Nitrobenzene-d5 (Surr)	*63*		*33 - 123*
Phenol-d6 (Surr)	*78*		*26 - 122*
p-Terphenyl-d14 (Surr)	*83*		*27 - 159*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 570-35267/1-A
Matrix: Solid
Analysis Batch: 35783

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 35267

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		11/25/19 15:38	11/27/19 14:15	1
2-Methylnaphthalene	ND		0.50	mg/Kg		11/25/19 15:38	11/27/19 14:15	1
Acenaphthene	ND		0.50	mg/Kg		11/25/19 15:38	11/27/19 14:15	1
Acenaphthylene	ND		0.50	mg/Kg		11/25/19 15:38	11/27/19 14:15	1
Anthracene	ND		0.50	mg/Kg		11/25/19 15:38	11/27/19 14:15	1
Benzo[a]anthracene	ND		0.50	mg/Kg		11/25/19 15:38	11/27/19 14:15	1
Benzo[a]pyrene	ND		0.50	mg/Kg		11/25/19 15:38	11/27/19 14:15	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		11/25/19 15:38	11/27/19 14:15	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		11/25/19 15:38	11/27/19 14:15	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		11/25/19 15:38	11/27/19 14:15	1
Chrysene	ND		0.50	mg/Kg		11/25/19 15:38	11/27/19 14:15	1
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		11/25/19 15:38	11/27/19 14:15	1
Fluoranthene	ND		0.50	mg/Kg		11/25/19 15:38	11/27/19 14:15	1
Fluorene	ND		0.50	mg/Kg		11/25/19 15:38	11/27/19 14:15	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		11/25/19 15:38	11/27/19 14:15	1
Naphthalene	ND		0.50	mg/Kg		11/25/19 15:38	11/27/19 14:15	1
Phenanthrene	ND		0.50	mg/Kg		11/25/19 15:38	11/27/19 14:15	1
Pyrene	ND		0.50	mg/Kg		11/25/19 15:38	11/27/19 14:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*63*		*18 - 138*	*11/25/19 15:38*	*11/27/19 14:15*	*1*
2-Fluorobiphenyl (Surr)	*67*		*27 - 120*	*11/25/19 15:38*	*11/27/19 14:15*	*1*
2-Fluorophenol (Surr)	*69*		*25 - 120*	*11/25/19 15:38*	*11/27/19 14:15*	*1*
Nitrobenzene-d5 (Surr)	*69*		*33 - 123*	*11/25/19 15:38*	*11/27/19 14:15*	*1*
Phenol-d6 (Surr)	*67*		*26 - 122*	*11/25/19 15:38*	*11/27/19 14:15*	*1*
p-Terphenyl-d14 (Surr)	*80*		*27 - 159*	*11/25/19 15:38*	*11/27/19 14:15*	*1*

Lab Sample ID: LCS 570-35267/2-A
Matrix: Solid
Analysis Batch: 35783

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 35267

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	10.0	8.607		mg/Kg		86	51 - 123
Acenaphthylene	10.0	10.06		mg/Kg		101	52 - 120
Fluorene	10.0	9.148		mg/Kg		91	54 - 126
Naphthalene	10.0	9.136		mg/Kg		91	32 - 146
Pyrene	10.0	8.823		mg/Kg		88	47 - 143

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*86*		*18 - 138*
2-Fluorobiphenyl (Surr)	*89*		*27 - 120*
2-Fluorophenol (Surr)	*93*		*25 - 120*
Nitrobenzene-d5 (Surr)	*92*		*33 - 123*
Phenol-d6 (Surr)	*89*		*26 - 122*
p-Terphenyl-d14 (Surr)	*99*		*27 - 159*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 570-35267/3-A
Matrix: Solid
Analysis Batch: 35783

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 35267

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene			10.0	7.922		mg/Kg		79	51 - 123	8	26
Acenaphthylene			10.0	9.600		mg/Kg		96	52 - 120	5	28
Fluorene			10.0	8.715		mg/Kg		87	54 - 126	5	27
Naphthalene			10.0	8.746		mg/Kg		87	32 - 146	4	20
Pyrene			10.0	8.556		mg/Kg		86	47 - 143	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*82*		*18 - 138*
2-Fluorobiphenyl (Surr)	*85*		*27 - 120*
2-Fluorophenol (Surr)	*87*		*25 - 120*
Nitrobenzene-d5 (Surr)	*88*		*33 - 123*
Phenol-d6 (Surr)	*85*		*26 - 122*
p-Terphenyl-d14 (Surr)	*98*		*27 - 159*

Lab Sample ID: 570-13824-A-9-F MS
Matrix: Solid
Analysis Batch: 35783

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 35267

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Acenaphthene	ND		10.0	7.640		mg/Kg		76	34 - 148		
Acenaphthylene	ND		10.0	9.223		mg/Kg		92	53 - 120		
Fluorene	ND		10.0	8.382		mg/Kg		84	12 - 186		
Naphthalene	ND		10.0	8.314		mg/Kg		83	20 - 140		
Pyrene	ND		10.0	9.051		mg/Kg		90	31 - 169		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*81*		*18 - 138*
2-Fluorobiphenyl (Surr)	*78*		*27 - 120*
2-Fluorophenol (Surr)	*81*		*25 - 120*
Nitrobenzene-d5 (Surr)	*81*		*33 - 123*
Phenol-d6 (Surr)	*80*		*26 - 122*
p-Terphenyl-d14 (Surr)	*104*		*27 - 159*

Lab Sample ID: 570-13824-A-9-G MSD
Matrix: Solid
Analysis Batch: 35783

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 35267

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	ND		10.0	7.626		mg/Kg		76	34 - 148	0	20
Acenaphthylene	ND		10.0	9.002		mg/Kg		90	53 - 120	2	20
Fluorene	ND		10.0	8.305		mg/Kg		83	12 - 186	1	20
Naphthalene	ND		10.0	8.060		mg/Kg		81	20 - 140	3	20
Pyrene	ND		10.0	8.835		mg/Kg		88	31 - 169	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*78*		*18 - 138*
2-Fluorobiphenyl (Surr)	*78*		*27 - 120*

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-13824-A-9-G MSD
Matrix: Solid
Analysis Batch: 35783

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 35267

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorophenol (Surr)	*81*		*25 - 120*
Nitrobenzene-d5 (Surr)	*78*		*33 - 123*
Phenol-d6 (Surr)	*80*		*26 - 122*
p-Terphenyl-d14 (Surr)	*102*		*27 - 159*

Lab Sample ID: MB 570-36145/1-A
Matrix: Solid
Analysis Batch: 36416

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 36145

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1-Methylnaphthalene	ND		0.50	mg/Kg		12/02/19 09:15	12/03/19 12:26	1
2-Methylnaphthalene	ND		0.50	mg/Kg		12/02/19 09:15	12/03/19 12:26	1
Acenaphthene	ND		0.50	mg/Kg		12/02/19 09:15	12/03/19 12:26	1
Acenaphthylene	ND		0.50	mg/Kg		12/02/19 09:15	12/03/19 12:26	1
Anthracene	ND		0.50	mg/Kg		12/02/19 09:15	12/03/19 12:26	1
Benzo[a]anthracene	ND		0.50	mg/Kg		12/02/19 09:15	12/03/19 12:26	1
Benzo[a]pyrene	ND		0.50	mg/Kg		12/02/19 09:15	12/03/19 12:26	1
Benzo[b]fluoranthene	ND		0.50	mg/Kg		12/02/19 09:15	12/03/19 12:26	1
Benzo[g,h,i]perylene	ND		0.50	mg/Kg		12/02/19 09:15	12/03/19 12:26	1
Benzo[k]fluoranthene	ND		0.50	mg/Kg		12/02/19 09:15	12/03/19 12:26	1
Chrysene	ND		0.50	mg/Kg		12/02/19 09:15	12/03/19 12:26	1
Dibenz(a,h)anthracene	ND		0.50	mg/Kg		12/02/19 09:15	12/03/19 12:26	1
Fluoranthene	ND		0.50	mg/Kg		12/02/19 09:15	12/03/19 12:26	1
Fluorene	ND		0.50	mg/Kg		12/02/19 09:15	12/03/19 12:26	1
Indeno[1,2,3-cd]pyrene	ND		0.50	mg/Kg		12/02/19 09:15	12/03/19 12:26	1
Naphthalene	ND		0.50	mg/Kg		12/02/19 09:15	12/03/19 12:26	1
Phenanthrene	ND		0.50	mg/Kg		12/02/19 09:15	12/03/19 12:26	1
Pyrene	ND		0.50	mg/Kg		12/02/19 09:15	12/03/19 12:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*67*		*18 - 138*	*12/02/19 09:15*	*12/03/19 12:26*	*1*
2-Fluorobiphenyl (Surr)	*71*		*27 - 120*	*12/02/19 09:15*	*12/03/19 12:26*	*1*
2-Fluorophenol (Surr)	*75*		*25 - 120*	*12/02/19 09:15*	*12/03/19 12:26*	*1*
Nitrobenzene-d5 (Surr)	*70*		*33 - 123*	*12/02/19 09:15*	*12/03/19 12:26*	*1*
Phenol-d6 (Surr)	*76*		*26 - 122*	*12/02/19 09:15*	*12/03/19 12:26*	*1*
p-Terphenyl-d14 (Surr)	*86*		*27 - 159*	*12/02/19 09:15*	*12/03/19 12:26*	*1*

Lab Sample ID: LCS 570-36145/2-A
Matrix: Solid
Analysis Batch: 36416

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 36145

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Acenaphthene	10.0	7.027		mg/Kg		70	51 - 123
Acenaphthylene	10.0	8.486		mg/Kg		85	52 - 120
Fluorene	10.0	8.115		mg/Kg		81	54 - 126
Naphthalene	10.0	7.389		mg/Kg		74	32 - 146
Pyrene	10.0	8.761		mg/Kg		88	47 - 143

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 570-36145/2-A
Matrix: Solid
Analysis Batch: 36416

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 36145

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	74		18 - 138
2-Fluorobiphenyl (Surr)	66		27 - 120
2-Fluorophenol (Surr)	70		25 - 120
Nitrobenzene-d5 (Surr)	71		33 - 123
Phenol-d6 (Surr)	73		26 - 122
p-Terphenyl-d14 (Surr)	96		27 - 159

Lab Sample ID: LCSD 570-36145/3-A
Matrix: Solid
Analysis Batch: 36416

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 36145

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene			10.0	6.536		mg/Kg		65	51 - 123	7	26
Acenaphthylene			10.0	7.913		mg/Kg		79	52 - 120	7	28
Fluorene			10.0	7.696		mg/Kg		77	54 - 126	5	27
Naphthalene			10.0	7.103		mg/Kg		71	32 - 146	4	20
Pyrene			10.0	8.105		mg/Kg		81	47 - 143	8	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4,6-Tribromophenol (Surr)	69		18 - 138
2-Fluorobiphenyl (Surr)	65		27 - 120
2-Fluorophenol (Surr)	68		25 - 120
Nitrobenzene-d5 (Surr)	66		33 - 123
Phenol-d6 (Surr)	69		26 - 122
p-Terphenyl-d14 (Surr)	89		27 - 159

Lab Sample ID: 570-13628-21 MS
Matrix: Solid
Analysis Batch: 36416

Client Sample ID: B7-15
Prep Type: Total/NA
Prep Batch: 36145

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Acenaphthene	ND		9.98	6.956		mg/Kg		70	34 - 148		
Acenaphthylene	ND		9.98	8.240		mg/Kg		83	53 - 120		
Fluorene	ND		9.98	7.885		mg/Kg		79	12 - 186		
Naphthalene	ND		9.98	7.407		mg/Kg		74	20 - 140		
Pyrene	ND		9.98	7.601		mg/Kg		76	31 - 169		

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	70		18 - 138
2-Fluorobiphenyl (Surr)	68		27 - 120
2-Fluorophenol (Surr)	71		25 - 120
Nitrobenzene-d5 (Surr)	70		33 - 123
Phenol-d6 (Surr)	74		26 - 122
p-Terphenyl-d14 (Surr)	85		27 - 159

Method: 8270C - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 570-13628-21 MSD
Matrix: Solid
Analysis Batch: 36416

Client Sample ID: B7-15
Prep Type: Total/NA
Prep Batch: 36145

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Acenaphthene	ND		10.0	6.813		mg/Kg		68	34 - 148	2	20
Acenaphthylene	ND		10.0	7.975		mg/Kg		80	53 - 120	3	20
Fluorene	ND		10.0	7.646		mg/Kg		76	12 - 186	3	20
Naphthalene	ND		10.0	6.962		mg/Kg		70	20 - 140	6	20
Pyrene	ND		10.0	7.322		mg/Kg		73	31 - 169	4	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*68*		*18 - 138*
2-Fluorobiphenyl (Surr)	*67*		*27 - 120*
2-Fluorophenol (Surr)	*71*		*25 - 120*
Nitrobenzene-d5 (Surr)	*68*		*33 - 123*
Phenol-d6 (Surr)	*73*		*26 - 122*
p-Terphenyl-d14 (Surr)	*83*		*27 - 159*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 570-35908/1-A
Matrix: Solid
Analysis Batch: 36084

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 35908

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		4.9		mg/Kg		11/27/19 18:14	11/30/19 17:46	1
C7 as C7	ND		4.9		mg/Kg		11/27/19 18:14	11/30/19 17:46	1
C8 as C8	ND		4.9		mg/Kg		11/27/19 18:14	11/30/19 17:46	1
C9-C10	ND		4.9		mg/Kg		11/27/19 18:14	11/30/19 17:46	1
C11-C12	ND		4.9		mg/Kg		11/27/19 18:14	11/30/19 17:46	1
C13-C14	ND		4.9		mg/Kg		11/27/19 18:14	11/30/19 17:46	1
C15-C16	ND		4.9		mg/Kg		11/27/19 18:14	11/30/19 17:46	1
C17-C18	ND		4.9		mg/Kg		11/27/19 18:14	11/30/19 17:46	1
C19-C20	ND		4.9		mg/Kg		11/27/19 18:14	11/30/19 17:46	1
C21-C22	ND		4.9		mg/Kg		11/27/19 18:14	11/30/19 17:46	1
C23-C24	ND		4.9		mg/Kg		11/27/19 18:14	11/30/19 17:46	1
C25-C28	ND		4.9		mg/Kg		11/27/19 18:14	11/30/19 17:46	1
C29-C32	ND		4.9		mg/Kg		11/27/19 18:14	11/30/19 17:46	1
C33-C36	ND		4.9		mg/Kg		11/27/19 18:14	11/30/19 17:46	1
C37-C40	ND		4.9		mg/Kg		11/27/19 18:14	11/30/19 17:46	1
C41-C44	ND		4.9		mg/Kg		11/27/19 18:14	11/30/19 17:46	1
C6-C44	ND		4.9		mg/Kg		11/27/19 18:14	11/30/19 17:46	1
Diesel Range Organics [C10-C28]	ND		4.9		mg/Kg		11/27/19 18:14	11/30/19 17:46	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*93*		*61 - 145*	*11/27/19 18:14*	*11/30/19 17:46*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 570-35908/2-A
Matrix: Solid
Analysis Batch: 36084

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 35908

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	400	400.6		mg/Kg		100	67 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*93*		*61 - 145*

Lab Sample ID: LCSD 570-35908/3-A
Matrix: Solid
Analysis Batch: 36084

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 35908

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	396	402.2		mg/Kg		102	67 - 121	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*92*		*61 - 145*

Lab Sample ID: 570-13749-A-1-H MS
Matrix: Solid
Analysis Batch: 36084

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 35908

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	ND		396	402.0		mg/Kg		101	33 - 153

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
n-Octacosane (Surr)	*92*		*61 - 145*

Lab Sample ID: 570-13749-A-1-I MSD
Matrix: Solid
Analysis Batch: 36084

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 35908

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		395	405.3		mg/Kg		103	33 - 153	1	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
n-Octacosane (Surr)	*91*		*61 - 145*

Lab Sample ID: MB 570-35919/1-A
Matrix: Solid
Analysis Batch: 36086

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 35919

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 00:34	1
C7 as C7	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 00:34	1
C8 as C8	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 00:34	1
C9-C10	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 00:34	1

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 570-35919/1-A
Matrix: Solid
Analysis Batch: 36086

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 35919

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
C11-C12	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 00:34	1
C13-C14	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 00:34	1
C15-C16	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 00:34	1
C17-C18	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 00:34	1
C19-C20	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 00:34	1
C21-C22	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 00:34	1
C23-C24	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 00:34	1
C25-C28	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 00:34	1
C29-C32	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 00:34	1
C33-C36	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 00:34	1
C37-C40	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 00:34	1
C41-C44	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 00:34	1
C6-C44	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 00:34	1
Diesel Range Organics [C10-C28]	ND		5.0	mg/Kg		11/27/19 18:29	12/01/19 00:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*86*		*61 - 145*	*11/27/19 18:29*	*12/01/19 00:34*	*1*

Lab Sample ID: LCS 570-35919/2-A
Matrix: Solid
Analysis Batch: 36086

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 35919

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	392	396.2		mg/Kg		101	67 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*90*		*61 - 145*

Lab Sample ID: LCSD 570-35919/3-A
Matrix: Solid
Analysis Batch: 36086

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 35919

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	392	371.6		mg/Kg		95	67 - 121	6	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*89*		*61 - 145*

Lab Sample ID: 570-13628-3 MS
Matrix: Solid
Analysis Batch: 36086

Client Sample ID: B5-15
Prep Type: Total/NA
Prep Batch: 35919

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	ND		392	407.9		mg/Kg		104	33 - 153

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 570-13628-3 MS
Matrix: Solid
Analysis Batch: 36086

Client Sample ID: B5-15
Prep Type: Total/NA
Prep Batch: 35919

Surrogate	MS %Recovery	MS Qualifier	Limits
n-Octacosane (Surr)	93		61 - 145

Lab Sample ID: 570-13628-3 MSD
Matrix: Solid
Analysis Batch: 36086

Client Sample ID: B5-15
Prep Type: Total/NA
Prep Batch: 35919

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		402	389.6		mg/Kg		97	33 - 153	5	32

Surrogate	MSD %Recovery	MSD Qualifier	Limits
n-Octacosane (Surr)	88		61 - 145

Lab Sample ID: MB 570-35924/1-A
Matrix: Solid
Analysis Batch: 36106

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 35924

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0		mg/Kg		11/27/19 18:38	12/02/19 09:44	1
C7 as C7	ND		5.0		mg/Kg		11/27/19 18:38	12/02/19 09:44	1
C8 as C8	ND		5.0		mg/Kg		11/27/19 18:38	12/02/19 09:44	1
C9-C10	ND		5.0		mg/Kg		11/27/19 18:38	12/02/19 09:44	1
C11-C12	ND		5.0		mg/Kg		11/27/19 18:38	12/02/19 09:44	1
C13-C14	ND		5.0		mg/Kg		11/27/19 18:38	12/02/19 09:44	1
C15-C16	ND		5.0		mg/Kg		11/27/19 18:38	12/02/19 09:44	1
C17-C18	ND		5.0		mg/Kg		11/27/19 18:38	12/02/19 09:44	1
C19-C20	ND		5.0		mg/Kg		11/27/19 18:38	12/02/19 09:44	1
C21-C22	ND		5.0		mg/Kg		11/27/19 18:38	12/02/19 09:44	1
C23-C24	ND		5.0		mg/Kg		11/27/19 18:38	12/02/19 09:44	1
C25-C28	ND		5.0		mg/Kg		11/27/19 18:38	12/02/19 09:44	1
C29-C32	ND		5.0		mg/Kg		11/27/19 18:38	12/02/19 09:44	1
C33-C36	ND		5.0		mg/Kg		11/27/19 18:38	12/02/19 09:44	1
C37-C40	ND		5.0		mg/Kg		11/27/19 18:38	12/02/19 09:44	1
C41-C44	ND		5.0		mg/Kg		11/27/19 18:38	12/02/19 09:44	1
C6-C44	ND		5.0		mg/Kg		11/27/19 18:38	12/02/19 09:44	1
Diesel Range Organics [C10-C28]	ND		5.0		mg/Kg		11/27/19 18:38	12/02/19 09:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
n-Octacosane (Surr)	93		61 - 145	11/27/19 18:38	12/02/19 09:44	1

Lab Sample ID: LCS 570-35924/2-A
Matrix: Solid
Analysis Batch: 36106

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 35924

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics [C10-C28]			394	418.6		mg/Kg		106	67 - 121		

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 570-35924/2-A
Matrix: Solid
Analysis Batch: 36106

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 35924

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*98*		*61 - 145*

Lab Sample ID: LCSD 570-35924/3-A
Matrix: Solid
Analysis Batch: 36106

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 35924

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	396	410.5		mg/Kg		104	67 - 121	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*95*		*61 - 145*

Lab Sample ID: 570-13628-23 MS
Matrix: Solid
Analysis Batch: 36106

Client Sample ID: B7-25
Prep Type: Total/NA
Prep Batch: 35924

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	ND		391	401.6		mg/Kg		103	33 - 153

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
n-Octacosane (Surr)	*93*		*61 - 145*

Lab Sample ID: 570-13628-23 MSD
Matrix: Solid
Analysis Batch: 36106

Client Sample ID: B7-25
Prep Type: Total/NA
Prep Batch: 35924

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	ND		389	409.3		mg/Kg		105	33 - 153	2	32

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
n-Octacosane (Surr)	*97*		*61 - 145*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-35297/1-A
Matrix: Solid
Analysis Batch: 36237

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 35297

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Silver	ND		0.244	mg/Kg		11/26/19 13:30	11/30/19 18:30	1
Arsenic	ND		0.732	mg/Kg		11/26/19 13:30	11/30/19 18:30	1
Barium	ND		0.488	mg/Kg		11/26/19 13:30	11/30/19 18:30	1
Beryllium	ND		0.244	mg/Kg		11/26/19 13:30	11/30/19 18:30	1
Cadmium	ND		0.488	mg/Kg		11/26/19 13:30	11/30/19 18:30	1
Cobalt	ND		0.244	mg/Kg		11/26/19 13:30	11/30/19 18:30	1
Chromium	ND		0.244	mg/Kg		11/26/19 13:30	11/30/19 18:30	1

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: MB 570-35297/1-A
Matrix: Solid
Analysis Batch: 36237

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 35297

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	ND		0.488	mg/Kg		11/26/19 13:30	11/30/19 18:30	1
Molybdenum	ND		0.244	mg/Kg		11/26/19 13:30	11/30/19 18:30	1
Nickel	ND		0.244	mg/Kg		11/26/19 13:30	11/30/19 18:30	1
Antimony	ND		0.732	mg/Kg		11/26/19 13:30	11/30/19 18:30	1
Selenium	ND		0.732	mg/Kg		11/26/19 13:30	11/30/19 18:30	1
Thallium	ND		0.732	mg/Kg		11/26/19 13:30	11/30/19 18:30	1
Vanadium	ND		0.244	mg/Kg		11/26/19 13:30	11/30/19 18:30	1
Zinc	ND		0.976	mg/Kg		11/26/19 13:30	11/30/19 18:30	1
Lead	ND		0.488	mg/Kg		11/26/19 13:30	11/30/19 18:30	1

Lab Sample ID: LCS 570-35297/2-A
Matrix: Solid
Analysis Batch: 36237

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 35297

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Silver	12.3	12.70		mg/Kg		103	80 - 120
Arsenic	24.6	21.04		mg/Kg		85	80 - 120
Barium	24.6	25.18		mg/Kg		102	80 - 120
Beryllium	24.6	23.59		mg/Kg		96	80 - 120
Cadmium	24.6	24.45		mg/Kg		99	80 - 120
Cobalt	24.6	25.44		mg/Kg		103	80 - 120
Chromium	24.6	24.83		mg/Kg		101	80 - 120
Copper	24.6	25.86		mg/Kg		105	80 - 120
Molybdenum	24.6	21.90		mg/Kg		89	80 - 120
Nickel	24.6	25.28		mg/Kg		103	80 - 120
Antimony	24.6	28.17		mg/Kg		114	80 - 120
Selenium	24.6	22.92		mg/Kg		93	80 - 120
Thallium	24.6	24.67		mg/Kg		100	80 - 120
Vanadium	24.6	23.73		mg/Kg		96	80 - 120
Zinc	24.6	23.93		mg/Kg		97	80 - 120
Lead	24.6	24.29		mg/Kg		99	80 - 120

Lab Sample ID: LCSD 570-35297/3-A
Matrix: Solid
Analysis Batch: 36237

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 35297

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Silver	12.8	13.36		mg/Kg		104	80 - 120	5	20
Arsenic	25.6	22.58		mg/Kg		88	80 - 120	7	20
Barium	25.6	26.35		mg/Kg		103	80 - 120	5	20
Beryllium	25.6	24.22		mg/Kg		94	80 - 120	3	20
Cadmium	25.6	25.73		mg/Kg		100	80 - 120	5	20
Cobalt	25.6	26.64		mg/Kg		104	80 - 120	5	20
Chromium	25.6	26.00		mg/Kg		101	80 - 120	5	20
Copper	25.6	26.89		mg/Kg		105	80 - 120	4	20
Molybdenum	25.6	23.45		mg/Kg		91	80 - 120	7	20
Nickel	25.6	26.63		mg/Kg		104	80 - 120	5	20
Antimony	25.6	29.75		mg/Kg		116	80 - 120	5	20
Selenium	25.6	24.92		mg/Kg		97	80 - 120	8	20

Method: 6010B - Metals (ICP) (Continued)

Lab Sample ID: LCSD 570-35297/3-A
Matrix: Solid
Analysis Batch: 36237

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 35297

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Thallium			25.6	25.71		mg/Kg		100	80 - 120	4	20
Vanadium			25.6	25.05		mg/Kg		98	80 - 120	5	20
Zinc			25.6	25.30		mg/Kg		99	80 - 120	6	20
Lead			25.6	25.87		mg/Kg		101	80 - 120	6	20

Lab Sample ID: 570-13628-37 MS
Matrix: Solid
Analysis Batch: 36237

Client Sample ID: B1-3
Prep Type: Total/NA
Prep Batch: 35297

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Silver	ND		13.0	13.60		mg/Kg		104	75 - 125		
Arsenic	3.45		26.0	28.99		mg/Kg		98	75 - 125		
Barium	124		26.0	163.4	4	mg/Kg		151	75 - 125		
Beryllium	0.378		26.0	26.90		mg/Kg		102	75 - 125		
Cadmium	ND		26.0	26.48		mg/Kg		102	75 - 125		
Cobalt	4.83		26.0	31.15		mg/Kg		101	75 - 125		
Chromium	13.5		26.0	41.47		mg/Kg		107	75 - 125		
Copper	10.8		26.0	39.22		mg/Kg		109	75 - 125		
Molybdenum	0.338		26.0	23.42		mg/Kg		89	75 - 125		
Nickel	8.72		26.0	34.88		mg/Kg		100	75 - 125		
Antimony	ND	F1	26.0	8.256	F1	mg/Kg		30	50 - 115		
Selenium	ND	L	26.0	23.95		mg/Kg		92	75 - 125		
Thallium	ND		26.0	25.38		mg/Kg		95	75 - 125		
Vanadium	22.8		26.0	50.33		mg/Kg		106	75 - 125		
Zinc	26.9		26.0	53.36		mg/Kg		101	75 - 125		
Lead	3.90		26.0	30.66		mg/Kg		103	75 - 125		

Lab Sample ID: 570-13628-37 MSD
Matrix: Solid
Analysis Batch: 36237

Client Sample ID: B1-3
Prep Type: Total/NA
Prep Batch: 35297

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Silver	ND		12.7	12.90		mg/Kg		102	75 - 125	5	20
Arsenic	3.45		25.4	27.47		mg/Kg		95	75 - 125	5	20
Barium	124		25.4	153.4	4	mg/Kg		115	75 - 125	6	20
Beryllium	0.378		25.4	25.77		mg/Kg		100	75 - 125	4	20
Cadmium	ND		25.4	25.14		mg/Kg		99	75 - 125	5	20
Cobalt	4.83		25.4	29.94		mg/Kg		99	75 - 125	4	20
Chromium	13.5		25.4	39.79		mg/Kg		104	75 - 125	4	20
Copper	10.8		25.4	38.84		mg/Kg		110	75 - 125	1	20
Molybdenum	0.338		25.4	23.19		mg/Kg		90	75 - 125	1	20
Nickel	8.72		25.4	33.51		mg/Kg		98	75 - 125	4	20
Antimony	ND	F1	25.4	8.494	F1	mg/Kg		31	50 - 115	3	20
Selenium	ND	L	25.4	23.98		mg/Kg		94	75 - 125	0	20
Thallium	ND		25.4	24.30		mg/Kg		94	75 - 125	4	20
Vanadium	22.8		25.4	48.52		mg/Kg		101	75 - 125	4	20
Zinc	26.9		25.4	51.36		mg/Kg		96	75 - 125	4	20
Lead	3.90		25.4	29.46		mg/Kg		101	75 - 125	4	20

QC Association Summary

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13628-1

GC/MS VOA

Prep Batch: 34828

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-13628-1	B5-5	Total/NA	Solid	5035	
570-13628-2	B5-10	Total/NA	Solid	5035	
570-13628-3	B5-15	Total/NA	Solid	5035	
570-13628-7	B6-5	Total/NA	Solid	5035	
570-13628-8	B6-10	Total/NA	Solid	5035	
570-13628-9	B6-15	Total/NA	Solid	5035	
570-13628-13	B4-5	Total/NA	Solid	5035	
570-13628-14	B4-10	Total/NA	Solid	5035	
570-13628-15	B4-15	Total/NA	Solid	5035	
570-13628-19	B7-5	Total/NA	Solid	5035	
570-13628-20	B7-10	Total/NA	Solid	5035	
570-13628-21	B7-15	Total/NA	Solid	5035	
570-13628-25	B8-5	Total/NA	Solid	5035	
570-13628-26	B8-10	Total/NA	Solid	5035	
570-13628-27	B8-15	Total/NA	Solid	5035	
570-13628-31	B9-5	Total/NA	Solid	5035	
570-13628-32	B9-10	Total/NA	Solid	5035	
570-13628-33	B9-15	Total/NA	Solid	5035	

Analysis Batch: 36637

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-13628-1	B5-5	Total/NA	Solid	8260B	34828
570-13628-2	B5-10	Total/NA	Solid	8260B	34828
570-13628-3	B5-15	Total/NA	Solid	8260B	34828
570-13628-7	B6-5	Total/NA	Solid	8260B	34828
570-13628-8	B6-10	Total/NA	Solid	8260B	34828
570-13628-9	B6-15	Total/NA	Solid	8260B	34828
570-13628-13	B4-5	Total/NA	Solid	8260B	34828
570-13628-14	B4-10	Total/NA	Solid	8260B	34828
570-13628-15	B4-15	Total/NA	Solid	8260B	34828
570-13628-19	B7-5	Total/NA	Solid	8260B	34828
MB 570-36637/6	Method Blank	Total/NA	Solid	8260B	
LCS 570-36637/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 570-36637/4	Lab Control Sample Dup	Total/NA	Solid	8260B	

Analysis Batch: 36703

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-13628-20	B7-10	Total/NA	Solid	8260B	34828
570-13628-21	B7-15	Total/NA	Solid	8260B	34828
570-13628-25	B8-5	Total/NA	Solid	8260B	34828
570-13628-26	B8-10	Total/NA	Solid	8260B	34828
570-13628-27	B8-15	Total/NA	Solid	8260B	34828
570-13628-31	B9-5	Total/NA	Solid	8260B	34828
570-13628-32	B9-10	Total/NA	Solid	8260B	34828
570-13628-33	B9-15	Total/NA	Solid	8260B	34828
MB 570-36703/6	Method Blank	Total/NA	Solid	8260B	
LCS 570-36703/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 570-36703/4	Lab Control Sample Dup	Total/NA	Solid	8260B	

QC Association Summary

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13628-1

GC/MS Semi VOA

Prep Batch: 34853

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-13628-1	B5-5	Total/NA	Solid	3545	
570-13628-2	B5-10	Total/NA	Solid	3545	
570-13628-3	B5-15	Total/NA	Solid	3545	
570-13628-4	B5-20	Total/NA	Solid	3545	
570-13628-5	B5-25	Total/NA	Solid	3545	
570-13628-6	B5-30	Total/NA	Solid	3545	
570-13628-7	B6-5	Total/NA	Solid	3545	
570-13628-8	B6-10	Total/NA	Solid	3545	
570-13628-9	B6-15	Total/NA	Solid	3545	
570-13628-10	B6-20	Total/NA	Solid	3545	
570-13628-11	B6-25	Total/NA	Solid	3545	
570-13628-12	B6-30	Total/NA	Solid	3545	
570-13628-13	B4-5	Total/NA	Solid	3545	
570-13628-14	B4-10	Total/NA	Solid	3545	
570-13628-15	B4-15	Total/NA	Solid	3545	
570-13628-16	B4-20	Total/NA	Solid	3545	
570-13628-17	B4-25	Total/NA	Solid	3545	
570-13628-18	B4-30	Total/NA	Solid	3545	
570-13628-19	B7-5	Total/NA	Solid	3545	
MB 570-34853/1-A	Method Blank	Total/NA	Solid	3545	
LCS 570-34853/2-A	Lab Control Sample	Total/NA	Solid	3545	
LCSD 570-34853/3-A	Lab Control Sample Dup	Total/NA	Solid	3545	
570-13628-4 MS	B5-20	Total/NA	Solid	3545	
570-13628-4 MSD	B5-20	Total/NA	Solid	3545	

Prep Batch: 34865

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-13628-22	B7-20	Total/NA	Solid	3545	
570-13628-23	B7-25	Total/NA	Solid	3545	
570-13628-24	B7-30	Total/NA	Solid	3545	
570-13628-25	B8-5	Total/NA	Solid	3545	
570-13628-26	B8-10	Total/NA	Solid	3545	
570-13628-27	B8-15	Total/NA	Solid	3545	
570-13628-28	B8-20	Total/NA	Solid	3545	
570-13628-29	B8-25	Total/NA	Solid	3545	
570-13628-30	B8-30	Total/NA	Solid	3545	
570-13628-31	B9-5	Total/NA	Solid	3545	
570-13628-32	B9-10	Total/NA	Solid	3545	
570-13628-33	B9-15	Total/NA	Solid	3545	
570-13628-34	B9-20	Total/NA	Solid	3545	
570-13628-35	B9-25	Total/NA	Solid	3545	
570-13628-36	B9-30	Total/NA	Solid	3545	
570-13628-37	B1-3	Total/NA	Solid	3545	
570-13628-38	B3-1	Total/NA	Solid	3545	
570-13628-39	B9-1	Total/NA	Solid	3545	
MB 570-34865/1-A	Method Blank	Total/NA	Solid	3545	
LCS 570-34865/2-A	Lab Control Sample	Total/NA	Solid	3545	
LCSD 570-34865/3-A	Lab Control Sample Dup	Total/NA	Solid	3545	
570-13628-28 MS	B8-20	Total/NA	Solid	3545	
570-13628-28 MSD	B8-20	Total/NA	Solid	3545	

QC Association Summary

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13628-1

GC/MS Semi VOA

Analysis Batch: 35177

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-13628-18	B4-30	Total/NA	Solid	8270C	34853
570-13628-19	B7-5	Total/NA	Solid	8270C	34853

Prep Batch: 35267

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-13628-20	B7-10	Total/NA	Solid	3545	
MB 570-35267/1-A	Method Blank	Total/NA	Solid	3545	
LCS 570-35267/2-A	Lab Control Sample	Total/NA	Solid	3545	
LCSD 570-35267/3-A	Lab Control Sample Dup	Total/NA	Solid	3545	
570-13824-A-9-F MS	Matrix Spike	Total/NA	Solid	3545	
570-13824-A-9-G MSD	Matrix Spike Duplicate	Total/NA	Solid	3545	

Analysis Batch: 35281

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-13628-1	B5-5	Total/NA	Solid	8270C	34853
570-13628-2	B5-10	Total/NA	Solid	8270C	34853
570-13628-3	B5-15	Total/NA	Solid	8270C	34853
570-13628-4	B5-20	Total/NA	Solid	8270C	34853
570-13628-5	B5-25	Total/NA	Solid	8270C	34853
570-13628-6	B5-30	Total/NA	Solid	8270C	34853
570-13628-7	B6-5	Total/NA	Solid	8270C	34853
MB 570-34853/1-A	Method Blank	Total/NA	Solid	8270C	34853
LCS 570-34853/2-A	Lab Control Sample	Total/NA	Solid	8270C	34853
LCSD 570-34853/3-A	Lab Control Sample Dup	Total/NA	Solid	8270C	34853
570-13628-4 MS	B5-20	Total/NA	Solid	8270C	34853
570-13628-4 MSD	B5-20	Total/NA	Solid	8270C	34853

Analysis Batch: 35467

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-13628-8	B6-10	Total/NA	Solid	8270C	34853
570-13628-9	B6-15	Total/NA	Solid	8270C	34853
570-13628-10	B6-20	Total/NA	Solid	8270C	34853
570-13628-11	B6-25	Total/NA	Solid	8270C	34853
570-13628-22	B7-20	Total/NA	Solid	8270C	34865
570-13628-23	B7-25	Total/NA	Solid	8270C	34865
570-13628-24	B7-30	Total/NA	Solid	8270C	34865
570-13628-25	B8-5	Total/NA	Solid	8270C	34865
570-13628-26	B8-10	Total/NA	Solid	8270C	34865
570-13628-27	B8-15	Total/NA	Solid	8270C	34865
570-13628-28	B8-20	Total/NA	Solid	8270C	34865
570-13628-29	B8-25	Total/NA	Solid	8270C	34865
570-13628-30	B8-30	Total/NA	Solid	8270C	34865
570-13628-31	B9-5	Total/NA	Solid	8270C	34865
570-13628-32	B9-10	Total/NA	Solid	8270C	34865
570-13628-33	B9-15	Total/NA	Solid	8270C	34865
570-13628-34	B9-20	Total/NA	Solid	8270C	34865
570-13628-35	B9-25	Total/NA	Solid	8270C	34865
570-13628-36	B9-30	Total/NA	Solid	8270C	34865
570-13628-37	B1-3	Total/NA	Solid	8270C	34865
570-13628-38	B3-1	Total/NA	Solid	8270C	34865
570-13628-39	B9-1	Total/NA	Solid	8270C	34865

GC/MS Semi VOA (Continued)

Analysis Batch: 35467 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 570-34865/1-A	Method Blank	Total/NA	Solid	8270C	34865
LCS 570-34865/2-A	Lab Control Sample	Total/NA	Solid	8270C	34865
LCSD 570-34865/3-A	Lab Control Sample Dup	Total/NA	Solid	8270C	34865
570-13628-28 MS	B8-20	Total/NA	Solid	8270C	34865
570-13628-28 MSD	B8-20	Total/NA	Solid	8270C	34865

Analysis Batch: 35511

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-13628-12	B6-30	Total/NA	Solid	8270C	34853
570-13628-13	B4-5	Total/NA	Solid	8270C	34853
570-13628-14	B4-10	Total/NA	Solid	8270C	34853
570-13628-15	B4-15	Total/NA	Solid	8270C	34853
570-13628-16	B4-20	Total/NA	Solid	8270C	34853
570-13628-17	B4-25	Total/NA	Solid	8270C	34853

Analysis Batch: 35783

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-13628-20	B7-10	Total/NA	Solid	8270C	35267
MB 570-35267/1-A	Method Blank	Total/NA	Solid	8270C	35267
LCS 570-35267/2-A	Lab Control Sample	Total/NA	Solid	8270C	35267
LCSD 570-35267/3-A	Lab Control Sample Dup	Total/NA	Solid	8270C	35267
570-13824-A-9-F MS	Matrix Spike	Total/NA	Solid	8270C	35267
570-13824-A-9-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8270C	35267

Prep Batch: 36145

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-13628-21	B7-15	Total/NA	Solid	3545	
MB 570-36145/1-A	Method Blank	Total/NA	Solid	3545	
LCS 570-36145/2-A	Lab Control Sample	Total/NA	Solid	3545	
LCSD 570-36145/3-A	Lab Control Sample Dup	Total/NA	Solid	3545	
570-13628-21 MS	B7-15	Total/NA	Solid	3545	
570-13628-21 MSD	B7-15	Total/NA	Solid	3545	

Analysis Batch: 36416

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-13628-21	B7-15	Total/NA	Solid	8270C	36145
MB 570-36145/1-A	Method Blank	Total/NA	Solid	8270C	36145
LCS 570-36145/2-A	Lab Control Sample	Total/NA	Solid	8270C	36145
LCSD 570-36145/3-A	Lab Control Sample Dup	Total/NA	Solid	8270C	36145
570-13628-21 MS	B7-15	Total/NA	Solid	8270C	36145
570-13628-21 MSD	B7-15	Total/NA	Solid	8270C	36145

GC Semi VOA

Prep Batch: 35908

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-13628-1	B5-5	Total/NA	Solid	3550C	
570-13628-2	B5-10	Total/NA	Solid	3550C	
MB 570-35908/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-35908/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-35908/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	

GC Semi VOA (Continued)

Prep Batch: 35908 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-13749-A-1-H MS	Matrix Spike	Total/NA	Solid	3550C	
570-13749-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	3550C	

Prep Batch: 35919

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-13628-3	B5-15	Total/NA	Solid	3550C	
570-13628-4	B5-20	Total/NA	Solid	3550C	
570-13628-5	B5-25	Total/NA	Solid	3550C	
570-13628-6	B5-30	Total/NA	Solid	3550C	
570-13628-7	B6-5	Total/NA	Solid	3550C	
570-13628-8	B6-10	Total/NA	Solid	3550C	
570-13628-9	B6-15	Total/NA	Solid	3550C	
570-13628-10	B6-20	Total/NA	Solid	3550C	
570-13628-11	B6-25	Total/NA	Solid	3550C	
570-13628-12	B6-30	Total/NA	Solid	3550C	
570-13628-13	B4-5	Total/NA	Solid	3550C	
570-13628-14	B4-10	Total/NA	Solid	3550C	
570-13628-15	B4-15	Total/NA	Solid	3550C	
570-13628-16	B4-20	Total/NA	Solid	3550C	
570-13628-17	B4-25	Total/NA	Solid	3550C	
570-13628-18	B4-30	Total/NA	Solid	3550C	
570-13628-19	B7-5	Total/NA	Solid	3550C	
570-13628-20	B7-10	Total/NA	Solid	3550C	
570-13628-21	B7-15	Total/NA	Solid	3550C	
570-13628-22	B7-20	Total/NA	Solid	3550C	
MB 570-35919/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-35919/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-35919/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
570-13628-3 MS	B5-15	Total/NA	Solid	3550C	
570-13628-3 MSD	B5-15	Total/NA	Solid	3550C	

Prep Batch: 35924

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-13628-23	B7-25	Total/NA	Solid	3550C	
570-13628-24	B7-30	Total/NA	Solid	3550C	
570-13628-25	B8-5	Total/NA	Solid	3550C	
570-13628-26	B8-10	Total/NA	Solid	3550C	
570-13628-27	B8-15	Total/NA	Solid	3550C	
570-13628-28	B8-20	Total/NA	Solid	3550C	
570-13628-29	B8-25	Total/NA	Solid	3550C	
570-13628-30	B8-30	Total/NA	Solid	3550C	
570-13628-31	B9-5	Total/NA	Solid	3550C	
570-13628-32	B9-10	Total/NA	Solid	3550C	
570-13628-33	B9-15	Total/NA	Solid	3550C	
570-13628-34	B9-20	Total/NA	Solid	3550C	
570-13628-35	B9-25	Total/NA	Solid	3550C	
570-13628-36	B9-30	Total/NA	Solid	3550C	
570-13628-37	B1-3	Total/NA	Solid	3550C	
570-13628-38	B3-1	Total/NA	Solid	3550C	
570-13628-39	B9-1	Total/NA	Solid	3550C	
MB 570-35924/1-A	Method Blank	Total/NA	Solid	3550C	

GC Semi VOA (Continued)

Prep Batch: 35924 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 570-35924/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-35924/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	
570-13628-23 MS	B7-25	Total/NA	Solid	3550C	
570-13628-23 MSD	B7-25	Total/NA	Solid	3550C	

Analysis Batch: 36084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-13628-1	B5-5	Total/NA	Solid	8015B	35908
570-13628-2	B5-10	Total/NA	Solid	8015B	35908
MB 570-35908/1-A	Method Blank	Total/NA	Solid	8015B	35908
LCS 570-35908/2-A	Lab Control Sample	Total/NA	Solid	8015B	35908
LCSD 570-35908/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	35908
570-13749-A-1-H MS	Matrix Spike	Total/NA	Solid	8015B	35908
570-13749-A-1-I MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B	35908

Analysis Batch: 36086

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-13628-3	B5-15	Total/NA	Solid	8015B	35919
570-13628-4	B5-20	Total/NA	Solid	8015B	35919
570-13628-5	B5-25	Total/NA	Solid	8015B	35919
570-13628-6	B5-30	Total/NA	Solid	8015B	35919
570-13628-7	B6-5	Total/NA	Solid	8015B	35919
570-13628-8	B6-10	Total/NA	Solid	8015B	35919
570-13628-9	B6-15	Total/NA	Solid	8015B	35919
570-13628-10	B6-20	Total/NA	Solid	8015B	35919
570-13628-12	B6-30	Total/NA	Solid	8015B	35919
570-13628-13	B4-5	Total/NA	Solid	8015B	35919
570-13628-14	B4-10	Total/NA	Solid	8015B	35919
570-13628-15	B4-15	Total/NA	Solid	8015B	35919
570-13628-16	B4-20	Total/NA	Solid	8015B	35919
570-13628-17	B4-25	Total/NA	Solid	8015B	35919
570-13628-18	B4-30	Total/NA	Solid	8015B	35919
570-13628-19	B7-5	Total/NA	Solid	8015B	35919
570-13628-20	B7-10	Total/NA	Solid	8015B	35919
570-13628-21	B7-15	Total/NA	Solid	8015B	35919
570-13628-22	B7-20	Total/NA	Solid	8015B	35919
MB 570-35919/1-A	Method Blank	Total/NA	Solid	8015B	35919
LCS 570-35919/2-A	Lab Control Sample	Total/NA	Solid	8015B	35919
LCSD 570-35919/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	35919
570-13628-3 MS	B5-15	Total/NA	Solid	8015B	35919
570-13628-3 MSD	B5-15	Total/NA	Solid	8015B	35919

Analysis Batch: 36106

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-13628-23	B7-25	Total/NA	Solid	8015B	35924
570-13628-24	B7-30	Total/NA	Solid	8015B	35924
570-13628-25	B8-5	Total/NA	Solid	8015B	35924
570-13628-26	B8-10	Total/NA	Solid	8015B	35924
570-13628-27	B8-15	Total/NA	Solid	8015B	35924
570-13628-28	B8-20	Total/NA	Solid	8015B	35924
570-13628-29	B8-25	Total/NA	Solid	8015B	35924

GC Semi VOA (Continued)

Analysis Batch: 36106 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-13628-30	B8-30	Total/NA	Solid	8015B	35924
570-13628-31	B9-5	Total/NA	Solid	8015B	35924
570-13628-32	B9-10	Total/NA	Solid	8015B	35924
570-13628-33	B9-15	Total/NA	Solid	8015B	35924
570-13628-34	B9-20	Total/NA	Solid	8015B	35924
570-13628-35	B9-25	Total/NA	Solid	8015B	35924
570-13628-36	B9-30	Total/NA	Solid	8015B	35924
570-13628-37	B1-3	Total/NA	Solid	8015B	35924
570-13628-38	B3-1	Total/NA	Solid	8015B	35924
570-13628-39	B9-1	Total/NA	Solid	8015B	35924
MB 570-35924/1-A	Method Blank	Total/NA	Solid	8015B	35924
LCS 570-35924/2-A	Lab Control Sample	Total/NA	Solid	8015B	35924
LCSD 570-35924/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	35924
570-13628-23 MS	B7-25	Total/NA	Solid	8015B	35924
570-13628-23 MSD	B7-25	Total/NA	Solid	8015B	35924

Analysis Batch: 36192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-13628-11	B6-25	Total/NA	Solid	8015B	35919

Metals

Prep Batch: 35297

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-13628-37	B1-3	Total/NA	Solid	3050B	
570-13628-38	B3-1	Total/NA	Solid	3050B	
570-13628-39	B9-1	Total/NA	Solid	3050B	
MB 570-35297/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 570-35297/2-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 570-35297/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	
570-13628-37 MS	B1-3	Total/NA	Solid	3050B	
570-13628-37 MSD	B1-3	Total/NA	Solid	3050B	

Prep Batch: 35307

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-13628-37	B1-3	Total/NA	Solid	7471A	
570-13628-38	B3-1	Total/NA	Solid	7471A	
570-13628-39	B9-1	Total/NA	Solid	7471A	

Analysis Batch: 36214

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-13628-37	B1-3	Total/NA	Solid	7471A	35307
570-13628-38	B3-1	Total/NA	Solid	7471A	35307
570-13628-39	B9-1	Total/NA	Solid	7471A	35307

Analysis Batch: 36237

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-13628-37	B1-3	Total/NA	Solid	6010B	35297
570-13628-38	B3-1	Total/NA	Solid	6010B	35297
570-13628-39	B9-1	Total/NA	Solid	6010B	35297
MB 570-35297/1-A	Method Blank	Total/NA	Solid	6010B	35297

Metals (Continued)

Analysis Batch: 36237 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 570-35297/2-A	Lab Control Sample	Total/NA	Solid	6010B	35297
LCSD 570-35297/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	35297
570-13628-37 MS	B1-3	Total/NA	Solid	6010B	35297
570-13628-37 MSD	B1-3	Total/NA	Solid	6010B	35297

Lab Chronicle

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13628-1

Client Sample ID: B5-5

Lab Sample ID: 570-13628-1
Date Collected: 11/21/19 13:05
Matrix: Solid
Date Received: 11/21/19 16:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.237 g	5 g	34828	11/22/19 18:22	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	36637	12/04/19 16:13	U4JL	ECL 2
	Instrument ID:	GCMSCC								
Total/NA	Prep	3545			20.01 g	2 mL	34853	11/22/19 19:47	USUL	ECL 1
Total/NA	Analysis	8270C		1			35281	11/26/19 02:16	N8CZ	ECL 1
	Instrument ID:	GCMSSS								
Total/NA	Prep	3550C			10.11 g	10 mL	35908	11/27/19 18:14	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36084	12/01/19 02:19	I9H5	ECL 1
	Instrument ID:	GC49								

Client Sample ID: B5-10

Lab Sample ID: 570-13628-2
Date Collected: 11/21/19 13:20
Matrix: Solid
Date Received: 11/21/19 16:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6 g	5 g	34828	11/22/19 18:22	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	36637	12/04/19 16:40	U4JL	ECL 2
	Instrument ID:	GCMSCC								
Total/NA	Prep	3545			20.00 g	2 mL	34853	11/22/19 19:47	USUL	ECL 1
Total/NA	Analysis	8270C		1			35281	11/26/19 02:35	N8CZ	ECL 1
	Instrument ID:	GCMSSS								
Total/NA	Prep	3550C			10.10 g	10 mL	35908	11/27/19 18:14	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36084	12/01/19 02:40	I9H5	ECL 1
	Instrument ID:	GC49								

Client Sample ID: B5-15

Lab Sample ID: 570-13628-3
Date Collected: 11/21/19 13:28
Matrix: Solid
Date Received: 11/21/19 16:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.637 g	5 g	34828	11/22/19 18:22	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	36637	12/04/19 17:07	U4JL	ECL 2
	Instrument ID:	GCMSCC								
Total/NA	Prep	3545			20.02 g	2 mL	34853	11/22/19 19:47	USUL	ECL 1
Total/NA	Analysis	8270C		1			35281	11/26/19 02:55	N8CZ	ECL 1
	Instrument ID:	GCMSSS								
Total/NA	Prep	3550C			10.25 g	10 mL	35919	11/27/19 18:29	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36086	12/01/19 02:09	I9H5	ECL 1
	Instrument ID:	GC50								

Lab Chronicle

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13628-1

Client Sample ID: B5-20
Date Collected: 11/21/19 13:35
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3545			20.01 g	2 mL	34853	11/22/19 19:47	USUL	ECL 1
Total/NA	Analysis	8270C		1			35281	11/26/19 03:14	N8CZ	ECL 1
	Instrument ID:	GCMSSS								
Total/NA	Prep	3550C			10.21 g	10 mL	35919	11/27/19 18:29	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36086	12/01/19 02:29	I9H5	ECL 1
	Instrument ID:	GC50								

Client Sample ID: B5-25
Date Collected: 11/21/19 13:40
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3545			20.00 g	2 mL	34853	11/22/19 19:47	USUL	ECL 1
Total/NA	Analysis	8270C		2			35281	11/26/19 03:33	N8CZ	ECL 1
	Instrument ID:	GCMSSS								
Total/NA	Prep	3550C			10.16 g	10 mL	35919	11/27/19 18:29	SP7J	ECL 1
Total/NA	Analysis	8015B		5			36086	12/01/19 02:48	I9H5	ECL 1
	Instrument ID:	GC50								

Client Sample ID: B5-30
Date Collected: 11/21/19 13:50
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3545			20.01 g	2 mL	34853	11/22/19 19:47	USUL	ECL 1
Total/NA	Analysis	8270C		1			35281	11/26/19 03:53	N8CZ	ECL 1
	Instrument ID:	GCMSSS								
Total/NA	Prep	3550C			10.15 g	10 mL	35919	11/27/19 18:29	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36086	12/01/19 03:07	I9H5	ECL 1
	Instrument ID:	GC50								

Client Sample ID: B6-5
Date Collected: 11/21/19 08:25
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.82 g	5 g	34828	11/22/19 18:22	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	36637	12/04/19 17:33	U4JL	ECL 2
	Instrument ID:	GCMSCC								
Total/NA	Prep	3545			20.01 g	2 mL	34853	11/22/19 19:47	USUL	ECL 1
Total/NA	Analysis	8270C		1			35281	11/26/19 04:12	N8CZ	ECL 1
	Instrument ID:	GCMSSS								
Total/NA	Prep	3550C			10.33 g	10 mL	35919	11/27/19 18:29	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36086	12/01/19 03:27	I9H5	ECL 1
	Instrument ID:	GC50								

Lab Chronicle

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13628-1

Client Sample ID: B6-10

Lab Sample ID: 570-13628-8
Date Collected: 11/21/19 08:30
Matrix: Solid
Date Received: 11/21/19 16:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.268 g	5 g	34828	11/22/19 18:22	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	36637	12/04/19 18:00	U4JL	ECL 2
	Instrument ID:	GCMSCC								
Total/NA	Prep	3545			20.04 g	2 mL	34853	11/22/19 19:47	USUL	ECL 1
Total/NA	Analysis	8270C		1			35467	11/26/19 13:48	N8CZ	ECL 1
	Instrument ID:	GCMSSS								
Total/NA	Prep	3550C			10.07 g	10 mL	35919	11/27/19 18:29	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36086	12/01/19 03:46	I9H5	ECL 1
	Instrument ID:	GC50								

Client Sample ID: B6-15

Lab Sample ID: 570-13628-9
Date Collected: 11/21/19 08:35
Matrix: Solid
Date Received: 11/21/19 16:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.196 g	5 g	34828	11/22/19 18:22	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	36637	12/04/19 18:27	U4JL	ECL 2
	Instrument ID:	GCMSCC								
Total/NA	Prep	3545			20.01 g	2 mL	34853	11/22/19 19:47	USUL	ECL 1
Total/NA	Analysis	8270C		1			35467	11/26/19 14:07	N8CZ	ECL 1
	Instrument ID:	GCMSSS								
Total/NA	Prep	3550C			10.34 g	10 mL	35919	11/27/19 18:29	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36086	12/01/19 04:06	I9H5	ECL 1
	Instrument ID:	GC50								

Client Sample ID: B6-20

Lab Sample ID: 570-13628-10
Date Collected: 11/21/19 08:40
Matrix: Solid
Date Received: 11/21/19 16:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3545			20.01 g	2 mL	34853	11/22/19 19:47	USUL	ECL 1
Total/NA	Analysis	8270C		1			35467	11/26/19 14:27	N8CZ	ECL 1
	Instrument ID:	GCMSSS								
Total/NA	Prep	3550C			10.15 g	10 mL	35919	11/27/19 18:29	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36086	12/01/19 04:25	I9H5	ECL 1
	Instrument ID:	GC50								

Client Sample ID: B6-25

Lab Sample ID: 570-13628-11
Date Collected: 11/21/19 08:45
Matrix: Solid
Date Received: 11/21/19 16:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3545			20.04 g	2 mL	34853	11/22/19 19:47	USUL	ECL 1
Total/NA	Analysis	8270C		1			35467	11/26/19 14:46	N8CZ	ECL 1
	Instrument ID:	GCMSSS								

Lab Chronicle

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13628-1

Client Sample ID: B6-25
Date Collected: 11/21/19 08:45
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			9.92 g	10 mL	35919	11/27/19 18:29	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36192	12/02/19 12:29	I9H5	ECL 1
	Instrument ID:	GC50								

Client Sample ID: B6-30
Date Collected: 11/21/19 08:50
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3545			20.03 g	2 mL	34853	11/22/19 19:47	USUL	ECL 1
Total/NA	Analysis	8270C		1			35511	11/26/19 14:08	N8CZ	ECL 1
	Instrument ID:	GCMSTT								
Total/NA	Prep	3550C			10.11 g	10 mL	35919	11/27/19 18:29	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36086	12/01/19 05:04	I9H5	ECL 1
	Instrument ID:	GC50								

Client Sample ID: B4-5
Date Collected: 11/21/19 09:50
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.988 g	5 g	34828	11/22/19 18:22	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	36637	12/04/19 18:53	U4JL	ECL 2
	Instrument ID:	GCMSCC								
Total/NA	Prep	3545			20.00 g	2 mL	34853	11/22/19 19:47	USUL	ECL 1
Total/NA	Analysis	8270C		1			35511	11/26/19 14:27	N8CZ	ECL 1
	Instrument ID:	GCMSTT								
Total/NA	Prep	3550C			10.20 g	10 mL	35919	11/27/19 18:29	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36086	12/01/19 05:24	I9H5	ECL 1
	Instrument ID:	GC50								

Client Sample ID: B4-10
Date Collected: 11/21/19 09:58
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.659 g	5 g	34828	11/22/19 18:22	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	36637	12/04/19 19:20	U4JL	ECL 2
	Instrument ID:	GCMSCC								
Total/NA	Prep	3545			20.00 g	2 mL	34853	11/22/19 19:47	USUL	ECL 1
Total/NA	Analysis	8270C		1			35511	11/26/19 14:47	N8CZ	ECL 1
	Instrument ID:	GCMSTT								
Total/NA	Prep	3550C			10.21 g	10 mL	35919	11/27/19 18:29	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36086	12/01/19 05:42	I9H5	ECL 1
	Instrument ID:	GC50								

Lab Chronicle

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13628-1

Client Sample ID: B4-15

Lab Sample ID: 570-13628-15

Date Collected: 11/21/19 10:03
Matrix: Solid
Date Received: 11/21/19 16:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3.555 g	5 g	34828	11/22/19 18:22	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	36637	12/04/19 19:47	U4JL	ECL 2
	Instrument ID: GCMSCC									
Total/NA	Prep	3545			20.00 g	2 mL	34853	11/22/19 19:47	USUL	ECL 1
Total/NA	Analysis	8270C		1			35511	11/26/19 15:06	N8CZ	ECL 1
	Instrument ID: GCMSTT									
Total/NA	Prep	3550C			10.09 g	10 mL	35919	11/27/19 18:29	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36086	12/01/19 06:02	I9H5	ECL 1
	Instrument ID: GC50									

Client Sample ID: B4-20

Lab Sample ID: 570-13628-16

Date Collected: 11/21/19 10:10
Matrix: Solid
Date Received: 11/21/19 16:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3545			20.04 g	2 mL	34853	11/22/19 19:47	USUL	ECL 1
Total/NA	Analysis	8270C		1			35511	11/26/19 15:25	N8CZ	ECL 1
	Instrument ID: GCMSTT									
Total/NA	Prep	3550C			10.17 g	10 mL	35919	11/27/19 18:29	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36086	12/01/19 06:21	I9H5	ECL 1
	Instrument ID: GC50									

Client Sample ID: B4-25

Lab Sample ID: 570-13628-17

Date Collected: 11/21/19 10:16
Matrix: Solid
Date Received: 11/21/19 16:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3545			20.04 g	2 mL	34853	11/22/19 19:47	USUL	ECL 1
Total/NA	Analysis	8270C		1			35511	11/26/19 15:44	N8CZ	ECL 1
	Instrument ID: GCMSTT									
Total/NA	Prep	3550C			10.20 g	10 mL	35919	11/27/19 18:29	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36086	12/01/19 06:41	I9H5	ECL 1
	Instrument ID: GC50									

Client Sample ID: B4-30

Lab Sample ID: 570-13628-18

Date Collected: 11/21/19 10:26
Matrix: Solid
Date Received: 11/21/19 16:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3545			20.05 g	2 mL	34853	11/22/19 19:47	USUL	ECL 1
Total/NA	Analysis	8270C		1			35177	11/25/19 21:38	N8CZ	ECL 1
	Instrument ID: GCMSTT									
Total/NA	Prep	3550C			10.10 g	10 mL	35919	11/27/19 18:29	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36086	12/01/19 07:19	I9H5	ECL 1
	Instrument ID: GC50									

Lab Chronicle

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13628-1

Client Sample ID: B7-5

Lab Sample ID: 570-13628-19

Date Collected: 11/21/19 10:57
Date Received: 11/21/19 16:43

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.292 g	5 g	34828	11/22/19 18:22	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	36637	12/04/19 20:13	U4JL	ECL 2
	Instrument ID:	GCMSCC								
Total/NA	Prep	3545			20.03 g	2 mL	34853	11/22/19 19:49	USUL	ECL 1
Total/NA	Analysis	8270C		1			35177	11/25/19 21:57	N8CZ	ECL 1
	Instrument ID:	GCMSTT								
Total/NA	Prep	3550C			9.95 g	10 mL	35919	11/27/19 18:29	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36086	12/01/19 07:39	I9H5	ECL 1
	Instrument ID:	GC50								

Client Sample ID: B7-10

Lab Sample ID: 570-13628-20

Date Collected: 11/21/19 11:00
Date Received: 11/21/19 16:43

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.877 g	5 g	34828	11/22/19 18:22	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	36703	12/04/19 15:20	U4JL	ECL 2
	Instrument ID:	GCMSQ								
Total/NA	Prep	3545			20.03 g	2 mL	35267	11/26/19 13:20	F7UI	ECL 1
Total/NA	Analysis	8270C		1			35783	11/27/19 18:43	N8CZ	ECL 1
	Instrument ID:	GCMSTT								
Total/NA	Prep	3550C			10.18 g	10 mL	35919	11/27/19 18:29	SP7J	ECL 1
Total/NA	Analysis	8015B		2			36086	12/01/19 07:59	I9H5	ECL 1
	Instrument ID:	GC50								

Client Sample ID: B7-15

Lab Sample ID: 570-13628-21

Date Collected: 11/21/19 11:05
Date Received: 11/21/19 16:43

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.944 g	5 g	34828	11/22/19 18:22	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	36703	12/04/19 15:46	U4JL	ECL 2
	Instrument ID:	GCMSQ								
Total/NA	Prep	3545			20.01 g	2 mL	36145	12/02/19 09:15	F7UI	ECL 1
Total/NA	Analysis	8270C		1			36416	12/03/19 14:02	N8CZ	ECL 1
	Instrument ID:	GCMSTT								
Total/NA	Prep	3550C			10.29 g	10 mL	35919	11/27/19 18:29	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36086	12/01/19 08:18	I9H5	ECL 1
	Instrument ID:	GC50								

Lab Chronicle

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13628-1

Client Sample ID: B7-20

Lab Sample ID: 570-13628-22
Date Collected: 11/21/19 11:18
Matrix: Solid
Date Received: 11/21/19 16:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3545			20.03 g	2 mL	34865	11/22/19 20:31	USUL	ECL 1
Total/NA	Analysis	8270C		1			35467	11/26/19 15:25	N8CZ	ECL 1
	Instrument ID: GCMSSS									
Total/NA	Prep	3550C			9.99 g	10 mL	35919	11/27/19 18:29	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36086	12/01/19 08:38	I9H5	ECL 1
	Instrument ID: GC50									

Client Sample ID: B7-25

Lab Sample ID: 570-13628-23
Date Collected: 11/21/19 11:25
Matrix: Solid
Date Received: 11/21/19 16:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3545			20.00 g	2 mL	34865	11/22/19 20:31	USUL	ECL 1
Total/NA	Analysis	8270C		1			35467	11/26/19 21:52	N8CZ	ECL 1
	Instrument ID: GCMSSS									
Total/NA	Prep	3550C			10.01 g	10 mL	35924	11/27/19 18:38	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36106	12/02/19 11:26	I9H5	ECL 1
	Instrument ID: GC47									

Client Sample ID: B7-30

Lab Sample ID: 570-13628-24
Date Collected: 11/21/19 11:35
Matrix: Solid
Date Received: 11/21/19 16:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3545			20.02 g	2 mL	34865	11/22/19 20:31	USUL	ECL 1
Total/NA	Analysis	8270C		1			35467	11/26/19 16:04	N8CZ	ECL 1
	Instrument ID: GCMSSS									
Total/NA	Prep	3550C			10.24 g	10 mL	35924	11/27/19 18:38	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36106	12/02/19 11:47	I9H5	ECL 1
	Instrument ID: GC47									

Client Sample ID: B8-5

Lab Sample ID: 570-13628-25
Date Collected: 11/21/19 11:50
Matrix: Solid
Date Received: 11/21/19 16:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.091 g	5 g	34828	11/22/19 18:22	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	36703	12/04/19 16:39	U4JL	ECL 2
	Instrument ID: GCMSQ									
Total/NA	Prep	3545			20.00 g	2 mL	34865	11/22/19 20:31	USUL	ECL 1
Total/NA	Analysis	8270C		1			35467	11/26/19 16:23	N8CZ	ECL 1
	Instrument ID: GCMSSS									
Total/NA	Prep	3550C			10.15 g	10 mL	35924	11/27/19 18:38	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36106	12/02/19 12:07	I9H5	ECL 1
	Instrument ID: GC47									

Lab Chronicle

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13628-1

Client Sample ID: B8-10

Lab Sample ID: 570-13628-26

Date Collected: 11/21/19 11:54
Date Received: 11/21/19 16:43

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.62 g	5 g	34828	11/22/19 18:22	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	36703	12/04/19 17:05	U4JL	ECL 2
	Instrument ID:	GCMSQ								
Total/NA	Prep	3545			20.07 g	2 mL	34865	11/22/19 20:31	USUL	ECL 1
Total/NA	Analysis	8270C		1			35467	11/26/19 16:42	N8CZ	ECL 1
	Instrument ID:	GCMSSS								
Total/NA	Prep	3550C			10.14 g	10 mL	35924	11/27/19 18:38	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36106	12/02/19 12:28	I9H5	ECL 1
	Instrument ID:	GC47								

Client Sample ID: B8-15

Lab Sample ID: 570-13628-27

Date Collected: 11/21/19 11:58
Date Received: 11/21/19 16:43

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.124 g	5 g	34828	11/22/19 18:22	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	36703	12/04/19 17:31	U4JL	ECL 2
	Instrument ID:	GCMSQ								
Total/NA	Prep	3545			20.2 g	2 mL	34865	11/22/19 20:31	USUL	ECL 1
Total/NA	Analysis	8270C		1			35467	11/26/19 17:02	N8CZ	ECL 1
	Instrument ID:	GCMSSS								
Total/NA	Prep	3550C			10.03 g	10 mL	35924	11/27/19 18:38	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36106	12/02/19 12:48	I9H5	ECL 1
	Instrument ID:	GC47								

Client Sample ID: B8-20

Lab Sample ID: 570-13628-28

Date Collected: 11/21/19 12:05
Date Received: 11/21/19 16:43

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3545			20.04 g	2 mL	34865	11/22/19 20:31	USUL	ECL 1
Total/NA	Analysis	8270C		1			35467	11/26/19 17:21	N8CZ	ECL 1
	Instrument ID:	GCMSSS								
Total/NA	Prep	3550C			10.27 g	10 mL	35924	11/27/19 18:38	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36106	12/02/19 13:09	I9H5	ECL 1
	Instrument ID:	GC47								

Client Sample ID: B8-25

Lab Sample ID: 570-13628-29

Date Collected: 11/21/19 12:12
Date Received: 11/21/19 16:43

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3545			20.05 g	2 mL	34865	11/22/19 20:31	USUL	ECL 1
Total/NA	Analysis	8270C		1			35467	11/26/19 17:40	N8CZ	ECL 1
	Instrument ID:	GCMSSS								

Lab Chronicle

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13628-1

Client Sample ID: B8-25
Date Collected: 11/21/19 12:12
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-29
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			10.21 g	10 mL	35924	11/27/19 18:38	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36106	12/02/19 16:33	I9H5	ECL 1
	Instrument ID:	GC47								

Client Sample ID: B8-30
Date Collected: 11/21/19 12:21
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-30
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3545			20.00 g	2 mL	34865	11/22/19 20:31	USUL	ECL 1
Total/NA	Analysis	8270C		1			35467	11/26/19 18:00	N8CZ	ECL 1
	Instrument ID:	GCMSSS								
Total/NA	Prep	3550C			10.11 g	10 mL	35924	11/27/19 18:38	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36106	12/02/19 16:53	I9H5	ECL 1
	Instrument ID:	GC47								

Client Sample ID: B9-5
Date Collected: 11/21/19 14:07
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-31
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.335 g	5 g	34828	11/22/19 18:22	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	36703	12/04/19 17:58	U4JL	ECL 2
	Instrument ID:	GCMSQ								
Total/NA	Prep	3545			19.99 g	2 mL	34865	11/22/19 20:31	USUL	ECL 1
Total/NA	Analysis	8270C		1			35467	11/26/19 18:19	N8CZ	ECL 1
	Instrument ID:	GCMSSS								
Total/NA	Prep	3550C			10.13 g	10 mL	35924	11/27/19 18:38	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36106	12/02/19 17:14	I9H5	ECL 1
	Instrument ID:	GC47								

Client Sample ID: B9-10
Date Collected: 11/21/19 14:11
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-32
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.354 g	5 g	34828	11/22/19 18:22	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	36703	12/04/19 18:24	U4JL	ECL 2
	Instrument ID:	GCMSQ								
Total/NA	Prep	3545			20.03 g	2 mL	34865	11/22/19 20:31	USUL	ECL 1
Total/NA	Analysis	8270C		1			35467	11/26/19 18:38	N8CZ	ECL 1
	Instrument ID:	GCMSSS								
Total/NA	Prep	3550C			10.06 g	10 mL	35924	11/27/19 18:38	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36106	12/02/19 17:34	I9H5	ECL 1
	Instrument ID:	GC47								

Lab Chronicle

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13628-1

Client Sample ID: B9-15

Lab Sample ID: 570-13628-33
Date Collected: 11/21/19 14:16
Matrix: Solid
Date Received: 11/21/19 16:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			6.606 g	5 g	34828	11/22/19 18:22	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	36703	12/04/19 18:51	U4JL	ECL 2
	Instrument ID: GCMSQ									
Total/NA	Prep	3545			20.04 g	2 mL	34865	11/22/19 20:31	USUL	ECL 1
Total/NA	Analysis	8270C		1			35467	11/26/19 18:58	N8CZ	ECL 1
	Instrument ID: GCMSSS									
Total/NA	Prep	3550C			10.07 g	10 mL	35924	11/27/19 18:38	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36106	12/02/19 17:54	I9H5	ECL 1
	Instrument ID: GC47									

Client Sample ID: B9-20

Lab Sample ID: 570-13628-34
Date Collected: 11/21/19 14:23
Matrix: Solid
Date Received: 11/21/19 16:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3545			20.04 g	2 mL	34865	11/22/19 20:31	USUL	ECL 1
Total/NA	Analysis	8270C		1			35467	11/26/19 19:17	N8CZ	ECL 1
	Instrument ID: GCMSSS									
Total/NA	Prep	3550C			10.27 g	10 mL	35924	11/27/19 18:38	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36106	12/02/19 18:15	I9H5	ECL 1
	Instrument ID: GC47									

Client Sample ID: B9-25

Lab Sample ID: 570-13628-35
Date Collected: 11/21/19 14:30
Matrix: Solid
Date Received: 11/21/19 16:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3545			20.01 g	2 mL	34865	11/22/19 20:31	USUL	ECL 1
Total/NA	Analysis	8270C		1			35467	11/26/19 19:36	N8CZ	ECL 1
	Instrument ID: GCMSSS									
Total/NA	Prep	3550C			10.07 g	10 mL	35924	11/27/19 18:38	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36106	12/02/19 18:35	I9H5	ECL 1
	Instrument ID: GC47									

Client Sample ID: B9-30

Lab Sample ID: 570-13628-36
Date Collected: 11/21/19 14:45
Matrix: Solid
Date Received: 11/21/19 16:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3545			20.03 g	2 mL	34865	11/22/19 20:31	USUL	ECL 1
Total/NA	Analysis	8270C		1			35467	11/26/19 19:56	N8CZ	ECL 1
	Instrument ID: GCMSSS									
Total/NA	Prep	3550C			10.02 g	10 mL	35924	11/27/19 18:38	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36106	12/02/19 18:56	I9H5	ECL 1
	Instrument ID: GC47									

Lab Chronicle

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13628-1

Client Sample ID: B1-3

Lab Sample ID: 570-13628-37

Date Collected: 11/21/19 14:57
Matrix: Solid
Date Received: 11/21/19 16:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3545			20.02 g	2 mL	34865	11/22/19 20:31	USUL	ECL 1
Total/NA	Analysis	8270C		1			35467	11/26/19 20:15	N8CZ	ECL 1
	Instrument ID:	GCMSSS								
Total/NA	Prep	3550C			10.25 g	10 mL	35924	11/27/19 18:38	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36106	12/02/19 19:16	I9H5	ECL 1
	Instrument ID:	GC47								
Total/NA	Prep	3050B			1.96 g	100 mL	35297	11/26/19 13:30	X7RL	ECL 1
Total/NA	Analysis	6010B		1			36237	11/30/19 18:39	ULPF	ECL 1
	Instrument ID:	ICP8								
Total/NA	Prep	7471A			.57 g	100 mL	35307	11/25/19 17:31	X7RL	ECL 1
Total/NA	Analysis	7471A		1			36214	11/30/19 12:52	MD3A	ECL 1
	Instrument ID:	HG8								

Client Sample ID: B3-1

Lab Sample ID: 570-13628-38

Date Collected: 11/21/19 13:10
Matrix: Solid
Date Received: 11/21/19 16:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3545			20.01 g	2 mL	34865	11/22/19 20:31	USUL	ECL 1
Total/NA	Analysis	8270C		1			35467	11/26/19 20:35	N8CZ	ECL 1
	Instrument ID:	GCMSSS								
Total/NA	Prep	3550C			9.95 g	10 mL	35924	11/27/19 18:38	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36106	12/02/19 19:36	I9H5	ECL 1
	Instrument ID:	GC47								
Total/NA	Prep	3050B			1.98 g	100 mL	35297	11/26/19 13:30	X7RL	ECL 1
Total/NA	Analysis	6010B		1			36237	11/30/19 18:46	ULPF	ECL 1
	Instrument ID:	ICP8								
Total/NA	Prep	7471A			.59 g	100 mL	35307	11/25/19 17:31	X7RL	ECL 1
Total/NA	Analysis	7471A		1			36214	11/30/19 12:59	MD3A	ECL 1
	Instrument ID:	HG8								

Client Sample ID: B9-1

Lab Sample ID: 570-13628-39

Date Collected: 11/21/19 13:00
Matrix: Solid
Date Received: 11/21/19 16:43

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3545			20.02 g	2 mL	34865	11/22/19 20:31	USUL	ECL 1
Total/NA	Analysis	8270C		1			35467	11/26/19 20:54	N8CZ	ECL 1
	Instrument ID:	GCMSSS								
Total/NA	Prep	3550C			10.09 g	10 mL	35924	11/27/19 18:38	SP7J	ECL 1
Total/NA	Analysis	8015B		1			36106	12/02/19 19:57	I9H5	ECL 1
	Instrument ID:	GC47								
Total/NA	Prep	3050B			2.01 g	100 mL	35297	11/26/19 13:30	X7RL	ECL 1
Total/NA	Analysis	6010B		1			36237	11/30/19 18:48	ULPF	ECL 1
	Instrument ID:	ICP8								

Lab Chronicle

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13628-1

Client Sample ID: B9-1

Date Collected: 11/21/19 13:00
Date Received: 11/21/19 16:43

Lab Sample ID: 570-13628-39

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471A			.59 g	100 mL	35307	11/25/19 17:31	X7RL	ECL 1
Total/NA	Analysis	7471A		1			36214	11/30/19 13:01	MD3A	ECL 1
	Instrument ID:	HG8								

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494
ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Accreditation/Certification Summary

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13628-1

Laboratory: Eurofins Calscience LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arizona	State	AZ0781	03-13-20
California	State	2944	09-29-20
Hawaii	State	<cert No.>	07-02-20
Nevada	State	CA00111	07-31-20
Oregon	NELAP	CA300001	01-29-20

Method Summary

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13628-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	ECL 2
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	ECL 1
8015B	Diesel Range Organics (DRO) (GC)	SW846	ECL 1
6010B	Metals (ICP)	SW846	ECL 1
7471A	Mercury (CVAA)	SW846	ECL 1
3050B	Preparation, Metals	SW846	ECL 1
3545	Pressurized Fluid Extraction	SW846	ECL 1
3550C	Ultrasonic Extraction	SW846	ECL 1
5035	Closed System Purge and Trap	SW846	ECL 2
7471A	Preparation, Mercury	SW846	ECL 1

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494
ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Sample Summary

Client: Frey Environmental
Project/Site: One San Pedro / 75913

Job ID: 570-13628-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
570-13628-1	B5-5	Solid	11/21/19 13:05	11/21/19 16:43	
570-13628-2	B5-10	Solid	11/21/19 13:20	11/21/19 16:43	
570-13628-3	B5-15	Solid	11/21/19 13:28	11/21/19 16:43	
570-13628-4	B5-20	Solid	11/21/19 13:35	11/21/19 16:43	
570-13628-5	B5-25	Solid	11/21/19 13:40	11/21/19 16:43	
570-13628-6	B5-30	Solid	11/21/19 13:50	11/21/19 16:43	
570-13628-7	B6-5	Solid	11/21/19 08:25	11/21/19 16:43	
570-13628-8	B6-10	Solid	11/21/19 08:30	11/21/19 16:43	
570-13628-9	B6-15	Solid	11/21/19 08:35	11/21/19 16:43	
570-13628-10	B6-20	Solid	11/21/19 08:40	11/21/19 16:43	
570-13628-11	B6-25	Solid	11/21/19 08:45	11/21/19 16:43	
570-13628-12	B6-30	Solid	11/21/19 08:50	11/21/19 16:43	
570-13628-13	B4-5	Solid	11/21/19 09:50	11/21/19 16:43	
570-13628-14	B4-10	Solid	11/21/19 09:58	11/21/19 16:43	
570-13628-15	B4-15	Solid	11/21/19 10:03	11/21/19 16:43	
570-13628-16	B4-20	Solid	11/21/19 10:10	11/21/19 16:43	
570-13628-17	B4-25	Solid	11/21/19 10:16	11/21/19 16:43	
570-13628-18	B4-30	Solid	11/21/19 10:26	11/21/19 16:43	
570-13628-19	B7-5	Solid	11/21/19 10:57	11/21/19 16:43	
570-13628-20	B7-10	Solid	11/21/19 11:00	11/21/19 16:43	
570-13628-21	B7-15	Solid	11/21/19 11:05	11/21/19 16:43	
570-13628-22	B7-20	Solid	11/21/19 11:18	11/21/19 16:43	
570-13628-23	B7-25	Solid	11/21/19 11:25	11/21/19 16:43	
570-13628-24	B7-30	Solid	11/21/19 11:35	11/21/19 16:43	
570-13628-25	B8-5	Solid	11/21/19 11:50	11/21/19 16:43	
570-13628-26	B8-10	Solid	11/21/19 11:54	11/21/19 16:43	
570-13628-27	B8-15	Solid	11/21/19 11:58	11/21/19 16:43	
570-13628-28	B8-20	Solid	11/21/19 12:05	11/21/19 16:43	
570-13628-29	B8-25	Solid	11/21/19 12:12	11/21/19 16:43	
570-13628-30	B8-30	Solid	11/21/19 12:21	11/21/19 16:43	
570-13628-31	B9-5	Solid	11/21/19 14:07	11/21/19 16:43	
570-13628-32	B9-10	Solid	11/21/19 14:11	11/21/19 16:43	
570-13628-33	B9-15	Solid	11/21/19 14:16	11/21/19 16:43	
570-13628-34	B9-20	Solid	11/21/19 14:23	11/21/19 16:43	
570-13628-35	B9-25	Solid	11/21/19 14:30	11/21/19 16:43	
570-13628-36	B9-30	Solid	11/21/19 14:45	11/21/19 16:43	
570-13628-37	B1-3	Solid	11/21/19 14:57	11/21/19 16:43	
570-13628-38	B3-1	Solid	11/21/19 13:10	11/21/19 16:43	
570-13628-39	B9-1	Solid	11/21/19 13:00	11/21/19 16:43	

Loc: 570

13628

CHAIN-OF-CUSTODY RECORD

Date 11/21/19

Page 1 of 4

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570-13628 Chain of Custody

LABORATORY CLIENT: FREY Environmental, Inc.

ADDRESS:

CITY: STATE: ZIP:

TEL: E-MAIL: Evan Privett@freyinc.com

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):

☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☑ STANDARD

EDD

☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:

CLIENT PROJECT NAME / NO.: One San Pedro

P.O. NO.: 759-13

PROJECT CONTACT: Evan Privett

LAB CONTACT OR QUOTE NO:

GLOBAL ID:

LOG CODE:

SAMPLER(S): (PRINT) Sonny

REQUESTED ANALYSES

Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	☐ TPH(g) ☐ GRO	☐ TPH(d) ☐ DRO	TPH ☐ C6-C36 ☒ C6-C44	TPH ____	BTEX / MTBE ☐ 8260 ☐ ____	Full Scan VOCs (8260)	Oxygenates (8260)	Prep (5035) ☐ En Core ☒ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☒ 8270 ☐ 8270 SIM	T22 Metals ☐ 6010/747X ☐ 6020/747X	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6				
1	B5-5	11/21/19	1:05	Soil	5						X			X		X				X						
2	B5-10	↓	1:20	↓	↓						↓			↓		↓				↓						
3	B5-15	↓	1:28	↓	↓						↓			↓		↓				↓						
4	B5-20	↓	1:35	↓	1						↓			↓		↓				↓						
5	B5-25	↓	1:40	↓	↓						↓			↓		↓				↓						
6	B5-30	↓	1:50	↓	↓						↓			↓		↓				↓						
7	B6-5	↓	8:25	↓	3						↓			X		X				↓						
8	B6-10	↓	8:30	↓	↓						↓			↓		↓				↓						
9	B6-15	↓	8:35	↓	↓						↓			↓		↓				↓						
10	B6-20	↓	8:40	↓	1						↓			↓		↓				↓						

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
[signature]	Dannyle G	11/21/19	16:43
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

4.3/4.8 SC6

2016-04-01-Revision

13628

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CHAIN-OF-CUSTODY RECORD

Date 11/21/19
Page 2 of 4

WO NO. / LAB USE ONLY

LABORATORY CLIENT: FREY Environmental, Inc.
ADDRESS:
CITY: STATE: ZIP:
TEL: E-MAIL: EvanPrivett@freyinc.com

CLIENT PROJECT NAME / NO.: One San Pedro
P.O. NO.: 759-13
PROJECT CONTACT: Evan Privett
LAB CONTACT OR QUOTE NO:
GLOBAL ID: LOG CODE:
SAMPLER(S): (PRINT) Sonny

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☑ STANDARD

EDD
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES
Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	☐ TPH(g) ☐ GRO	☐ TPH(d) ☐ DRO	TPH ☐ C6-C36 ☑ C6-C44	TPH ____	BTEX / MTBE ☐ 8260 ☐ ____	VOCs (8260) Full Scan	Oxygenates (8260)	Prep (5035) ☐ En Core ☒ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☐ 8270 ☐ 8270 SIM	T22 Metals ☐ 6010/747X ☐ 6020/747X	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6				
11	B6-25	11/21/19	8:45	Soil	4						X									X						
12	B6-30	↓	8:50	↓	↓						↓									↓						
13	B4-5		9:50		5									X		X										
14	B4-10		9:58		↓									↓		↓										
15	B4-15		10:03		↓									↓		↓										
16	B4-20		10:10		4																					
17	B4-25		10:16		↓																					
18	B4-30		10:26		↓																					
19	B7-5		10:57		5									X		X										
20	B7-10	↓	11:00	↓	↓						↓			↓		↓				↓						

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
[signature]	Dannyle Eg	11/21/19	16:43
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

2016-04-01-Revision

13628

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CHAIN-OF-CUSTODY RECORD

Date 11/21/19
Page 3 of 4

WO NO. / LAB USE ONLY

LABORATORY CLIENT: FREY Environmental, Inc.
ADDRESS:
CITY: STATE: ZIP:
TEL: E-MAIL: Evan Privett@freyinc.com

CLIENT PROJECT NAME / NO.: One San Pedro
P.O. NO.: 759-13
PROJECT CONTACT: Evan Privett
LAB CONTACT OR QUOTE NO:
GLOBAL ID: LOG CODE:
SAMPLER(S): (PRINT) Sonny

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☑ STANDARD

EDD
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES
Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	☐ TPH(g) ☐ GRO	☐ TPH(d) ☐ DRO	TPH ☐ C6-C36 ☑ C6-C44	TPH ____	BTEX / MTBE ☐ 8260 ☐ ____	Full Scan VOCs (8260)	Oxygenates (8260)	Prep (5035) ☐ En Core ☑ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☑ 8270 ☐ 8270 SIM	T22 Metals ☐ 6010/747X ☐ 6020/747X	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6				
21	B7-15	11/21/19	11:05	Soil	5						X			X		X				X						
22	B7-20	↓	11:18	↓	1						↓									↓						
23	B7-25		11:25		↓																					
24	B7-30		11:35																							
25	B8-5		11:50		5									X		X										
26	B8-10		11:54		1									↓		↓										
27	B8-15		11:58		↓																					
28	B8-20		12:05		1																					
29	B8-25		12:12																							
30	B8-30	↓	12:21	↓	↓						↓									↓						

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
[signature]	Dannyle Ea	11/21/19	16:43
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

2016-04-01-Revision

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CHAIN-OF-CUSTODY RECORD

WO NO. / LAB USE ONLY:

DATE: 11/21/19

PAGE: 4 OF 4

LABORATORY CLIENT: FREY Environmental, Inc.

ADDRESS:

CITY: STATE: ZIP:

TEL: E-MAIL: Evan Pruett@freyinc.com

CLIENT PROJECT NAME / NO.: One San Pedro

P.O. NO.: 759-13

PROJECT CONTACT: Evan Pruett

LAB CONTACT OR QUOTE NO.:

GLOBAL ID: LOG CODE:

SAMPLER(S): (PRINT) Sony

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☑ STANDARD

EDD:
☐ COELT EDF ☐ OTHER

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES

Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	☐ TPH(g) ☐ GRO	☐ TPH(d) ☐ DRO	TPH ☐ C6-C36 ☑ C6-C44	TPH	BTEX / MTBE ☐ 8260 ☐	VOCs (8260) Full Scan	Oxygenates (8260)	Prep (5035) ☐ En Core ☑ Terra Core	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	PAHs ☑ 8270 ☐ 8270 SIM	T22 Metals ☑ 6010/747X ☐ 6020/747X	Cr(VI) ☐ 7196 ☐ 7199 ☐ 218.6				
31	B9-5	11/21/19	2:07	Soil	5						X			X		X				X						
32	B9-10		2:11																							
33	B9-15		2:16																							
34	B9-20		2:23		1																					
35	B9-25		2:30																							
36	B9-30		2:45																							
37	B13		2:57																		X					
38	B3-1		1:10																							
39	B4-1		1:10																							

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
[signature]	Dannyle Tz	11/21/19	16:43
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

2014-07-01 Revision

Login Sample Receipt Checklist

Client: Frey Environmental

Job Number: 570-13628-1

Login Number: 13628
List Number: 1
Creator: Cruise, Noel

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-14010-1
Client Project/Site: 759-13

For:
Frey Environmental
2817-A La Fayette Ave
Newport Beach, California 92663

Attn: Evan Privett

Authorized for release by:
12/12/2019 3:25:45 PM

Stephen Nowak, Project Manager I
(714)895-5494
stephennowak@eurofinsus.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 570-14010-1

Laboratory: Eurofins Calscience LLC

Narrative

Job Narrative
570-14010-1

Comments
No additional comments.

Receipt
The samples were received on 11/26/2019 4:27 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 22.0º C.

Air Toxics
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Detection Summary

Client: Frey Environmental
Project/Site: 759-13

Job ID: 570-14010-1

Client Sample ID: B2 — Lab Sample ID: 570-14010-1

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Acetone	7.0		5.2		ug/m3	1.087		TO-15	Total/NA
Isopropanol	59		13		ug/m3	1.087		TO-15	Total/NA

Client Sample ID: B4 — Lab Sample ID: 570-14010-2

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
2-Butanone	7.3		5.9		ug/m3	1.329		TO-15	Total/NA
Acetone	21		6.3		ug/m3	1.329		TO-15	Total/NA
Ethylbenzene	3.2		2.9		ug/m3	1.329		TO-15	Total/NA
Isopropanol	93		16		ug/m3	1.329		TO-15	Total/NA
o-Xylene	16		2.9		ug/m3	1.329		TO-15	Total/NA
m,p-Xylene	26		12		ug/m3	1.329		TO-15	Total/NA

Client Sample ID: B6 — Lab Sample ID: 570-14010-3

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Acetone	33		5.6		ug/m3	1.173		TO-15	Total/NA
Isopropanol	68		14		ug/m3	1.173		TO-15	Total/NA

Client Sample ID: B8 — Lab Sample ID: 570-14010-4

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Acetone	21		11		ug/m3	2.28		TO-15	Total/NA
Isopropanol	95		28		ug/m3	2.28		TO-15	Total/NA
Tetrachloroethene	8.5		7.7		ug/m3	2.28		TO-15	Total/NA

Client Sample ID: B11 — Lab Sample ID: 570-14010-5

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	3.6		3.3		ug/m3	1.208		TO-15	Total/NA
Acetone	8.4		5.7		ug/m3	1.208		TO-15	Total/NA
Chloroform	15		2.9		ug/m3	1.208		TO-15	Total/NA
Tetrachloroethene	61		4.1		ug/m3	1.208		TO-15	Total/NA

Client Sample ID: B12 — Lab Sample ID: 570-14010-6

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Acetone	74		5.2		ug/m3	1.087		TO-15	Total/NA
Benzene	19		1.7		ug/m3	1.087		TO-15	Total/NA
Ethylbenzene	2.4		2.4		ug/m3	1.087		TO-15	Total/NA
o-Xylene	3.0		2.4		ug/m3	1.087		TO-15	Total/NA
Tetrachloroethene	140		3.7		ug/m3	1.087		TO-15	Total/NA
Toluene	3.0		2.0		ug/m3	1.087		TO-15	Total/NA
Trichloroethene	6.4		2.9		ug/m3	1.087		TO-15	Total/NA

Client Sample ID: B18 — Lab Sample ID: 570-14010-7

Analyte	Result	Qualifier	RL		Unit	Dil Fac	D	Method	Prep Type
Acetone	9.2		5.4		ug/m3	1.146		TO-15	Total/NA
Isopropanol	54		14		ug/m3	1.146		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Frey Environmental
Project/Site: 759-13

Job ID: 570-14010-1

Client Sample ID: B20M — Lab Sample ID: 570-14010-8

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Acetone	15		5.3	ug/m3	1.12		TO-15	Total/NA
Chloroform	9.1		2.7	ug/m3	1.12		TO-15	Total/NA
Isopropanol	99		14	ug/m3	1.12		TO-15	Total/NA
Tetrachloroethene	4.3		3.8	ug/m3	1.12		TO-15	Total/NA

Client Sample ID: B21 — Lab Sample ID: 570-14010-9

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	5.0		4.9	ug/m3	1.108		TO-15	Total/NA
Acetone	26		5.3	ug/m3	1.108		TO-15	Total/NA
Dichlorodifluoromethane	3.1		2.7	ug/m3	1.108		TO-15	Total/NA
Isopropanol	30		14	ug/m3	1.108		TO-15	Total/NA

Client Sample ID: B22 — Lab Sample ID: 570-14010-10

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone	6.1		4.4	ug/m3	1		TO-15	Total/NA
Acetone	28		4.8	ug/m3	1		TO-15	Total/NA
Isopropanol	59		12	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	4.9		3.4	ug/m3	1		TO-15	Total/NA

Client Sample ID: B23 — Lab Sample ID: 570-14010-11

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Acetone	14		5.1	ug/m3	1.07		TO-15	Total/NA
Dichlorodifluoromethane	3.2		2.6	ug/m3	1.07		TO-15	Total/NA
Isopropanol	40		13	ug/m3	1.07		TO-15	Total/NA
Tetrachloroethene	4.3		3.6	ug/m3	1.07		TO-15	Total/NA
Toluene	2.0		2.0	ug/m3	1.07		TO-15	Total/NA

Client Sample ID: B24 — Lab Sample ID: 570-14010-12

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Acetone	16		4.8	ug/m3	1		TO-15	Total/NA
Isopropanol	33		12	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	6.1		3.4	ug/m3	1		TO-15	Total/NA
Toluene	2.2		1.9	ug/m3	1		TO-15	Total/NA

Client Sample ID: B25 — Lab Sample ID: 570-14010-13

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Acetone	9.3		4.8	ug/m3	1		TO-15	Total/NA
Chloromethane	1.1		1.0	ug/m3	1		TO-15	Total/NA
Dichlorodifluoromethane	2.8		2.5	ug/m3	1		TO-15	Total/NA
Isopropanol	14		12	ug/m3	1		TO-15	Total/NA

Client Sample ID: B26 — Lab Sample ID: 570-14010-14

Analyte	Result	Qualifier	RL	Unit	Dil Fac	D	Method	Prep Type
Acetone	13		4.8	ug/m3	1		TO-15	Total/NA
Isopropanol	31		12	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample Results

Client: Frey Environmental
Project/Site: 759-13

Job ID: 570-14010-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Client Sample ID: B2
Date Collected: 11/26/19 09:41
Date Received: 11/26/19 16:27

Lab Sample ID: 570-14010-1
Matrix: Air

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		3.0		ug/m3			12/02/19 18:07	1.087
1,1,2,2-Tetrachloroethane	ND		7.5		ug/m3			12/02/19 18:07	1.087
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		12		ug/m3			12/02/19 18:07	1.087
1,1,2-Trichloroethane	ND		3.0		ug/m3			12/02/19 18:07	1.087
1,1-Dichloroethane	ND		2.2		ug/m3			12/02/19 18:07	1.087
1,1-Dichloroethene	ND		2.2		ug/m3			12/02/19 18:07	1.087
1,1-Difluoroethane	ND		5.9		ug/m3			12/02/19 18:07	1.087
1,2,4-Trichlorobenzene	ND		16		ug/m3			12/02/19 18:07	1.087
1,2,4-Trimethylbenzene	ND		8.0		ug/m3			12/02/19 18:07	1.087
1,2-Dibromo-3-Chloropropane	ND		16		ug/m3			12/02/19 18:07	1.087
1,2-Dibromoethane	ND		4.2		ug/m3			12/02/19 18:07	1.087
1,2-Dichlorobenzene	ND		3.3		ug/m3			12/02/19 18:07	1.087
1,2-Dichloroethane	ND		2.2		ug/m3			12/02/19 18:07	1.087
1,2-Dichloropropane	ND		2.5		ug/m3			12/02/19 18:07	1.087
1,3,5-Trimethylbenzene	ND		2.7		ug/m3			12/02/19 18:07	1.087
1,3-Dichlorobenzene	ND		3.3		ug/m3			12/02/19 18:07	1.087
1,4-Dichlorobenzene	ND		3.3		ug/m3			12/02/19 18:07	1.087
2-Butanone	ND		4.8		ug/m3			12/02/19 18:07	1.087
2-Hexanone	ND		6.7		ug/m3			12/02/19 18:07	1.087
4-Ethyltoluene	ND		2.7		ug/m3			12/02/19 18:07	1.087
4-Methyl-2-pentanone	ND		6.7		ug/m3			12/02/19 18:07	1.087
Acetone	**7.0**		5.2		ug/m3			12/02/19 18:07	1.087
Benzene	ND		1.7		ug/m3			12/02/19 18:07	1.087
Benzyl chloride	ND		8.4		ug/m3			12/02/19 18:07	1.087
Bromodichloromethane	ND		3.6		ug/m3			12/02/19 18:07	1.087
Bromoform	ND		5.6		ug/m3			12/02/19 18:07	1.087
Bromomethane	ND		2.1		ug/m3			12/02/19 18:07	1.087
cis-1,2-Dichloroethene	ND		2.2		ug/m3			12/02/19 18:07	1.087
cis-1,3-Dichloropropene	ND		2.5		ug/m3			12/02/19 18:07	1.087
Carbon disulfide	ND		6.8		ug/m3			12/02/19 18:07	1.087
Carbon tetrachloride	ND		3.4		ug/m3			12/02/19 18:07	1.087
Chlorobenzene	ND		2.5		ug/m3			12/02/19 18:07	1.087
Chloroethane	ND		1.4		ug/m3			12/02/19 18:07	1.087
Chloroform	ND		2.7		ug/m3			12/02/19 18:07	1.087
Chloromethane	ND		1.1		ug/m3			12/02/19 18:07	1.087
Dibromochloromethane	ND		4.6		ug/m3			12/02/19 18:07	1.087
Dichlorodifluoromethane	ND		2.7		ug/m3			12/02/19 18:07	1.087
Dichlorotetrafluoroethane	ND		15		ug/m3			12/02/19 18:07	1.087
Di-isopropyl ether (DIPE)	ND		9.1		ug/m3			12/02/19 18:07	1.087
Ethylbenzene	ND		2.4		ug/m3			12/02/19 18:07	1.087
Ethyl-t-butyl ether (ETBE)	ND		9.1		ug/m3			12/02/19 18:07	1.087
Hexachloro-1,3-butadiene	ND		17		ug/m3			12/02/19 18:07	1.087
Isopropanol	**59**		13		ug/m3			12/02/19 18:07	1.087
Methylene Chloride	ND		19		ug/m3			12/02/19 18:07	1.087
Methyl-t-Butyl Ether (MTBE)	ND		7.8		ug/m3			12/02/19 18:07	1.087
n-Butylbenzene	ND		9.0		ug/m3			12/02/19 18:07	1.087
o-Xylene	ND		2.4		ug/m3			12/02/19 18:07	1.087
m,p-Xylene	ND		9.4		ug/m3			12/02/19 18:07	1.087
sec-Butylbenzene	ND		9.0		ug/m3			12/02/19 18:07	1.087

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: B2 **Lab Sample ID: 570-14010-1**
Date Collected: 11/26/19 09:41 **Matrix: Air**
Date Received: 11/26/19 16:27

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		6.9	ug/m3			12/02/19 18:07	1.087
trans-1,2-Dichloroethene	ND		2.2	ug/m3			12/02/19 18:07	1.087
trans-1,3-Dichloropropene	ND		4.9	ug/m3			12/02/19 18:07	1.087
Tert-amyl methyl ether	ND		9.1	ug/m3			12/02/19 18:07	1.087
tert-Butyl alcohol (TBA)	ND		6.6	ug/m3			12/02/19 18:07	1.087
tert-Butylbenzene	ND		9.0	ug/m3			12/02/19 18:07	1.087
Tetrachloroethene	ND		3.7	ug/m3			12/02/19 18:07	1.087
Toluene	ND		2.0	ug/m3			12/02/19 18:07	1.087
Trichloroethene	ND		2.9	ug/m3			12/02/19 18:07	1.087
Trichlorofluoromethane	ND		6.1	ug/m3			12/02/19 18:07	1.087
Vinyl acetate	ND		7.7	ug/m3			12/02/19 18:07	1.087
Vinyl chloride	ND		1.4	ug/m3			12/02/19 18:07	1.087
Naphthalene	ND		7.1	ug/m3			12/02/19 18:07	1.087

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*115*		*67 - 133*		*12/02/19 18:07*	*1.087*
4-Bromofluorobenzene (Surr)	*112*		*68 - 134*		*12/02/19 18:07*	*1.087*
Toluene-d8 (Surr)	*104*		*70 - 130*		*12/02/19 18:07*	*1.087*

Client Sample ID: B4 **Lab Sample ID: 570-14010-2**
Date Collected: 11/26/19 10:00 **Matrix: Air**
Date Received: 11/26/19 16:27

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		3.6	ug/m3			12/02/19 19:03	1.329
1,1,2,2-Tetrachloroethane	ND		9.1	ug/m3			12/02/19 19:03	1.329
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		15	ug/m3			12/02/19 19:03	1.329
1,1,2-Trichloroethane	ND		3.6	ug/m3			12/02/19 19:03	1.329
1,1-Dichloroethane	ND		2.7	ug/m3			12/02/19 19:03	1.329
1,1-Dichloroethene	ND		2.6	ug/m3			12/02/19 19:03	1.329
1,1-Difluoroethane	ND		7.2	ug/m3			12/02/19 19:03	1.329
1,2,4-Trichlorobenzene	ND		20	ug/m3			12/02/19 19:03	1.329
1,2,4-Trimethylbenzene	ND		9.8	ug/m3			12/02/19 19:03	1.329
1,2-Dibromo-3-Chloropropane	ND		19	ug/m3			12/02/19 19:03	1.329
1,2-Dibromoethane	ND		5.1	ug/m3			12/02/19 19:03	1.329
1,2-Dichlorobenzene	ND		4.0	ug/m3			12/02/19 19:03	1.329
1,2-Dichloroethane	ND		2.7	ug/m3			12/02/19 19:03	1.329
1,2-Dichloropropane	ND		3.1	ug/m3			12/02/19 19:03	1.329
1,3,5-Trimethylbenzene	ND		3.3	ug/m3			12/02/19 19:03	1.329
1,3-Dichlorobenzene	ND		4.0	ug/m3			12/02/19 19:03	1.329
1,4-Dichlorobenzene	ND		4.0	ug/m3			12/02/19 19:03	1.329
2-Butanone	**7.3**		5.9	ug/m3			12/02/19 19:03	1.329
2-Hexanone	ND		8.2	ug/m3			12/02/19 19:03	1.329
4-Ethyltoluene	ND		3.3	ug/m3			12/02/19 19:03	1.329
4-Methyl-2-pentanone	ND		8.2	ug/m3			12/02/19 19:03	1.329
Acetone	**21**		6.3	ug/m3			12/02/19 19:03	1.329
Benzene	ND		2.1	ug/m3			12/02/19 19:03	1.329
Benzyl chloride	ND		10	ug/m3			12/02/19 19:03	1.329
Bromodichloromethane	ND		4.5	ug/m3			12/02/19 19:03	1.329
Bromoform	ND		6.9	ug/m3			12/02/19 19:03	1.329
Bromomethane	ND		2.6	ug/m3			12/02/19 19:03	1.329

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: B4 — **Lab Sample ID: 570-14010-2**
Date Collected: 11/26/19 10:00 — **Matrix: Air**
Date Received: 11/26/19 16:27

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		2.6	ug/m3			12/02/19 19:03	1.329
cis-1,3-Dichloropropene	ND		3.0	ug/m3			12/02/19 19:03	1.329
Carbon disulfide	ND		8.3	ug/m3			12/02/19 19:03	1.329
Carbon tetrachloride	ND		4.2	ug/m3			12/02/19 19:03	1.329
Chlorobenzene	ND		3.1	ug/m3			12/02/19 19:03	1.329
Chloroethane	ND		1.8	ug/m3			12/02/19 19:03	1.329
Chloroform	ND		3.2	ug/m3			12/02/19 19:03	1.329
Chloromethane	ND		1.4	ug/m3			12/02/19 19:03	1.329
Dibromochloromethane	ND		5.7	ug/m3			12/02/19 19:03	1.329
Dichlorodifluoromethane	ND		3.3	ug/m3			12/02/19 19:03	1.329
Dichlorotetrafluoroethane	ND		19	ug/m3			12/02/19 19:03	1.329
Di-isopropyl ether (DIPE)	ND		11	ug/m3			12/02/19 19:03	1.329
Ethylbenzene	**3.2**		2.9	ug/m3			12/02/19 19:03	1.329
Ethyl-t-butyl ether (ETBE)	ND		11	ug/m3			12/02/19 19:03	1.329
Hexachloro-1,3-butadiene	ND		21	ug/m3			12/02/19 19:03	1.329
Isopropanol	**93**		16	ug/m3			12/02/19 19:03	1.329
Methylene Chloride	ND		23	ug/m3			12/02/19 19:03	1.329
Methyl-t-Butyl Ether (MTBE)	ND		9.6	ug/m3			12/02/19 19:03	1.329
n-Butylbenzene	ND		11	ug/m3			12/02/19 19:03	1.329
o-Xylene	**16**		2.9	ug/m3			12/02/19 19:03	1.329
m,p-Xylene	**26**		12	ug/m3			12/02/19 19:03	1.329
sec-Butylbenzene	ND		11	ug/m3			12/02/19 19:03	1.329
Styrene	ND		8.5	ug/m3			12/02/19 19:03	1.329
trans-1,2-Dichloroethene	ND		2.6	ug/m3			12/02/19 19:03	1.329
trans-1,3-Dichloropropene	ND		6.0	ug/m3			12/02/19 19:03	1.329
Tert-amyl methyl ether	ND		11	ug/m3			12/02/19 19:03	1.329
tert-Butyl alcohol (TBA)	ND		8.1	ug/m3			12/02/19 19:03	1.329
tert-Butylbenzene	ND		11	ug/m3			12/02/19 19:03	1.329
Tetrachloroethene	ND		4.5	ug/m3			12/02/19 19:03	1.329
Toluene	ND		2.5	ug/m3			12/02/19 19:03	1.329
Trichloroethene	ND		3.6	ug/m3			12/02/19 19:03	1.329
Trichlorofluoromethane	ND		7.5	ug/m3			12/02/19 19:03	1.329
Vinyl acetate	ND		9.4	ug/m3			12/02/19 19:03	1.329
Vinyl chloride	ND		1.7	ug/m3			12/02/19 19:03	1.329
Naphthalene	ND		8.7	ug/m3			12/02/19 19:03	1.329

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*67 - 133*		*12/02/19 19:03*	*1.329*
4-Bromofluorobenzene (Surr)	*115*		*68 - 134*		*12/02/19 19:03*	*1.329*
Toluene-d8 (Surr)	*106*		*70 - 130*		*12/02/19 19:03*	*1.329*

Client Sample ID: B6 — **Lab Sample ID: 570-14010-3**
Date Collected: 11/26/19 10:25 — **Matrix: Air**
Date Received: 11/26/19 16:27

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		3.2	ug/m3			12/02/19 20:02	1.173
1,1,2,2-Tetrachloroethane	ND		8.1	ug/m3			12/02/19 20:02	1.173
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		13	ug/m3			12/02/19 20:02	1.173
1,1,2-Trichloroethane	ND		3.2	ug/m3			12/02/19 20:02	1.173
1,1-Dichloroethane	ND		2.4	ug/m3			12/02/19 20:02	1.173

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: B6
Date Collected: 11/26/19 10:25
Date Received: 11/26/19 16:27

Lab Sample ID: 570-14010-3
Matrix: Air

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		2.3	ug/m3			12/02/19 20:02	1.173
1,1-Difluoroethane	ND		6.3	ug/m3			12/02/19 20:02	1.173
1,2,4-Trichlorobenzene	ND		17	ug/m3			12/02/19 20:02	1.173
1,2,4-Trimethylbenzene	ND		8.6	ug/m3			12/02/19 20:02	1.173
1,2-Dibromo-3-Chloropropane	ND		17	ug/m3			12/02/19 20:02	1.173
1,2-Dibromoethane	ND		4.5	ug/m3			12/02/19 20:02	1.173
1,2-Dichlorobenzene	ND		3.5	ug/m3			12/02/19 20:02	1.173
1,2-Dichloroethane	ND		2.4	ug/m3			12/02/19 20:02	1.173
1,2-Dichloropropane	ND		2.7	ug/m3			12/02/19 20:02	1.173
1,3,5-Trimethylbenzene	ND		2.9	ug/m3			12/02/19 20:02	1.173
1,3-Dichlorobenzene	ND		3.5	ug/m3			12/02/19 20:02	1.173
1,4-Dichlorobenzene	ND		3.5	ug/m3			12/02/19 20:02	1.173
2-Butanone	ND		5.2	ug/m3			12/02/19 20:02	1.173
2-Hexanone	ND		7.2	ug/m3			12/02/19 20:02	1.173
4-Ethyltoluene	ND		2.9	ug/m3			12/02/19 20:02	1.173
4-Methyl-2-pentanone	ND		7.2	ug/m3			12/02/19 20:02	1.173
Acetone	**33**		5.6	ug/m3			12/02/19 20:02	1.173
Benzene	ND		1.9	ug/m3			12/02/19 20:02	1.173
Benzyl chloride	ND		9.1	ug/m3			12/02/19 20:02	1.173
Bromodichloromethane	ND		3.9	ug/m3			12/02/19 20:02	1.173
Bromoform	ND		6.1	ug/m3			12/02/19 20:02	1.173
Bromomethane	ND		2.3	ug/m3			12/02/19 20:02	1.173
cis-1,2-Dichloroethene	ND		2.3	ug/m3			12/02/19 20:02	1.173
cis-1,3-Dichloropropene	ND		2.7	ug/m3			12/02/19 20:02	1.173
Carbon disulfide	ND		7.3	ug/m3			12/02/19 20:02	1.173
Carbon tetrachloride	ND		3.7	ug/m3			12/02/19 20:02	1.173
Chlorobenzene	ND		2.7	ug/m3			12/02/19 20:02	1.173
Chloroethane	ND		1.5	ug/m3			12/02/19 20:02	1.173
Chloroform	ND		2.9	ug/m3			12/02/19 20:02	1.173
Chloromethane	ND		1.2	ug/m3			12/02/19 20:02	1.173
Dibromochloromethane	ND		5.0	ug/m3			12/02/19 20:02	1.173
Dichlorodifluoromethane	ND		2.9	ug/m3			12/02/19 20:02	1.173
Dichlorotetrafluoroethane	ND		16	ug/m3			12/02/19 20:02	1.173
Di-isopropyl ether (DIPE)	ND		9.8	ug/m3			12/02/19 20:02	1.173
Ethylbenzene	ND		2.5	ug/m3			12/02/19 20:02	1.173
Ethyl-t-butyl ether (ETBE)	ND		9.8	ug/m3			12/02/19 20:02	1.173
Hexachloro-1,3-butadiene	ND		19	ug/m3			12/02/19 20:02	1.173
Isopropanol	**68**		14	ug/m3			12/02/19 20:02	1.173
Methylene Chloride	ND		20	ug/m3			12/02/19 20:02	1.173
Methyl-t-Butyl Ether (MTBE)	ND		8.5	ug/m3			12/02/19 20:02	1.173
n-Butylbenzene	ND		9.7	ug/m3			12/02/19 20:02	1.173
o-Xylene	ND		2.5	ug/m3			12/02/19 20:02	1.173
m,p-Xylene	ND		10	ug/m3			12/02/19 20:02	1.173
sec-Butylbenzene	ND		9.7	ug/m3			12/02/19 20:02	1.173
Styrene	ND		7.5	ug/m3			12/02/19 20:02	1.173
trans-1,2-Dichloroethene	ND		2.3	ug/m3			12/02/19 20:02	1.173
trans-1,3-Dichloropropene	ND		5.3	ug/m3			12/02/19 20:02	1.173
Tert-amyl methyl ether	ND		9.8	ug/m3			12/02/19 20:02	1.173
tert-Butyl alcohol (TBA)	ND		7.1	ug/m3			12/02/19 20:02	1.173

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: B6 — **Lab Sample ID: 570-14010-3**
Date Collected: 11/26/19 10:25 — **Matrix: Air**
Date Received: 11/26/19 16:27

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	ND		9.7	ug/m3			12/02/19 20:02	1.173
Tetrachloroethene	ND		4.0	ug/m3			12/02/19 20:02	1.173
Toluene	ND		2.2	ug/m3			12/02/19 20:02	1.173
Trichloroethene	ND		3.2	ug/m3			12/02/19 20:02	1.173
Trichlorofluoromethane	ND		6.6	ug/m3			12/02/19 20:02	1.173
Vinyl acetate	ND		8.3	ug/m3			12/02/19 20:02	1.173
Vinyl chloride	ND		1.5	ug/m3			12/02/19 20:02	1.173
Naphthalene	ND		7.7	ug/m3			12/02/19 20:02	1.173

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*122*		*67 - 133*		*12/02/19 20:02*	*1.173*
4-Bromofluorobenzene (Surr)	*114*		*68 - 134*		*12/02/19 20:02*	*1.173*
Toluene-d8 (Surr)	*107*		*70 - 130*		*12/02/19 20:02*	*1.173*

Client Sample ID: B8 — **Lab Sample ID: 570-14010-4**
Date Collected: 11/26/19 10:42 — **Matrix: Air**
Date Received: 11/26/19 16:27

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		6.2	ug/m3			12/03/19 18:23	2.28
1,1,2,2-Tetrachloroethane	ND		16	ug/m3			12/03/19 18:23	2.28
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		26	ug/m3			12/03/19 18:23	2.28
1,1,2-Trichloroethane	ND		6.2	ug/m3			12/03/19 18:23	2.28
1,1-Dichloroethane	ND		4.6	ug/m3			12/03/19 18:23	2.28
1,1-Dichloroethene	ND		4.5	ug/m3			12/03/19 18:23	2.28
1,1-Difluoroethane	ND		12	ug/m3			12/03/19 18:23	2.28
1,2,4-Trichlorobenzene	ND		34	ug/m3			12/03/19 18:23	2.28
1,2,4-Trimethylbenzene	ND		17	ug/m3			12/03/19 18:23	2.28
1,2-Dibromo-3-Chloropropane	ND		33	ug/m3			12/03/19 18:23	2.28
1,2-Dibromoethane	ND		8.8	ug/m3			12/03/19 18:23	2.28
1,2-Dichlorobenzene	ND		6.9	ug/m3			12/03/19 18:23	2.28
1,2-Dichloroethane	ND		4.6	ug/m3			12/03/19 18:23	2.28
1,2-Dichloropropane	ND		5.3	ug/m3			12/03/19 18:23	2.28
1,3,5-Trimethylbenzene	ND		5.6	ug/m3			12/03/19 18:23	2.28
1,3-Dichlorobenzene	ND		6.9	ug/m3			12/03/19 18:23	2.28
1,4-Dichlorobenzene	ND		6.9	ug/m3			12/03/19 18:23	2.28
2-Butanone	ND		10	ug/m3			12/03/19 18:23	2.28
2-Hexanone	ND		14	ug/m3			12/03/19 18:23	2.28
4-Ethyltoluene	ND		5.6	ug/m3			12/03/19 18:23	2.28
4-Methyl-2-pentanone	ND		14	ug/m3			12/03/19 18:23	2.28
Acetone	**21**		11	ug/m3			12/03/19 18:23	2.28
Benzene	ND		3.6	ug/m3			12/03/19 18:23	2.28
Benzyl chloride	ND		18	ug/m3			12/03/19 18:23	2.28
Bromodichloromethane	ND		7.6	ug/m3			12/03/19 18:23	2.28
Bromoform	ND		12	ug/m3			12/03/19 18:23	2.28
Bromomethane	ND		4.4	ug/m3			12/03/19 18:23	2.28
cis-1,2-Dichloroethene	ND		4.5	ug/m3			12/03/19 18:23	2.28
cis-1,3-Dichloropropene	ND		5.2	ug/m3			12/03/19 18:23	2.28
Carbon disulfide	ND		14	ug/m3			12/03/19 18:23	2.28
Carbon tetrachloride	ND		7.2	ug/m3			12/03/19 18:23	2.28
Chlorobenzene	ND		5.2	ug/m3			12/03/19 18:23	2.28

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: B8
Date Collected: 11/26/19 10:42
Date Received: 11/26/19 16:27

Lab Sample ID: 570-14010-4
Matrix: Air

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		3.0	ug/m3			12/03/19 18:23	2.28
Chloroform	ND		5.6	ug/m3			12/03/19 18:23	2.28
Chloromethane	ND		2.4	ug/m3			12/03/19 18:23	2.28
Dibromochloromethane	ND		9.7	ug/m3			12/03/19 18:23	2.28
Dichlorodifluoromethane	ND		5.6	ug/m3			12/03/19 18:23	2.28
Dichlorotetrafluoroethane	ND		32	ug/m3			12/03/19 18:23	2.28
Di-isopropyl ether (DIPE)	ND		19	ug/m3			12/03/19 18:23	2.28
Ethylbenzene	ND		5.0	ug/m3			12/03/19 18:23	2.28
Ethyl-t-butyl ether (ETBE)	ND		19	ug/m3			12/03/19 18:23	2.28
Hexachloro-1,3-butadiene	ND		36	ug/m3			12/03/19 18:23	2.28
Isopropanol	**95**		28	ug/m3			12/03/19 18:23	2.28
Methylene Chloride	ND		40	ug/m3			12/03/19 18:23	2.28
Methyl-t-Butyl Ether (MTBE)	ND		16	ug/m3			12/03/19 18:23	2.28
n-Butylbenzene	ND		19	ug/m3			12/03/19 18:23	2.28
o-Xylene	ND		5.0	ug/m3			12/03/19 18:23	2.28
m,p-Xylene	ND		20	ug/m3			12/03/19 18:23	2.28
sec-Butylbenzene	ND		19	ug/m3			12/03/19 18:23	2.28
Styrene	ND		15	ug/m3			12/03/19 18:23	2.28
trans-1,2-Dichloroethene	ND		4.5	ug/m3			12/03/19 18:23	2.28
trans-1,3-Dichloropropene	ND		10	ug/m3			12/03/19 18:23	2.28
Tert-amyl methyl ether	ND		19	ug/m3			12/03/19 18:23	2.28
tert-Butyl alcohol (TBA)	ND		14	ug/m3			12/03/19 18:23	2.28
tert-Butylbenzene	ND		19	ug/m3			12/03/19 18:23	2.28
Tetrachloroethene	**8.5**		7.7	ug/m3			12/03/19 18:23	2.28
Toluene	ND		4.3	ug/m3			12/03/19 18:23	2.28
Trichloroethene	ND		6.1	ug/m3			12/03/19 18:23	2.28
Trichlorofluoromethane	ND		13	ug/m3			12/03/19 18:23	2.28
Vinyl acetate	ND		16	ug/m3			12/03/19 18:23	2.28
Vinyl chloride	ND		2.9	ug/m3			12/03/19 18:23	2.28
Naphthalene	ND		15	ug/m3			12/03/19 18:23	2.28

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*67 - 133*		*12/03/19 18:23*	*2.28*
4-Bromofluorobenzene (Surr)	*103*		*68 - 134*		*12/03/19 18:23*	*2.28*
Toluene-d8 (Surr)	*100*		*70 - 130*		*12/03/19 18:23*	*2.28*

Client Sample ID: B11
Date Collected: 11/26/19 09:05
Date Received: 11/26/19 16:27

Lab Sample ID: 570-14010-5
Matrix: Air

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**3.6**		3.3	ug/m3			12/02/19 22:54	1.208
1,1,2,2-Tetrachloroethane	ND		8.3	ug/m3			12/02/19 22:54	1.208
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		14	ug/m3			12/02/19 22:54	1.208
1,1,2-Trichloroethane	ND		3.3	ug/m3			12/02/19 22:54	1.208
1,1-Dichloroethane	ND		2.4	ug/m3			12/02/19 22:54	1.208
1,1-Dichloroethene	ND		2.4	ug/m3			12/02/19 22:54	1.208
1,1-Difluoroethane	ND		6.5	ug/m3			12/02/19 22:54	1.208
1,2,4-Trichlorobenzene	ND		18	ug/m3			12/02/19 22:54	1.208
1,2,4-Trimethylbenzene	ND		8.9	ug/m3			12/02/19 22:54	1.208
1,2-Dibromo-3-Chloropropane	ND		18	ug/m3			12/02/19 22:54	1.208

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: B11
Date Collected: 11/26/19 09:05
Date Received: 11/26/19 16:27

Lab Sample ID: 570-14010-5
Matrix: Air

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		4.6		ug/m3			12/02/19 22:54	1.208
1,2-Dichlorobenzene	ND		3.6		ug/m3			12/02/19 22:54	1.208
1,2-Dichloroethane	ND		2.4		ug/m3			12/02/19 22:54	1.208
1,2-Dichloropropane	ND		2.8		ug/m3			12/02/19 22:54	1.208
1,3,5-Trimethylbenzene	ND		3.0		ug/m3			12/02/19 22:54	1.208
1,3-Dichlorobenzene	ND		3.6		ug/m3			12/02/19 22:54	1.208
1,4-Dichlorobenzene	ND		3.6		ug/m3			12/02/19 22:54	1.208
2-Butanone	ND		5.3		ug/m3			12/02/19 22:54	1.208
2-Hexanone	ND		7.4		ug/m3			12/02/19 22:54	1.208
4-Ethyltoluene	ND		3.0		ug/m3			12/02/19 22:54	1.208
4-Methyl-2-pentanone	ND		7.4		ug/m3			12/02/19 22:54	1.208
Acetone	**8.4**		5.7		ug/m3			12/02/19 22:54	1.208
Benzene	ND		1.9		ug/m3			12/02/19 22:54	1.208
Benzyl chloride	ND		9.4		ug/m3			12/02/19 22:54	1.208
Bromodichloromethane	ND		4.0		ug/m3			12/02/19 22:54	1.208
Bromoform	ND		6.2		ug/m3			12/02/19 22:54	1.208
Bromomethane	ND		2.3		ug/m3			12/02/19 22:54	1.208
cis-1,2-Dichloroethene	ND		2.4		ug/m3			12/02/19 22:54	1.208
cis-1,3-Dichloropropene	ND		2.7		ug/m3			12/02/19 22:54	1.208
Carbon disulfide	ND		7.5		ug/m3			12/02/19 22:54	1.208
Carbon tetrachloride	ND		3.8		ug/m3			12/02/19 22:54	1.208
Chlorobenzene	ND		2.8		ug/m3			12/02/19 22:54	1.208
Chloroethane	ND		1.6		ug/m3			12/02/19 22:54	1.208
Chloroform	**15**		2.9		ug/m3			12/02/19 22:54	1.208
Chloromethane	ND		1.2		ug/m3			12/02/19 22:54	1.208
Dibromochloromethane	ND		5.1		ug/m3			12/02/19 22:54	1.208
Dichlorodifluoromethane	ND		3.0		ug/m3			12/02/19 22:54	1.208
Dichlorotetrafluoroethane	ND		17		ug/m3			12/02/19 22:54	1.208
Di-isopropyl ether (DIPE)	ND		10		ug/m3			12/02/19 22:54	1.208
Ethylbenzene	ND		2.6		ug/m3			12/02/19 22:54	1.208
Ethyl-t-butyl ether (ETBE)	ND		10		ug/m3			12/02/19 22:54	1.208
Hexachloro-1,3-butadiene	ND		19		ug/m3			12/02/19 22:54	1.208
Isopropanol	ND		15		ug/m3			12/02/19 22:54	1.208
Methylene Chloride	ND		21		ug/m3			12/02/19 22:54	1.208
Methyl-t-Butyl Ether (MTBE)	ND		8.7		ug/m3			12/02/19 22:54	1.208
n-Butylbenzene	ND		9.9		ug/m3			12/02/19 22:54	1.208
o-Xylene	ND		2.6		ug/m3			12/02/19 22:54	1.208
m,p-Xylene	ND		10		ug/m3			12/02/19 22:54	1.208
sec-Butylbenzene	ND		9.9		ug/m3			12/02/19 22:54	1.208
Styrene	ND		7.7		ug/m3			12/02/19 22:54	1.208
trans-1,2-Dichloroethene	ND		2.4		ug/m3			12/02/19 22:54	1.208
trans-1,3-Dichloropropene	ND		5.5		ug/m3			12/02/19 22:54	1.208
Tert-amyl methyl ether	ND		10		ug/m3			12/02/19 22:54	1.208
tert-Butyl alcohol (TBA)	ND		7.3		ug/m3			12/02/19 22:54	1.208
tert-Butylbenzene	ND		9.9		ug/m3			12/02/19 22:54	1.208
Tetrachloroethene	**61**		4.1		ug/m3			12/02/19 22:54	1.208
Toluene	ND		2.3		ug/m3			12/02/19 22:54	1.208
Trichloroethene	ND		3.2		ug/m3			12/02/19 22:54	1.208
Trichlorofluoromethane	ND		6.8		ug/m3			12/02/19 22:54	1.208

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: B11 **Lab Sample ID: 570-14010-5**
Date Collected: 11/26/19 09:05 **Matrix: Air**
Date Received: 11/26/19 16:27

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl acetate	ND		8.5	ug/m3			12/02/19 22:54	1.208
Vinyl chloride	ND		1.5	ug/m3			12/02/19 22:54	1.208
Naphthalene	ND		7.9	ug/m3			12/02/19 22:54	1.208

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*116*		*67 - 133*		*12/02/19 22:54*	*1.208*
4-Bromofluorobenzene (Surr)	*114*		*68 - 134*		*12/02/19 22:54*	*1.208*
Toluene-d8 (Surr)	*105*		*70 - 130*		*12/02/19 22:54*	*1.208*

Client Sample ID: B12 **Lab Sample ID: 570-14010-6**
Date Collected: 11/26/19 08:46 **Matrix: Air**
Date Received: 11/26/19 16:27

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		3.0	ug/m3			12/02/19 23:52	1.087
1,1,2,2-Tetrachloroethane	ND		7.5	ug/m3			12/02/19 23:52	1.087
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		12	ug/m3			12/02/19 23:52	1.087
1,1,2-Trichloroethane	ND		3.0	ug/m3			12/02/19 23:52	1.087
1,1-Dichloroethane	ND		2.2	ug/m3			12/02/19 23:52	1.087
1,1-Dichloroethene	ND		2.2	ug/m3			12/02/19 23:52	1.087
1,1-Difluoroethane	ND		5.9	ug/m3			12/02/19 23:52	1.087
1,2,4-Trichlorobenzene	ND		16	ug/m3			12/02/19 23:52	1.087
1,2,4-Trimethylbenzene	ND		8.0	ug/m3			12/02/19 23:52	1.087
1,2-Dibromo-3-Chloropropane	ND		16	ug/m3			12/02/19 23:52	1.087
1,2-Dibromoethane	ND		4.2	ug/m3			12/02/19 23:52	1.087
1,2-Dichlorobenzene	ND		3.3	ug/m3			12/02/19 23:52	1.087
1,2-Dichloroethane	ND		2.2	ug/m3			12/02/19 23:52	1.087
1,2-Dichloropropane	ND		2.5	ug/m3			12/02/19 23:52	1.087
1,3,5-Trimethylbenzene	ND		2.7	ug/m3			12/02/19 23:52	1.087
1,3-Dichlorobenzene	ND		3.3	ug/m3			12/02/19 23:52	1.087
1,4-Dichlorobenzene	ND		3.3	ug/m3			12/02/19 23:52	1.087
2-Butanone	ND		4.8	ug/m3			12/02/19 23:52	1.087
2-Hexanone	ND		6.7	ug/m3			12/02/19 23:52	1.087
4-Ethyltoluene	ND		2.7	ug/m3			12/02/19 23:52	1.087
4-Methyl-2-pentanone	ND		6.7	ug/m3			12/02/19 23:52	1.087
Acetone	**74**		5.2	ug/m3			12/02/19 23:52	1.087
Benzene	**19**		1.7	ug/m3			12/02/19 23:52	1.087
Benzyl chloride	ND		8.4	ug/m3			12/02/19 23:52	1.087
Bromodichloromethane	ND		3.6	ug/m3			12/02/19 23:52	1.087
Bromoform	ND		5.6	ug/m3			12/02/19 23:52	1.087
Bromomethane	ND		2.1	ug/m3			12/02/19 23:52	1.087
cis-1,2-Dichloroethene	ND		2.2	ug/m3			12/02/19 23:52	1.087
cis-1,3-Dichloropropene	ND		2.5	ug/m3			12/02/19 23:52	1.087
Carbon disulfide	ND		6.8	ug/m3			12/02/19 23:52	1.087
Carbon tetrachloride	ND		3.4	ug/m3			12/02/19 23:52	1.087
Chlorobenzene	ND		2.5	ug/m3			12/02/19 23:52	1.087
Chloroethane	ND		1.4	ug/m3			12/02/19 23:52	1.087
Chloroform	ND		2.7	ug/m3			12/02/19 23:52	1.087
Chloromethane	ND		1.1	ug/m3			12/02/19 23:52	1.087
Dibromochloromethane	ND		4.6	ug/m3			12/02/19 23:52	1.087
Dichlorodifluoromethane	ND		2.7	ug/m3			12/02/19 23:52	1.087

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: B12 — **Lab Sample ID: 570-14010-6**
Date Collected: 11/26/19 08:46 — **Matrix: Air**
Date Received: 11/26/19 16:27

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorotetrafluoroethane	ND		15	ug/m3			12/02/19 23:52	1.087
Di-isopropyl ether (DIPE)	ND		9.1	ug/m3			12/02/19 23:52	1.087
Ethylbenzene	**2.4**		2.4	ug/m3			12/02/19 23:52	1.087
Ethyl-t-butyl ether (ETBE)	ND		9.1	ug/m3			12/02/19 23:52	1.087
Hexachloro-1,3-butadiene	ND		17	ug/m3			12/02/19 23:52	1.087
Isopropanol	ND		13	ug/m3			12/02/19 23:52	1.087
Methylene Chloride	ND		19	ug/m3			12/02/19 23:52	1.087
Methyl-t-Butyl Ether (MTBE)	ND		7.8	ug/m3			12/02/19 23:52	1.087
n-Butylbenzene	ND		9.0	ug/m3			12/02/19 23:52	1.087
o-Xylene	**3.0**		2.4	ug/m3			12/02/19 23:52	1.087
m,p-Xylene	ND		9.4	ug/m3			12/02/19 23:52	1.087
sec-Butylbenzene	ND		9.0	ug/m3			12/02/19 23:52	1.087
Styrene	ND		6.9	ug/m3			12/02/19 23:52	1.087
trans-1,2-Dichloroethene	ND		2.2	ug/m3			12/02/19 23:52	1.087
trans-1,3-Dichloropropene	ND		4.9	ug/m3			12/02/19 23:52	1.087
Tert-amyl methyl ether	ND		9.1	ug/m3			12/02/19 23:52	1.087
tert-Butyl alcohol (TBA)	ND		6.6	ug/m3			12/02/19 23:52	1.087
tert-Butylbenzene	ND		9.0	ug/m3			12/02/19 23:52	1.087
Tetrachloroethene	**140**		3.7	ug/m3			12/02/19 23:52	1.087
Toluene	**3.0**		2.0	ug/m3			12/02/19 23:52	1.087
Trichloroethene	**6.4**		2.9	ug/m3			12/02/19 23:52	1.087
Trichlorofluoromethane	ND		6.1	ug/m3			12/02/19 23:52	1.087
Vinyl acetate	ND		7.7	ug/m3			12/02/19 23:52	1.087
Vinyl chloride	ND		1.4	ug/m3			12/02/19 23:52	1.087
Naphthalene	ND		7.1	ug/m3			12/02/19 23:52	1.087

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*126*		*67 - 133*		*12/02/19 23:52*	*1.087*
4-Bromofluorobenzene (Surr)	*120*		*68 - 134*		*12/02/19 23:52*	*1.087*
Toluene-d8 (Surr)	*108*		*70 - 130*		*12/02/19 23:52*	*1.087*

Client Sample ID: B18 — **Lab Sample ID: 570-14010-7**
Date Collected: 11/26/19 11:04 — **Matrix: Air**
Date Received: 11/26/19 16:27

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		3.1	ug/m3			12/03/19 00:51	1.146
1,1,2,2-Tetrachloroethane	ND		7.9	ug/m3			12/03/19 00:51	1.146
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		13	ug/m3			12/03/19 00:51	1.146
1,1,2-Trichloroethane	ND		3.1	ug/m3			12/03/19 00:51	1.146
1,1-Dichloroethane	ND		2.3	ug/m3			12/03/19 00:51	1.146
1,1-Dichloroethene	ND		2.3	ug/m3			12/03/19 00:51	1.146
1,1-Difluoroethane	ND		6.2	ug/m3			12/03/19 00:51	1.146
1,2,4-Trichlorobenzene	ND		17	ug/m3			12/03/19 00:51	1.146
1,2,4-Trimethylbenzene	ND		8.5	ug/m3			12/03/19 00:51	1.146
1,2-Dibromo-3-Chloropropane	ND		17	ug/m3			12/03/19 00:51	1.146
1,2-Dibromoethane	ND		4.4	ug/m3			12/03/19 00:51	1.146
1,2-Dichlorobenzene	ND		3.4	ug/m3			12/03/19 00:51	1.146
1,2-Dichloroethane	ND		2.3	ug/m3			12/03/19 00:51	1.146
1,2-Dichloropropane	ND		2.6	ug/m3			12/03/19 00:51	1.146
1,3,5-Trimethylbenzene	ND		2.8	ug/m3			12/03/19 00:51	1.146

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: B18
Date Collected: 11/26/19 11:04
Date Received: 11/26/19 16:27

Lab Sample ID: 570-14010-7
Matrix: Air

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichlorobenzene	ND		3.4	ug/m3			12/03/19 00:51	1.146
1,4-Dichlorobenzene	ND		3.4	ug/m3			12/03/19 00:51	1.146
2-Butanone	ND		5.1	ug/m3			12/03/19 00:51	1.146
2-Hexanone	ND		7.0	ug/m3			12/03/19 00:51	1.146
4-Ethyltoluene	ND		2.8	ug/m3			12/03/19 00:51	1.146
4-Methyl-2-pentanone	ND		7.0	ug/m3			12/03/19 00:51	1.146
Acetone	**9.2**		5.4	ug/m3			12/03/19 00:51	1.146
Benzene	ND		1.8	ug/m3			12/03/19 00:51	1.146
Benzyl chloride	ND		8.9	ug/m3			12/03/19 00:51	1.146
Bromodichloromethane	ND		3.8	ug/m3			12/03/19 00:51	1.146
Bromoform	ND		5.9	ug/m3			12/03/19 00:51	1.146
Bromomethane	ND		2.2	ug/m3			12/03/19 00:51	1.146
cis-1,2-Dichloroethene	ND		2.3	ug/m3			12/03/19 00:51	1.146
cis-1,3-Dichloropropene	ND		2.6	ug/m3			12/03/19 00:51	1.146
Carbon disulfide	ND		7.1	ug/m3			12/03/19 00:51	1.146
Carbon tetrachloride	ND		3.6	ug/m3			12/03/19 00:51	1.146
Chlorobenzene	ND		2.6	ug/m3			12/03/19 00:51	1.146
Chloroethane	ND		1.5	ug/m3			12/03/19 00:51	1.146
Chloroform	ND		2.8	ug/m3			12/03/19 00:51	1.146
Chloromethane	ND		1.2	ug/m3			12/03/19 00:51	1.146
Dibromochloromethane	ND		4.9	ug/m3			12/03/19 00:51	1.146
Dichlorodifluoromethane	ND		2.8	ug/m3			12/03/19 00:51	1.146
Dichlorotetrafluoroethane	ND		16	ug/m3			12/03/19 00:51	1.146
Di-isopropyl ether (DIPE)	ND		9.6	ug/m3			12/03/19 00:51	1.146
Ethylbenzene	ND		2.5	ug/m3			12/03/19 00:51	1.146
Ethyl-t-butyl ether (ETBE)	ND		9.6	ug/m3			12/03/19 00:51	1.146
Hexachloro-1,3-butadiene	ND		18	ug/m3			12/03/19 00:51	1.146
Isopropanol	**54**		14	ug/m3			12/03/19 00:51	1.146
Methylene Chloride	ND		20	ug/m3			12/03/19 00:51	1.146
Methyl-t-Butyl Ether (MTBE)	ND		8.3	ug/m3			12/03/19 00:51	1.146
n-Butylbenzene	ND		9.4	ug/m3			12/03/19 00:51	1.146
o-Xylene	ND		2.5	ug/m3			12/03/19 00:51	1.146
m,p-Xylene	ND		10	ug/m3			12/03/19 00:51	1.146
sec-Butylbenzene	ND		9.4	ug/m3			12/03/19 00:51	1.146
Styrene	ND		7.3	ug/m3			12/03/19 00:51	1.146
trans-1,2-Dichloroethene	ND		2.3	ug/m3			12/03/19 00:51	1.146
trans-1,3-Dichloropropene	ND		5.2	ug/m3			12/03/19 00:51	1.146
Tert-amyl methyl ether	ND		9.6	ug/m3			12/03/19 00:51	1.146
tert-Butyl alcohol (TBA)	ND		6.9	ug/m3			12/03/19 00:51	1.146
tert-Butylbenzene	ND		9.4	ug/m3			12/03/19 00:51	1.146
Tetrachloroethene	ND		3.9	ug/m3			12/03/19 00:51	1.146
Toluene	ND		2.2	ug/m3			12/03/19 00:51	1.146
Trichloroethene	ND		3.1	ug/m3			12/03/19 00:51	1.146
Trichlorofluoromethane	ND		6.4	ug/m3			12/03/19 00:51	1.146
Vinyl acetate	ND		8.1	ug/m3			12/03/19 00:51	1.146
Vinyl chloride	ND		1.5	ug/m3			12/03/19 00:51	1.146
Naphthalene	ND		7.5	ug/m3			12/03/19 00:51	1.146

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*123*		*67 - 133*		*12/03/19 00:51*	*1.146*

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: B18
Date Collected: 11/26/19 11:04
Date Received: 11/26/19 16:27

Lab Sample ID: 570-14010-7
Matrix: Air

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*68 - 134*		*12/03/19 00:51*	*1.146*
Toluene-d8 (Surr)	*106*		*70 - 130*		*12/03/19 00:51*	*1.146*

Client Sample ID: B20M
Date Collected: 11/26/19 11:25
Date Received: 11/26/19 16:27

Lab Sample ID: 570-14010-8
Matrix: Air

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		3.1	ug/m3			12/03/19 01:50	1.12
1,1,2,2-Tetrachloroethane	ND		7.7	ug/m3			12/03/19 01:50	1.12
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		13	ug/m3			12/03/19 01:50	1.12
1,1,2-Trichloroethane	ND		3.1	ug/m3			12/03/19 01:50	1.12
1,1-Dichloroethane	ND		2.3	ug/m3			12/03/19 01:50	1.12
1,1-Dichloroethene	ND		2.2	ug/m3			12/03/19 01:50	1.12
1,1-Difluoroethane	ND		6.1	ug/m3			12/03/19 01:50	1.12
1,2,4-Trichlorobenzene	ND		17	ug/m3			12/03/19 01:50	1.12
1,2,4-Trimethylbenzene	ND		8.3	ug/m3			12/03/19 01:50	1.12
1,2-Dibromo-3-Chloropropane	ND		16	ug/m3			12/03/19 01:50	1.12
1,2-Dibromoethane	ND		4.3	ug/m3			12/03/19 01:50	1.12
1,2-Dichlorobenzene	ND		3.4	ug/m3			12/03/19 01:50	1.12
1,2-Dichloroethane	ND		2.3	ug/m3			12/03/19 01:50	1.12
1,2-Dichloropropane	ND		2.6	ug/m3			12/03/19 01:50	1.12
1,3,5-Trimethylbenzene	ND		2.8	ug/m3			12/03/19 01:50	1.12
1,3-Dichlorobenzene	ND		3.4	ug/m3			12/03/19 01:50	1.12
1,4-Dichlorobenzene	ND		3.4	ug/m3			12/03/19 01:50	1.12
2-Butanone	ND		5.0	ug/m3			12/03/19 01:50	1.12
2-Hexanone	ND		6.9	ug/m3			12/03/19 01:50	1.12
4-Ethyltoluene	ND		2.8	ug/m3			12/03/19 01:50	1.12
4-Methyl-2-pentanone	ND		6.9	ug/m3			12/03/19 01:50	1.12
Acetone	**15**		5.3	ug/m3			12/03/19 01:50	1.12
Benzene	ND		1.8	ug/m3			12/03/19 01:50	1.12
Benzyl chloride	ND		8.7	ug/m3			12/03/19 01:50	1.12
Bromodichloromethane	ND		3.8	ug/m3			12/03/19 01:50	1.12
Bromoform	ND		5.8	ug/m3			12/03/19 01:50	1.12
Bromomethane	ND		2.2	ug/m3			12/03/19 01:50	1.12
cis-1,2-Dichloroethene	ND		2.2	ug/m3			12/03/19 01:50	1.12
cis-1,3-Dichloropropene	ND		2.5	ug/m3			12/03/19 01:50	1.12
Carbon disulfide	ND		7.0	ug/m3			12/03/19 01:50	1.12
Carbon tetrachloride	ND		3.5	ug/m3			12/03/19 01:50	1.12
Chlorobenzene	ND		2.6	ug/m3			12/03/19 01:50	1.12
Chloroethane	ND		1.5	ug/m3			12/03/19 01:50	1.12
Chloroform	**9.1**		2.7	ug/m3			12/03/19 01:50	1.12
Chloromethane	ND		1.2	ug/m3			12/03/19 01:50	1.12
Dibromochloromethane	ND		4.8	ug/m3			12/03/19 01:50	1.12
Dichlorodifluoromethane	ND		2.8	ug/m3			12/03/19 01:50	1.12
Dichlorotetrafluoroethane	ND		16	ug/m3			12/03/19 01:50	1.12
Di-isopropyl ether (DIPE)	ND		9.4	ug/m3			12/03/19 01:50	1.12
Ethylbenzene	ND		2.4	ug/m3			12/03/19 01:50	1.12
Ethyl-t-butyl ether (ETBE)	ND		9.4	ug/m3			12/03/19 01:50	1.12
Hexachloro-1,3-butadiene	ND		18	ug/m3			12/03/19 01:50	1.12

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: B20M — **Lab Sample ID: 570-14010-8**
Date Collected: 11/26/19 11:25 — **Matrix: Air**
Date Received: 11/26/19 16:27

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropanol	**99**		14	ug/m3			12/03/19 01:50	1.12
Methylene Chloride	ND		19	ug/m3			12/03/19 01:50	1.12
Methyl-t-Butyl Ether (MTBE)	ND		8.1	ug/m3			12/03/19 01:50	1.12
n-Butylbenzene	ND		9.2	ug/m3			12/03/19 01:50	1.12
o-Xylene	ND		2.4	ug/m3			12/03/19 01:50	1.12
m,p-Xylene	ND		9.7	ug/m3			12/03/19 01:50	1.12
sec-Butylbenzene	ND		9.2	ug/m3			12/03/19 01:50	1.12
Styrene	ND		7.2	ug/m3			12/03/19 01:50	1.12
trans-1,2-Dichloroethene	ND		2.2	ug/m3			12/03/19 01:50	1.12
trans-1,3-Dichloropropene	ND		5.1	ug/m3			12/03/19 01:50	1.12
Tert-amyl methyl ether	ND		9.4	ug/m3			12/03/19 01:50	1.12
tert-Butyl alcohol (TBA)	ND		6.8	ug/m3			12/03/19 01:50	1.12
tert-Butylbenzene	ND		9.2	ug/m3			12/03/19 01:50	1.12
Tetrachloroethene	**4.3**		3.8	ug/m3			12/03/19 01:50	1.12
Toluene	ND		2.1	ug/m3			12/03/19 01:50	1.12
Trichloroethene	ND		3.0	ug/m3			12/03/19 01:50	1.12
Trichlorofluoromethane	ND		6.3	ug/m3			12/03/19 01:50	1.12
Vinyl acetate	ND		7.9	ug/m3			12/03/19 01:50	1.12
Vinyl chloride	ND		1.4	ug/m3			12/03/19 01:50	1.12
Naphthalene	ND		7.3	ug/m3			12/03/19 01:50	1.12

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*122*		*67 - 133*		*12/03/19 01:50*	*1.12*
4-Bromofluorobenzene (Surr)	*115*		*68 - 134*		*12/03/19 01:50*	*1.12*
Toluene-d8 (Surr)	*115*		*70 - 130*		*12/03/19 01:50*	*1.12*

Client Sample ID: B21 — **Lab Sample ID: 570-14010-9**
Date Collected: 11/26/19 12:42 — **Matrix: Air**
Date Received: 11/26/19 16:27

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		3.0	ug/m3			12/03/19 03:38	1.108
1,1,2,2-Tetrachloroethane	ND		7.6	ug/m3			12/03/19 03:38	1.108
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		13	ug/m3			12/03/19 03:38	1.108
1,1,2-Trichloroethane	ND		3.0	ug/m3			12/03/19 03:38	1.108
1,1-Dichloroethane	ND		2.2	ug/m3			12/03/19 03:38	1.108
1,1-Dichloroethene	ND		2.2	ug/m3			12/03/19 03:38	1.108
1,1-Difluoroethane	ND		6.0	ug/m3			12/03/19 03:38	1.108
1,2,4-Trichlorobenzene	ND		16	ug/m3			12/03/19 03:38	1.108
1,2,4-Trimethylbenzene	ND		8.2	ug/m3			12/03/19 03:38	1.108
1,2-Dibromo-3-Chloropropane	ND		16	ug/m3			12/03/19 03:38	1.108
1,2-Dibromoethane	ND		4.3	ug/m3			12/03/19 03:38	1.108
1,2-Dichlorobenzene	ND		3.3	ug/m3			12/03/19 03:38	1.108
1,2-Dichloroethane	ND		2.2	ug/m3			12/03/19 03:38	1.108
1,2-Dichloropropane	ND		2.6	ug/m3			12/03/19 03:38	1.108
1,3,5-Trimethylbenzene	ND		2.7	ug/m3			12/03/19 03:38	1.108
1,3-Dichlorobenzene	ND		3.3	ug/m3			12/03/19 03:38	1.108
1,4-Dichlorobenzene	ND		3.3	ug/m3			12/03/19 03:38	1.108
2-Butanone	**5.0**		4.9	ug/m3			12/03/19 03:38	1.108
2-Hexanone	ND		6.8	ug/m3			12/03/19 03:38	1.108
4-Ethyltoluene	ND		2.7	ug/m3			12/03/19 03:38	1.108

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: B21
Date Collected: 11/26/19 12:42
Date Received: 11/26/19 16:27

Lab Sample ID: 570-14010-9
Matrix: Air

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone	ND		6.8	ug/m3			12/03/19 03:38	1.108
Acetone	**26**		5.3	ug/m3			12/03/19 03:38	1.108
Benzene	ND		1.8	ug/m3			12/03/19 03:38	1.108
Benzyl chloride	ND		8.6	ug/m3			12/03/19 03:38	1.108
Bromodichloromethane	ND		3.7	ug/m3			12/03/19 03:38	1.108
Bromoform	ND		5.7	ug/m3			12/03/19 03:38	1.108
Bromomethane	ND		2.2	ug/m3			12/03/19 03:38	1.108
cis-1,2-Dichloroethene	ND		2.2	ug/m3			12/03/19 03:38	1.108
cis-1,3-Dichloropropene	ND		2.5	ug/m3			12/03/19 03:38	1.108
Carbon disulfide	ND		6.9	ug/m3			12/03/19 03:38	1.108
Carbon tetrachloride	ND		3.5	ug/m3			12/03/19 03:38	1.108
Chlorobenzene	ND		2.6	ug/m3			12/03/19 03:38	1.108
Chloroethane	ND		1.5	ug/m3			12/03/19 03:38	1.108
Chloroform	ND		2.7	ug/m3			12/03/19 03:38	1.108
Chloromethane	ND		1.1	ug/m3			12/03/19 03:38	1.108
Dibromochloromethane	ND		4.7	ug/m3			12/03/19 03:38	1.108
Dichlorodifluoromethane	**3.1**		2.7	ug/m3			12/03/19 03:38	1.108
Dichlorotetrafluoroethane	ND		15	ug/m3			12/03/19 03:38	1.108
Di-isopropyl ether (DIPE)	ND		9.3	ug/m3			12/03/19 03:38	1.108
Ethylbenzene	ND		2.4	ug/m3			12/03/19 03:38	1.108
Ethyl-t-butyl ether (ETBE)	ND		9.3	ug/m3			12/03/19 03:38	1.108
Hexachloro-1,3-butadiene	ND		18	ug/m3			12/03/19 03:38	1.108
Isopropanol	**30**		14	ug/m3			12/03/19 03:38	1.108
Methylene Chloride	ND		19	ug/m3			12/03/19 03:38	1.108
Methyl-t-Butyl Ether (MTBE)	ND		8.0	ug/m3			12/03/19 03:38	1.108
n-Butylbenzene	ND		9.1	ug/m3			12/03/19 03:38	1.108
o-Xylene	ND		2.4	ug/m3			12/03/19 03:38	1.108
m,p-Xylene	ND		9.6	ug/m3			12/03/19 03:38	1.108
sec-Butylbenzene	ND		9.1	ug/m3			12/03/19 03:38	1.108
Styrene	ND		7.1	ug/m3			12/03/19 03:38	1.108
trans-1,2-Dichloroethene	ND		2.2	ug/m3			12/03/19 03:38	1.108
trans-1,3-Dichloropropene	ND		5.0	ug/m3			12/03/19 03:38	1.108
Tert-amyl methyl ether	ND		9.3	ug/m3			12/03/19 03:38	1.108
tert-Butyl alcohol (TBA)	ND		6.7	ug/m3			12/03/19 03:38	1.108
tert-Butylbenzene	ND		9.1	ug/m3			12/03/19 03:38	1.108
Tetrachloroethene	ND		3.8	ug/m3			12/03/19 03:38	1.108
Toluene	ND		2.1	ug/m3			12/03/19 03:38	1.108
Trichloroethene	ND		3.0	ug/m3			12/03/19 03:38	1.108
Trichlorofluoromethane	ND		6.2	ug/m3			12/03/19 03:38	1.108
Vinyl acetate	ND		7.8	ug/m3			12/03/19 03:38	1.108
Vinyl chloride	ND		1.4	ug/m3			12/03/19 03:38	1.108
Naphthalene	ND		7.3	ug/m3			12/03/19 03:38	1.108

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*127*		*67 - 133*		*12/03/19 03:38*	*1.108*
4-Bromofluorobenzene (Surr)	*116*		*68 - 134*		*12/03/19 03:38*	*1.108*
Toluene-d8 (Surr)	*110*		*70 - 130*		*12/03/19 03:38*	*1.108*

Client Sample Results

Client: Frey Environmental
Project/Site: 759-13

Job ID: 570-14010-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Client Sample ID: B22
Date Collected: 11/26/19 13:27
Date Received: 11/26/19 16:27

Lab Sample ID: 570-14010-10
Matrix: Air

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.7		ug/m3			12/03/19 19:15	1
1,1,2,2-Tetrachloroethane	ND		6.9		ug/m3			12/03/19 19:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11		ug/m3			12/03/19 19:15	1
1,1,2-Trichloroethane	ND		2.7		ug/m3			12/03/19 19:15	1
1,1-Dichloroethane	ND		2.0		ug/m3			12/03/19 19:15	1
1,1-Dichloroethene	ND		2.0		ug/m3			12/03/19 19:15	1
1,1-Difluoroethane	ND		5.4		ug/m3			12/03/19 19:15	1
1,2,4-Trichlorobenzene	ND		15		ug/m3			12/03/19 19:15	1
1,2,4-Trimethylbenzene	ND		7.4		ug/m3			12/03/19 19:15	1
1,2-Dibromo-3-Chloropropane	ND		14		ug/m3			12/03/19 19:15	1
1,2-Dibromoethane	ND		3.8		ug/m3			12/03/19 19:15	1
1,2-Dichlorobenzene	ND		3.0		ug/m3			12/03/19 19:15	1
1,2-Dichloroethane	ND		2.0		ug/m3			12/03/19 19:15	1
1,2-Dichloropropane	ND		2.3		ug/m3			12/03/19 19:15	1
1,3,5-Trimethylbenzene	ND		2.5		ug/m3			12/03/19 19:15	1
1,3-Dichlorobenzene	ND		3.0		ug/m3			12/03/19 19:15	1
1,4-Dichlorobenzene	ND		3.0		ug/m3			12/03/19 19:15	1
2-Butanone	**6.1**		4.4		ug/m3			12/03/19 19:15	1
2-Hexanone	ND		6.1		ug/m3			12/03/19 19:15	1
4-Ethyltoluene	ND		2.5		ug/m3			12/03/19 19:15	1
4-Methyl-2-pentanone	ND		6.1		ug/m3			12/03/19 19:15	1
Acetone	**28**		4.8		ug/m3			12/03/19 19:15	1
Benzene	ND		1.6		ug/m3			12/03/19 19:15	1
Benzyl chloride	ND		7.8		ug/m3			12/03/19 19:15	1
Bromodichloromethane	ND		3.4		ug/m3			12/03/19 19:15	1
Bromoform	ND		5.2		ug/m3			12/03/19 19:15	1
Bromomethane	ND		1.9		ug/m3			12/03/19 19:15	1
cis-1,2-Dichloroethene	ND		2.0		ug/m3			12/03/19 19:15	1
cis-1,3-Dichloropropene	ND		2.3		ug/m3			12/03/19 19:15	1
Carbon disulfide	ND		6.2		ug/m3			12/03/19 19:15	1
Carbon tetrachloride	ND		3.1		ug/m3			12/03/19 19:15	1
Chlorobenzene	ND		2.3		ug/m3			12/03/19 19:15	1
Chloroethane	ND		1.3		ug/m3			12/03/19 19:15	1
Chloroform	ND		2.4		ug/m3			12/03/19 19:15	1
Chloromethane	ND		1.0		ug/m3			12/03/19 19:15	1
Dibromochloromethane	ND		4.3		ug/m3			12/03/19 19:15	1
Dichlorodifluoromethane	ND		2.5		ug/m3			12/03/19 19:15	1
Dichlorotetrafluoroethane	ND		14		ug/m3			12/03/19 19:15	1
Di-isopropyl ether (DIPE)	ND		8.4		ug/m3			12/03/19 19:15	1
Ethylbenzene	ND		2.2		ug/m3			12/03/19 19:15	1
Ethyl-t-butyl ether (ETBE)	ND		8.4		ug/m3			12/03/19 19:15	1
Hexachloro-1,3-butadiene	ND		16		ug/m3			12/03/19 19:15	1
Isopropanol	**59**		12		ug/m3			12/03/19 19:15	1
Methylene Chloride	ND		17		ug/m3			12/03/19 19:15	1
Methyl-t-Butyl Ether (MTBE)	ND		7.2		ug/m3			12/03/19 19:15	1
n-Butylbenzene	ND		8.2		ug/m3			12/03/19 19:15	1
o-Xylene	ND		2.2		ug/m3			12/03/19 19:15	1
m,p-Xylene	ND		8.7		ug/m3			12/03/19 19:15	1
sec-Butylbenzene	ND		8.2		ug/m3			12/03/19 19:15	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: B22
Date Collected: 11/26/19 13:27
Date Received: 11/26/19 16:27

Lab Sample ID: 570-14010-10
Matrix: Air

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	ND		6.4	ug/m3			12/03/19 19:15	1
trans-1,2-Dichloroethene	ND		2.0	ug/m3			12/03/19 19:15	1
trans-1,3-Dichloropropene	ND		4.5	ug/m3			12/03/19 19:15	1
Tert-amyl methyl ether	ND		8.4	ug/m3			12/03/19 19:15	1
tert-Butyl alcohol (TBA)	ND		6.1	ug/m3			12/03/19 19:15	1
tert-Butylbenzene	ND		8.2	ug/m3			12/03/19 19:15	1
Tetrachloroethene	**4.9**		3.4	ug/m3			12/03/19 19:15	1
Toluene	ND		1.9	ug/m3			12/03/19 19:15	1
Trichloroethene	ND		2.7	ug/m3			12/03/19 19:15	1
Trichlorofluoromethane	ND		5.6	ug/m3			12/03/19 19:15	1
Vinyl acetate	ND		7.0	ug/m3			12/03/19 19:15	1
Vinyl chloride	ND		1.3	ug/m3			12/03/19 19:15	1
Naphthalene	ND		6.6	ug/m3			12/03/19 19:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*67 - 133*		*12/03/19 19:15*	*1*
4-Bromofluorobenzene (Surr)	*101*		*68 - 134*		*12/03/19 19:15*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*12/03/19 19:15*	*1*

Client Sample ID: B23
Date Collected: 11/26/19 12:29
Date Received: 11/26/19 16:27

Lab Sample ID: 570-14010-11
Matrix: Air

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.9	ug/m3			12/03/19 05:37	1.07
1,1,2,2-Tetrachloroethane	ND		7.3	ug/m3			12/03/19 05:37	1.07
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		12	ug/m3			12/03/19 05:37	1.07
1,1,2-Trichloroethane	ND		2.9	ug/m3			12/03/19 05:37	1.07
1,1-Dichloroethane	ND		2.2	ug/m3			12/03/19 05:37	1.07
1,1-Dichloroethene	ND		2.1	ug/m3			12/03/19 05:37	1.07
1,1-Difluoroethane	ND		5.8	ug/m3			12/03/19 05:37	1.07
1,2,4-Trichlorobenzene	ND		16	ug/m3			12/03/19 05:37	1.07
1,2,4-Trimethylbenzene	ND		7.9	ug/m3			12/03/19 05:37	1.07
1,2-Dibromo-3-Chloropropane	ND		16	ug/m3			12/03/19 05:37	1.07
1,2-Dibromoethane	ND		4.1	ug/m3			12/03/19 05:37	1.07
1,2-Dichlorobenzene	ND		3.2	ug/m3			12/03/19 05:37	1.07
1,2-Dichloroethane	ND		2.2	ug/m3			12/03/19 05:37	1.07
1,2-Dichloropropane	ND		2.5	ug/m3			12/03/19 05:37	1.07
1,3,5-Trimethylbenzene	ND		2.6	ug/m3			12/03/19 05:37	1.07
1,3-Dichlorobenzene	ND		3.2	ug/m3			12/03/19 05:37	1.07
1,4-Dichlorobenzene	ND		3.2	ug/m3			12/03/19 05:37	1.07
2-Butanone	ND		4.7	ug/m3			12/03/19 05:37	1.07
2-Hexanone	ND		6.6	ug/m3			12/03/19 05:37	1.07
4-Ethyltoluene	ND		2.6	ug/m3			12/03/19 05:37	1.07
4-Methyl-2-pentanone	ND		6.6	ug/m3			12/03/19 05:37	1.07
Acetone	**14**		5.1	ug/m3			12/03/19 05:37	1.07
Benzene	ND		1.7	ug/m3			12/03/19 05:37	1.07
Benzyl chloride	ND		8.3	ug/m3			12/03/19 05:37	1.07
Bromodichloromethane	ND		3.6	ug/m3			12/03/19 05:37	1.07
Bromoform	ND		5.5	ug/m3			12/03/19 05:37	1.07
Bromomethane	ND		2.1	ug/m3			12/03/19 05:37	1.07

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: B23 — **Lab Sample ID: 570-14010-11**
Date Collected: 11/26/19 12:29 — **Matrix: Air**
Date Received: 11/26/19 16:27

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		2.1	ug/m3			12/03/19 05:37	1.07
cis-1,3-Dichloropropene	ND		2.4	ug/m3			12/03/19 05:37	1.07
Carbon disulfide	ND		6.7	ug/m3			12/03/19 05:37	1.07
Carbon tetrachloride	ND		3.4	ug/m3			12/03/19 05:37	1.07
Chlorobenzene	ND		2.5	ug/m3			12/03/19 05:37	1.07
Chloroethane	ND		1.4	ug/m3			12/03/19 05:37	1.07
Chloroform	ND		2.6	ug/m3			12/03/19 05:37	1.07
Chloromethane	ND		1.1	ug/m3			12/03/19 05:37	1.07
Dibromochloromethane	ND		4.6	ug/m3			12/03/19 05:37	1.07
Dichlorodifluoromethane	**3.2**		2.6	ug/m3			12/03/19 05:37	1.07
Dichlorotetrafluoroethane	ND		15	ug/m3			12/03/19 05:37	1.07
Di-isopropyl ether (DIPE)	ND		8.9	ug/m3			12/03/19 05:37	1.07
Ethylbenzene	ND		2.3	ug/m3			12/03/19 05:37	1.07
Ethyl-t-butyl ether (ETBE)	ND		8.9	ug/m3			12/03/19 05:37	1.07
Hexachloro-1,3-butadiene	ND		17	ug/m3			12/03/19 05:37	1.07
Isopropanol	**40**		13	ug/m3			12/03/19 05:37	1.07
Methylene Chloride	ND		19	ug/m3			12/03/19 05:37	1.07
Methyl-t-Butyl Ether (MTBE)	ND		7.7	ug/m3			12/03/19 05:37	1.07
n-Butylbenzene	ND		8.8	ug/m3			12/03/19 05:37	1.07
o-Xylene	ND		2.3	ug/m3			12/03/19 05:37	1.07
m,p-Xylene	ND		9.3	ug/m3			12/03/19 05:37	1.07
sec-Butylbenzene	ND		8.8	ug/m3			12/03/19 05:37	1.07
Styrene	ND		6.8	ug/m3			12/03/19 05:37	1.07
trans-1,2-Dichloroethene	ND		2.1	ug/m3			12/03/19 05:37	1.07
trans-1,3-Dichloropropene	ND		4.9	ug/m3			12/03/19 05:37	1.07
Tert-amyl methyl ether	ND		8.9	ug/m3			12/03/19 05:37	1.07
tert-Butyl alcohol (TBA)	ND		6.5	ug/m3			12/03/19 05:37	1.07
tert-Butylbenzene	ND		8.8	ug/m3			12/03/19 05:37	1.07
Tetrachloroethene	**4.3**		3.6	ug/m3			12/03/19 05:37	1.07
Toluene	**2.0**		2.0	ug/m3			12/03/19 05:37	1.07
Trichloroethene	ND		2.9	ug/m3			12/03/19 05:37	1.07
Trichlorofluoromethane	ND		6.0	ug/m3			12/03/19 05:37	1.07
Vinyl acetate	ND		7.5	ug/m3			12/03/19 05:37	1.07
Vinyl chloride	ND		1.4	ug/m3			12/03/19 05:37	1.07
Naphthalene	ND		7.0	ug/m3			12/03/19 05:37	1.07

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*130*		*67 - 133*		*12/03/19 05:37*	*1.07*
4-Bromofluorobenzene (Surr)	*111*		*68 - 134*		*12/03/19 05:37*	*1.07*
Toluene-d8 (Surr)	*111*		*70 - 130*		*12/03/19 05:37*	*1.07*

Client Sample ID: B24 — **Lab Sample ID: 570-14010-12**
Date Collected: 11/26/19 12:12 — **Matrix: Air**
Date Received: 11/26/19 16:27

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.7	ug/m3			12/01/19 01:12	1
1,1,2,2-Tetrachloroethane	ND		6.9	ug/m3			12/01/19 01:12	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11	ug/m3			12/01/19 01:12	1
1,1,2-Trichloroethane	ND		2.7	ug/m3			12/01/19 01:12	1
1,1-Dichloroethane	ND		2.0	ug/m3			12/01/19 01:12	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: B24
Date Collected: 11/26/19 12:12
Date Received: 11/26/19 16:27

Lab Sample ID: 570-14010-12
Matrix: Air

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	ND		2.0	ug/m3			12/01/19 01:12	1
1,1-Difluoroethane	ND		5.4	ug/m3			12/01/19 01:12	1
1,2,4-Trichlorobenzene	ND		15	ug/m3			12/01/19 01:12	1
1,2,4-Trimethylbenzene	ND		7.4	ug/m3			12/01/19 01:12	1
1,2-Dibromo-3-Chloropropane	ND		14	ug/m3			12/01/19 01:12	1
1,2-Dibromoethane	ND		3.8	ug/m3			12/01/19 01:12	1
1,2-Dichlorobenzene	ND		3.0	ug/m3			12/01/19 01:12	1
1,2-Dichloroethane	ND		2.0	ug/m3			12/01/19 01:12	1
1,2-Dichloropropane	ND		2.3	ug/m3			12/01/19 01:12	1
1,3,5-Trimethylbenzene	ND		2.5	ug/m3			12/01/19 01:12	1
1,3-Dichlorobenzene	ND		3.0	ug/m3			12/01/19 01:12	1
1,4-Dichlorobenzene	ND		3.0	ug/m3			12/01/19 01:12	1
2-Butanone	ND		4.4	ug/m3			12/01/19 01:12	1
2-Hexanone	ND		6.1	ug/m3			12/01/19 01:12	1
4-Ethyltoluene	ND		2.5	ug/m3			12/01/19 01:12	1
4-Methyl-2-pentanone	ND		6.1	ug/m3			12/01/19 01:12	1
Acetone	**16**		4.8	ug/m3			12/01/19 01:12	1
Benzene	ND		1.6	ug/m3			12/01/19 01:12	1
Benzyl chloride	ND		7.8	ug/m3			12/01/19 01:12	1
Bromodichloromethane	ND		3.4	ug/m3			12/01/19 01:12	1
Bromoform	ND		5.2	ug/m3			12/01/19 01:12	1
Bromomethane	ND		1.9	ug/m3			12/01/19 01:12	1
cis-1,2-Dichloroethene	ND		2.0	ug/m3			12/01/19 01:12	1
cis-1,3-Dichloropropene	ND		2.3	ug/m3			12/01/19 01:12	1
Carbon disulfide	ND		6.2	ug/m3			12/01/19 01:12	1
Carbon tetrachloride	ND		3.1	ug/m3			12/01/19 01:12	1
Chlorobenzene	ND		2.3	ug/m3			12/01/19 01:12	1
Chloroethane	ND		1.3	ug/m3			12/01/19 01:12	1
Chloroform	ND		2.4	ug/m3			12/01/19 01:12	1
Chloromethane	ND		1.0	ug/m3			12/01/19 01:12	1
Dibromochloromethane	ND		4.3	ug/m3			12/01/19 01:12	1
Dichlorodifluoromethane	ND		2.5	ug/m3			12/01/19 01:12	1
Dichlorotetrafluoroethane	ND		14	ug/m3			12/01/19 01:12	1
Di-isopropyl ether (DIPE)	ND		8.4	ug/m3			12/01/19 01:12	1
Ethylbenzene	ND		2.2	ug/m3			12/01/19 01:12	1
Ethyl-t-butyl ether (ETBE)	ND		8.4	ug/m3			12/01/19 01:12	1
Hexachloro-1,3-butadiene	ND		16	ug/m3			12/01/19 01:12	1
Isopropanol	**33**		12	ug/m3			12/01/19 01:12	1
Methylene Chloride	ND		17	ug/m3			12/01/19 01:12	1
Methyl-t-Butyl Ether (MTBE)	ND		7.2	ug/m3			12/01/19 01:12	1
n-Butylbenzene	ND		8.2	ug/m3			12/01/19 01:12	1
o-Xylene	ND		2.2	ug/m3			12/01/19 01:12	1
m,p-Xylene	ND		8.7	ug/m3			12/01/19 01:12	1
sec-Butylbenzene	ND		8.2	ug/m3			12/01/19 01:12	1
Styrene	ND		6.4	ug/m3			12/01/19 01:12	1
trans-1,2-Dichloroethene	ND		2.0	ug/m3			12/01/19 01:12	1
trans-1,3-Dichloropropene	ND		4.5	ug/m3			12/01/19 01:12	1
Tert-amyl methyl ether	ND		8.4	ug/m3			12/01/19 01:12	1
tert-Butyl alcohol (TBA)	ND		6.1	ug/m3			12/01/19 01:12	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: B24
Date Collected: 11/26/19 12:12
Date Received: 11/26/19 16:27

Lab Sample ID: 570-14010-12
Matrix: Air

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	ND		8.2	ug/m3			12/01/19 01:12	1
Tetrachloroethene	**6.1**		3.4	ug/m3			12/01/19 01:12	1
Toluene	**2.2**		1.9	ug/m3			12/01/19 01:12	1
Trichloroethene	ND		2.7	ug/m3			12/01/19 01:12	1
Trichlorofluoromethane	ND		5.6	ug/m3			12/01/19 01:12	1
Vinyl acetate	ND		7.0	ug/m3			12/01/19 01:12	1
Vinyl chloride	ND		1.3	ug/m3			12/01/19 01:12	1
Naphthalene	ND		6.6	ug/m3			12/01/19 01:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*91*		*67 - 133*		*12/01/19 01:12*	*1*
4-Bromofluorobenzene (Surr)	*102*		*68 - 134*		*12/01/19 01:12*	*1*
Toluene-d8 (Surr)	*107*		*70 - 130*		*12/01/19 01:12*	*1*

Client Sample ID: B25
Date Collected: 11/26/19 12:00
Date Received: 11/26/19 16:27

Lab Sample ID: 570-14010-13
Matrix: Air

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.7	ug/m3			12/01/19 02:02	1
1,1,2,2-Tetrachloroethane	ND		6.9	ug/m3			12/01/19 02:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11	ug/m3			12/01/19 02:02	1
1,1,2-Trichloroethane	ND		2.7	ug/m3			12/01/19 02:02	1
1,1-Dichloroethane	ND		2.0	ug/m3			12/01/19 02:02	1
1,1-Dichloroethene	ND		2.0	ug/m3			12/01/19 02:02	1
1,1-Difluoroethane	ND		5.4	ug/m3			12/01/19 02:02	1
1,2,4-Trichlorobenzene	ND		15	ug/m3			12/01/19 02:02	1
1,2,4-Trimethylbenzene	ND		7.4	ug/m3			12/01/19 02:02	1
1,2-Dibromo-3-Chloropropane	ND		14	ug/m3			12/01/19 02:02	1
1,2-Dibromoethane	ND		3.8	ug/m3			12/01/19 02:02	1
1,2-Dichlorobenzene	ND		3.0	ug/m3			12/01/19 02:02	1
1,2-Dichloroethane	ND		2.0	ug/m3			12/01/19 02:02	1
1,2-Dichloropropane	ND		2.3	ug/m3			12/01/19 02:02	1
1,3,5-Trimethylbenzene	ND		2.5	ug/m3			12/01/19 02:02	1
1,3-Dichlorobenzene	ND		3.0	ug/m3			12/01/19 02:02	1
1,4-Dichlorobenzene	ND		3.0	ug/m3			12/01/19 02:02	1
2-Butanone	ND		4.4	ug/m3			12/01/19 02:02	1
2-Hexanone	ND		6.1	ug/m3			12/01/19 02:02	1
4-Ethyltoluene	ND		2.5	ug/m3			12/01/19 02:02	1
4-Methyl-2-pentanone	ND		6.1	ug/m3			12/01/19 02:02	1
Acetone	**9.3**		4.8	ug/m3			12/01/19 02:02	1
Benzene	ND		1.6	ug/m3			12/01/19 02:02	1
Benzyl chloride	ND		7.8	ug/m3			12/01/19 02:02	1
Bromodichloromethane	ND		3.4	ug/m3			12/01/19 02:02	1
Bromoform	ND		5.2	ug/m3			12/01/19 02:02	1
Bromomethane	ND		1.9	ug/m3			12/01/19 02:02	1
cis-1,2-Dichloroethene	ND		2.0	ug/m3			12/01/19 02:02	1
cis-1,3-Dichloropropene	ND		2.3	ug/m3			12/01/19 02:02	1
Carbon disulfide	ND		6.2	ug/m3			12/01/19 02:02	1
Carbon tetrachloride	ND		3.1	ug/m3			12/01/19 02:02	1
Chlorobenzene	ND		2.3	ug/m3			12/01/19 02:02	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: B25
Date Collected: 11/26/19 12:00
Date Received: 11/26/19 16:27

Lab Sample ID: 570-14010-13
Matrix: Air

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	ND		1.3	ug/m3			12/01/19 02:02	1
Chloroform	ND		2.4	ug/m3			12/01/19 02:02	1
Chloromethane	**1.1**		1.0	ug/m3			12/01/19 02:02	1
Dibromochloromethane	ND		4.3	ug/m3			12/01/19 02:02	1
Dichlorodifluoromethane	**2.8**		2.5	ug/m3			12/01/19 02:02	1
Dichlorotetrafluoroethane	ND		14	ug/m3			12/01/19 02:02	1
Di-isopropyl ether (DIPE)	ND		8.4	ug/m3			12/01/19 02:02	1
Ethylbenzene	ND		2.2	ug/m3			12/01/19 02:02	1
Ethyl-t-butyl ether (ETBE)	ND		8.4	ug/m3			12/01/19 02:02	1
Hexachloro-1,3-butadiene	ND		16	ug/m3			12/01/19 02:02	1
Isopropanol	**14**		12	ug/m3			12/01/19 02:02	1
Methylene Chloride	ND		17	ug/m3			12/01/19 02:02	1
Methyl-t-Butyl Ether (MTBE)	ND		7.2	ug/m3			12/01/19 02:02	1
n-Butylbenzene	ND		8.2	ug/m3			12/01/19 02:02	1
o-Xylene	ND		2.2	ug/m3			12/01/19 02:02	1
m,p-Xylene	ND		8.7	ug/m3			12/01/19 02:02	1
sec-Butylbenzene	ND		8.2	ug/m3			12/01/19 02:02	1
Styrene	ND		6.4	ug/m3			12/01/19 02:02	1
trans-1,2-Dichloroethene	ND		2.0	ug/m3			12/01/19 02:02	1
trans-1,3-Dichloropropene	ND		4.5	ug/m3			12/01/19 02:02	1
Tert-amyl methyl ether	ND		8.4	ug/m3			12/01/19 02:02	1
tert-Butyl alcohol (TBA)	ND		6.1	ug/m3			12/01/19 02:02	1
tert-Butylbenzene	ND		8.2	ug/m3			12/01/19 02:02	1
Tetrachloroethene	ND		3.4	ug/m3			12/01/19 02:02	1
Toluene	ND		1.9	ug/m3			12/01/19 02:02	1
Trichloroethene	ND		2.7	ug/m3			12/01/19 02:02	1
Trichlorofluoromethane	ND		5.6	ug/m3			12/01/19 02:02	1
Vinyl acetate	ND		7.0	ug/m3			12/01/19 02:02	1
Vinyl chloride	ND		1.3	ug/m3			12/01/19 02:02	1
Naphthalene	ND		6.6	ug/m3			12/01/19 02:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*88*		*67 - 133*		*12/01/19 02:02*	*1*
4-Bromofluorobenzene (Surr)	*100*		*68 - 134*		*12/01/19 02:02*	*1*
Toluene-d8 (Surr)	*116*		*70 - 130*		*12/01/19 02:02*	*1*

Client Sample ID: B26
Date Collected: 11/26/19 11:44
Date Received: 11/26/19 16:27

Lab Sample ID: 570-14010-14
Matrix: Air

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.7	ug/m3			12/01/19 02:53	1
1,1,2,2-Tetrachloroethane	ND		6.9	ug/m3			12/01/19 02:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11	ug/m3			12/01/19 02:53	1
1,1,2-Trichloroethane	ND		2.7	ug/m3			12/01/19 02:53	1
1,1-Dichloroethane	ND		2.0	ug/m3			12/01/19 02:53	1
1,1-Dichloroethene	ND		2.0	ug/m3			12/01/19 02:53	1
1,1-Difluoroethane	ND		5.4	ug/m3			12/01/19 02:53	1
1,2,4-Trichlorobenzene	ND		15	ug/m3			12/01/19 02:53	1
1,2,4-Trimethylbenzene	ND		7.4	ug/m3			12/01/19 02:53	1
1,2-Dibromo-3-Chloropropane	ND		14	ug/m3			12/01/19 02:53	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: B26
Date Collected: 11/26/19 11:44
Date Received: 11/26/19 16:27

Lab Sample ID: 570-14010-14
Matrix: Air

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dibromoethane	ND		3.8	ug/m3			12/01/19 02:53	1
1,2-Dichlorobenzene	ND		3.0	ug/m3			12/01/19 02:53	1
1,2-Dichloroethane	ND		2.0	ug/m3			12/01/19 02:53	1
1,2-Dichloropropane	ND		2.3	ug/m3			12/01/19 02:53	1
1,3,5-Trimethylbenzene	ND		2.5	ug/m3			12/01/19 02:53	1
1,3-Dichlorobenzene	ND		3.0	ug/m3			12/01/19 02:53	1
1,4-Dichlorobenzene	ND		3.0	ug/m3			12/01/19 02:53	1
2-Butanone	ND		4.4	ug/m3			12/01/19 02:53	1
2-Hexanone	ND		6.1	ug/m3			12/01/19 02:53	1
4-Ethyltoluene	ND		2.5	ug/m3			12/01/19 02:53	1
4-Methyl-2-pentanone	ND		6.1	ug/m3			12/01/19 02:53	1
Acetone	**13**		4.8	ug/m3			12/01/19 02:53	1
Benzene	ND		1.6	ug/m3			12/01/19 02:53	1
Benzyl chloride	ND		7.8	ug/m3			12/01/19 02:53	1
Bromodichloromethane	ND		3.4	ug/m3			12/01/19 02:53	1
Bromoform	ND		5.2	ug/m3			12/01/19 02:53	1
Bromomethane	ND		1.9	ug/m3			12/01/19 02:53	1
cis-1,2-Dichloroethene	ND		2.0	ug/m3			12/01/19 02:53	1
cis-1,3-Dichloropropene	ND		2.3	ug/m3			12/01/19 02:53	1
Carbon disulfide	ND		6.2	ug/m3			12/01/19 02:53	1
Carbon tetrachloride	ND		3.1	ug/m3			12/01/19 02:53	1
Chlorobenzene	ND		2.3	ug/m3			12/01/19 02:53	1
Chloroethane	ND		1.3	ug/m3			12/01/19 02:53	1
Chloroform	ND		2.4	ug/m3			12/01/19 02:53	1
Chloromethane	ND		1.0	ug/m3			12/01/19 02:53	1
Dibromochloromethane	ND		4.3	ug/m3			12/01/19 02:53	1
Dichlorodifluoromethane	ND		2.5	ug/m3			12/01/19 02:53	1
Dichlorotetrafluoroethane	ND		14	ug/m3			12/01/19 02:53	1
Di-isopropyl ether (DIPE)	ND		8.4	ug/m3			12/01/19 02:53	1
Ethylbenzene	ND		2.2	ug/m3			12/01/19 02:53	1
Ethyl-t-butyl ether (ETBE)	ND		8.4	ug/m3			12/01/19 02:53	1
Hexachloro-1,3-butadiene	ND		16	ug/m3			12/01/19 02:53	1
Isopropanol	**31**		12	ug/m3			12/01/19 02:53	1
Methylene Chloride	ND		17	ug/m3			12/01/19 02:53	1
Methyl-t-Butyl Ether (MTBE)	ND		7.2	ug/m3			12/01/19 02:53	1
n-Butylbenzene	ND		8.2	ug/m3			12/01/19 02:53	1
o-Xylene	ND		2.2	ug/m3			12/01/19 02:53	1
m,p-Xylene	ND		8.7	ug/m3			12/01/19 02:53	1
sec-Butylbenzene	ND		8.2	ug/m3			12/01/19 02:53	1
Styrene	ND		6.4	ug/m3			12/01/19 02:53	1
trans-1,2-Dichloroethene	ND		2.0	ug/m3			12/01/19 02:53	1
trans-1,3-Dichloropropene	ND		4.5	ug/m3			12/01/19 02:53	1
Tert-amyl methyl ether	ND		8.4	ug/m3			12/01/19 02:53	1
tert-Butyl alcohol (TBA)	ND		6.1	ug/m3			12/01/19 02:53	1
tert-Butylbenzene	ND		8.2	ug/m3			12/01/19 02:53	1
Tetrachloroethene	ND		3.4	ug/m3			12/01/19 02:53	1
Toluene	ND		1.9	ug/m3			12/01/19 02:53	1
Trichloroethene	ND		2.7	ug/m3			12/01/19 02:53	1
Trichlorofluoromethane	ND		5.6	ug/m3			12/01/19 02:53	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Client Sample ID: B26
Date Collected: 11/26/19 11:44
Date Received: 11/26/19 16:27

Lab Sample ID: 570-14010-14
Matrix: Air

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl acetate	ND		7.0	ug/m3			12/01/19 02:53	1
Vinyl chloride	ND		1.3	ug/m3			12/01/19 02:53	1
Naphthalene	ND		6.6	ug/m3			12/01/19 02:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*67 - 133*		*12/01/19 02:53*	*1*
4-Bromofluorobenzene (Surr)	*98*		*68 - 134*		*12/01/19 02:53*	*1*
Toluene-d8 (Surr)	*106*		*70 - 130*		*12/01/19 02:53*	*1*

Surrogate Summary

Client: Frey Environmental
Project/Site: 759-13

Job ID: 570-14010-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Matrix: Air **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	DCA (67-133)	BFB (68-134)	TOL (70-130)
570-14010-1	B2	115	112	104
570-14010-2	B4	116	115	106
570-14010-3	B6	122	114	107
570-14010-4	B8	100	103	100
570-14010-5	B11	116	114	105
570-14010-6	B12	126	120	108
570-14010-7	B18	123	108	106
570-14010-8	B20M	122	115	115
570-14010-9	B21	127	116	110
570-14010-10	B22	99	101	100
570-14010-11	B23	130	111	111
570-14010-12	B24	91	102	107
570-14010-13	B25	88	100	116
570-14010-14	B26	93	98	106
LCS 570-36167/3	Lab Control Sample	113	106	108
LCS 570-36170/3	Lab Control Sample	95	99	98
LCS 570-36387/3	Lab Control Sample	93	94	101
LCSD 570-36167/4	Lab Control Sample Dup	113	106	109
LCSD 570-36170/4	Lab Control Sample Dup	94	97	99
LCSD 570-36387/4	Lab Control Sample Dup	93	94	101
MB 570-36167/6	Method Blank	119	112	104
MB 570-36170/5	Method Blank	96	92	96
MB 570-36387/6	Method Blank	97	94	100

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Lab Sample ID: MB 570-36167/6
Matrix: Air
Analysis Batch: 36167

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.7		ug/m3			12/02/19 14:39	1
1,1,2,2-Tetrachloroethane	ND		6.9		ug/m3			12/02/19 14:39	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11		ug/m3			12/02/19 14:39	1
1,1,2-Trichloroethane	ND		2.7		ug/m3			12/02/19 14:39	1
1,1-Dichloroethane	ND		2.0		ug/m3			12/02/19 14:39	1
1,1-Dichloroethene	ND		2.0		ug/m3			12/02/19 14:39	1
1,1-Difluoroethane	ND		5.4		ug/m3			12/02/19 14:39	1
1,2,4-Trichlorobenzene	ND		15		ug/m3			12/02/19 14:39	1
1,2,4-Trimethylbenzene	ND		7.4		ug/m3			12/02/19 14:39	1
1,2-Dibromo-3-Chloropropane	ND		14		ug/m3			12/02/19 14:39	1
1,2-Dibromoethane	ND		3.8		ug/m3			12/02/19 14:39	1
1,2-Dichlorobenzene	ND		3.0		ug/m3			12/02/19 14:39	1
1,2-Dichloroethane	ND		2.0		ug/m3			12/02/19 14:39	1
1,2-Dichloropropane	ND		2.3		ug/m3			12/02/19 14:39	1
1,3,5-Trimethylbenzene	ND		2.5		ug/m3			12/02/19 14:39	1
1,3-Dichlorobenzene	ND		3.0		ug/m3			12/02/19 14:39	1
1,4-Dichlorobenzene	ND		3.0		ug/m3			12/02/19 14:39	1
2-Butanone	ND		4.4		ug/m3			12/02/19 14:39	1
2-Hexanone	ND		6.1		ug/m3			12/02/19 14:39	1
4-Ethyltoluene	ND		2.5		ug/m3			12/02/19 14:39	1
4-Methyl-2-pentanone	ND		6.1		ug/m3			12/02/19 14:39	1
Acetone	ND		4.8		ug/m3			12/02/19 14:39	1
Benzene	ND		1.6		ug/m3			12/02/19 14:39	1
Benzyl chloride	ND		7.8		ug/m3			12/02/19 14:39	1
Bromodichloromethane	ND		3.4		ug/m3			12/02/19 14:39	1
Bromoform	ND		5.2		ug/m3			12/02/19 14:39	1
Bromomethane	ND		1.9		ug/m3			12/02/19 14:39	1
cis-1,2-Dichloroethene	ND		2.0		ug/m3			12/02/19 14:39	1
cis-1,3-Dichloropropene	ND		2.3		ug/m3			12/02/19 14:39	1
Carbon disulfide	ND		6.2		ug/m3			12/02/19 14:39	1
Carbon tetrachloride	ND		3.1		ug/m3			12/02/19 14:39	1
Chlorobenzene	ND		2.3		ug/m3			12/02/19 14:39	1
Chloroethane	ND		1.3		ug/m3			12/02/19 14:39	1
Chloroform	ND		2.4		ug/m3			12/02/19 14:39	1
Chloromethane	ND		1.0		ug/m3			12/02/19 14:39	1
Dibromochloromethane	ND		4.3		ug/m3			12/02/19 14:39	1
Dichlorodifluoromethane	ND		2.5		ug/m3			12/02/19 14:39	1
Dichlorotetrafluoroethane	ND		14		ug/m3			12/02/19 14:39	1
Di-isopropyl ether (DIPE)	ND		8.4		ug/m3			12/02/19 14:39	1
Ethylbenzene	ND		2.2		ug/m3			12/02/19 14:39	1
Ethyl-t-butyl ether (ETBE)	ND		8.4		ug/m3			12/02/19 14:39	1
Hexachloro-1,3-butadiene	ND		16		ug/m3			12/02/19 14:39	1
Isopropanol	ND		12		ug/m3			12/02/19 14:39	1
Methylene Chloride	ND		17		ug/m3			12/02/19 14:39	1
Methyl-t-Butyl Ether (MTBE)	ND		7.2		ug/m3			12/02/19 14:39	1
n-Butylbenzene	ND		8.2		ug/m3			12/02/19 14:39	1
o-Xylene	ND		2.2		ug/m3			12/02/19 14:39	1
m,p-Xylene	ND		8.7		ug/m3			12/02/19 14:39	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 570-36167/6
Matrix: Air
Analysis Batch: 36167

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		8.2	ug/m3			12/02/19 14:39	1
Styrene	ND		6.4	ug/m3			12/02/19 14:39	1
trans-1,2-Dichloroethene	ND		2.0	ug/m3			12/02/19 14:39	1
trans-1,3-Dichloropropene	ND		4.5	ug/m3			12/02/19 14:39	1
Tert-amyl methyl ether	ND		8.4	ug/m3			12/02/19 14:39	1
tert-Butyl alcohol (TBA)	ND		6.1	ug/m3			12/02/19 14:39	1
tert-Butylbenzene	ND		8.2	ug/m3			12/02/19 14:39	1
Tetrachloroethene	ND		3.4	ug/m3			12/02/19 14:39	1
Toluene	ND		1.9	ug/m3			12/02/19 14:39	1
Trichloroethene	ND		2.7	ug/m3			12/02/19 14:39	1
Trichlorofluoromethane	ND		5.6	ug/m3			12/02/19 14:39	1
Vinyl acetate	ND		7.0	ug/m3			12/02/19 14:39	1
Vinyl chloride	ND		1.3	ug/m3			12/02/19 14:39	1
Naphthalene	ND		6.6	ug/m3			12/02/19 14:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*119*		*67 - 133*		*12/02/19 14:39*	*1*
4-Bromofluorobenzene (Surr)	*112*		*68 - 134*		*12/02/19 14:39*	*1*
Toluene-d8 (Surr)	*104*		*70 - 130*		*12/02/19 14:39*	*1*

Lab Sample ID: LCS 570-36167/3
Matrix: Air
Analysis Batch: 36167

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	136	133.6		ug/m3		98	70 - 130
1,1,2,2-Tetrachloroethane	172	152.4		ug/m3		89	63 - 130
1,1,2-Trichloro-1,2,2-trifluoroetha ne	192	170.9		ug/m3		89	70 - 136
1,1,2-Trichloroethane	136	128.9		ug/m3		95	70 - 130
1,1-Dichloroethane	101	90.66		ug/m3		90	70 - 130
1,1-Dichloroethene	99.1	90.16		ug/m3		91	70 - 135
1,1-Difluoroethane	67.5	70.31		ug/m3		104	70 - 131
1,2,4-Trichlorobenzene	186	132.9		ug/m3		72	31 - 151
1,2,4-Trimethylbenzene	123	105.9		ug/m3		86	60 - 132
1,2-Dibromo-3-Chloropropane	242	197.7		ug/m3		82	60 - 140
1,2-Dibromoethane	192	175.3		ug/m3		91	70 - 133
1,2-Dichlorobenzene	150	116.9		ug/m3		78	48 - 138
1,2-Dichloroethane	101	96.63		ug/m3		96	70 - 132
1,2-Dichloropropane	116	109.3		ug/m3		95	70 - 130
1,3,5-Trimethylbenzene	123	106.1		ug/m3		86	62 - 130
1,3-Dichlorobenzene	150	121.2		ug/m3		81	56 - 134
1,4-Dichlorobenzene	150	118.1		ug/m3		79	52 - 136
2-Butanone	73.7	66.89		ug/m3		91	66 - 132
2-Hexanone	102	100.8		ug/m3		98	70 - 136
4-Ethyltoluene	123	104.2		ug/m3		85	68 - 130
4-Methyl-2-pentanone	102	101.2		ug/m3		99	70 - 130
Acetone	59.4	55.13		ug/m3		93	67 - 133
Benzene	79.9	80.27		ug/m3		101	70 - 130

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 570-36167/3
Matrix: Air
Analysis Batch: 36167

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzyl chloride	129	108.6		ug/m3		84	38 - 158
Bromodichloromethane	168	161.7		ug/m3		97	70 - 130
Bromoform	258	245.6		ug/m3		95	63 - 147
Bromomethane	97.1	96.81		ug/m3		100	70 - 139
cis-1,2-Dichloroethene	99.1	89.98		ug/m3		91	70 - 130
cis-1,3-Dichloropropene	113	99.73		ug/m3		88	70 - 130
Carbon disulfide	77.9	77.32		ug/m3		99	68 - 146
Carbon tetrachloride	157	146.5		ug/m3		93	70 - 136
Chlorobenzene	115	98.42		ug/m3		86	70 - 130
Chloroethane	66.0	62.51		ug/m3		95	65 - 149
Chloroform	122	117.6		ug/m3		96	70 - 130
Chloromethane	51.6	53.32		ug/m3		103	69 - 141
Dibromochloromethane	213	187.2		ug/m3		88	70 - 138
Dichlorodifluoromethane	124	126.6		ug/m3		102	67 - 139
Dichlorotetrafluoroethane	175	172.3		ug/m3		99	51 - 135
Di-isopropyl ether (DIPE)	104	97.14		ug/m3		93	63 - 130
Ethylbenzene	109	101.1		ug/m3		93	70 - 130
Ethyl-t-butyl ether (ETBE)	104	99.05		ug/m3		95	67 - 130
Hexachloro-1,3-butadiene	267	215.5		ug/m3		81	44 - 146
Isopropanol	61.5	54.36		ug/m3		88	57 - 135
Methylene Chloride	86.8	82.75		ug/m3		95	69 - 130
Methyl-t-Butyl Ether (MTBE)	90.1	81.74		ug/m3		91	68 - 130
n-Butylbenzene	137	121.9		ug/m3		89	50 - 150
o-Xylene	109	100.6		ug/m3		93	69 - 130
m,p-Xylene	217	200.4		ug/m3		92	70 - 132
sec-Butylbenzene	137	117.1		ug/m3		85	50 - 150
Styrene	106	95.45		ug/m3		90	65 - 131
trans-1,2-Dichloroethene	99.1	94.91		ug/m3		96	70 - 130
trans-1,3-Dichloropropene	113	104.6		ug/m3		92	70 - 147
Tert-amyl methyl ether	104	95.28		ug/m3		91	69 - 130
tert-Butyl alcohol (TBA)	152	141.6		ug/m3		93	66 - 144
tert-Butylbenzene	137	118.7		ug/m3		87	50 - 150
Tetrachloroethene	170	157.5		ug/m3		93	70 - 130
Toluene	94.2	88.47		ug/m3		94	70 - 130
Trichloroethene	134	126.5		ug/m3		94	70 - 130
Trichlorofluoromethane	140	134.8		ug/m3		96	63 - 141
Vinyl acetate	88.0	78.58		ug/m3		89	58 - 130
Vinyl chloride	63.9	61.85		ug/m3		97	70 - 134
Naphthalene	131	89.23		ug/m3		68	24 - 144

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*113*		*67 - 133*
4-Bromofluorobenzene (Surr)	*106*		*68 - 134*
Toluene-d8 (Surr)	*108*		*70 - 130*

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCSD 570-36167/4
Matrix: Air
Analysis Batch: 36167

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	136	137.3		ug/m3		101	70 - 130	3	30
1,1,2,2-Tetrachloroethane	172	153.9		ug/m3		90	63 - 130	1	30
1,1,2-Trichloro-1,2,2-trifluoroethane	192	172.3		ug/m3		90	70 - 136	1	30
1,1,2-Trichloroethane	136	133.1		ug/m3		98	70 - 130	3	30
1,1-Dichloroethane	101	100.8		ug/m3		100	70 - 130	11	30
1,1-Dichloroethene	99.1	86.65		ug/m3		87	70 - 135	4	30
1,1-Difluoroethane	67.5	69.89		ug/m3		103	70 - 131	1	30
1,2,4-Trichlorobenzene	186	137.2		ug/m3		74	31 - 151	3	30
1,2,4-Trimethylbenzene	123	108.0		ug/m3		88	60 - 132	2	30
1,2-Dibromo-3-Chloropropane	242	201.7		ug/m3		83	60 - 140	2	35
1,2-Dibromoethane	192	178.2		ug/m3		93	70 - 133	2	30
1,2-Dichlorobenzene	150	118.9		ug/m3		79	48 - 138	2	30
1,2-Dichloroethane	101	98.86		ug/m3		98	70 - 132	2	30
1,2-Dichloropropane	116	110.3		ug/m3		96	70 - 130	1	30
1,3,5-Trimethylbenzene	123	107.7		ug/m3		88	62 - 130	1	30
1,3-Dichlorobenzene	150	123.7		ug/m3		82	56 - 134	2	30
1,4-Dichlorobenzene	150	119.7		ug/m3		80	52 - 136	1	30
2-Butanone	73.7	74.37		ug/m3		101	66 - 132	11	30
2-Hexanone	102	101.1		ug/m3		99	70 - 136	0	30
4-Ethyltoluene	123	105.8		ug/m3		86	68 - 130	2	30
4-Methyl-2-pentanone	102	103.9		ug/m3		101	70 - 130	3	30
Acetone	59.4	51.80		ug/m3		87	67 - 133	6	30
Benzene	79.9	81.82		ug/m3		102	70 - 130	2	30
Benzyl chloride	129	109.3		ug/m3		84	38 - 158	1	30
Bromodichloromethane	168	164.1		ug/m3		98	70 - 130	1	30
Bromoform	258	249.6		ug/m3		97	63 - 147	2	30
Bromomethane	97.1	96.63		ug/m3		100	70 - 139	0	30
cis-1,2-Dichloroethene	99.1	97.07		ug/m3		98	70 - 130	8	30
cis-1,3-Dichloropropene	113	102.0		ug/m3		90	70 - 130	2	30
Carbon disulfide	77.9	76.62		ug/m3		98	68 - 146	1	30
Carbon tetrachloride	157	149.1		ug/m3		95	70 - 136	2	30
Chlorobenzene	115	99.84		ug/m3		87	70 - 130	1	30
Chloroethane	66.0	61.35		ug/m3		93	65 - 149	2	30
Chloroform	122	120.1		ug/m3		98	70 - 130	2	30
Chloromethane	51.6	54.56		ug/m3		106	69 - 141	2	30
Dibromochloromethane	213	190.9		ug/m3		90	70 - 138	2	30
Dichlorodifluoromethane	124	125.6		ug/m3		102	67 - 139	1	30
Dichlorotetrafluoroethane	175	176.2		ug/m3		101	51 - 135	2	30
Di-isopropyl ether (DIPE)	104	98.27		ug/m3		94	63 - 130	1	30
Ethylbenzene	109	101.8		ug/m3		94	70 - 130	1	30
Ethyl-t-butyl ether (ETBE)	104	101.2		ug/m3		97	67 - 130	2	30
Hexachloro-1,3-butadiene	267	224.3		ug/m3		84	44 - 146	4	30
Isopropanol	61.5	51.90		ug/m3		84	57 - 135	5	30
Methylene Chloride	86.8	81.00		ug/m3		93	69 - 130	2	30
Methyl-t-Butyl Ether (MTBE)	90.1	89.18		ug/m3		99	68 - 130	9	30
n-Butylbenzene	137	123.2		ug/m3		90	50 - 150	1	30
o-Xylene	109	101.4		ug/m3		93	69 - 130	1	30
m,p-Xylene	217	202.8		ug/m3		93	70 - 132	1	30

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCSD 570-36167/4
Matrix: Air
Analysis Batch: 36167

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
sec-Butylbenzene	137	118.5		ug/m3		86	50 - 150	1	30
Styrene	106	96.37		ug/m3		90	65 - 131	1	30
trans-1,2-Dichloroethene	99.1	103.3		ug/m3		104	70 - 130	8	30
trans-1,3-Dichloropropene	113	107.0		ug/m3		94	70 - 147	2	30
Tert-amyl methyl ether	104	95.55		ug/m3		91	69 - 130	0	30
tert-Butyl alcohol (TBA)	152	135.0		ug/m3		89	66 - 144	5	30
tert-Butylbenzene	137	121.1		ug/m3		88	50 - 150	2	30
Tetrachloroethene	170	160.1		ug/m3		94	70 - 130	2	30
Toluene	94.2	89.83		ug/m3		95	70 - 130	2	30
Trichloroethene	134	127.8		ug/m3		95	70 - 130	1	30
Trichlorofluoromethane	140	131.9		ug/m3		94	63 - 141	2	30
Vinyl acetate	88.0	87.63		ug/m3		100	58 - 130	11	30
Vinyl chloride	63.9	62.13		ug/m3		97	70 - 134	0	30
Naphthalene	131	91.92		ug/m3		70	24 - 144	3	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*113*		*67 - 133*
4-Bromofluorobenzene (Surr)	*106*		*68 - 134*
Toluene-d8 (Surr)	*109*		*70 - 130*

Lab Sample ID: MB 570-36170/5
Matrix: Air
Analysis Batch: 36170

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.7	ug/m3			11/30/19 13:24	1
1,1,2,2-Tetrachloroethane	ND		6.9	ug/m3			11/30/19 13:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11	ug/m3			11/30/19 13:24	1
1,1,2-Trichloroethane	ND		2.7	ug/m3			11/30/19 13:24	1
1,1-Dichloroethane	ND		2.0	ug/m3			11/30/19 13:24	1
1,1-Dichloroethene	ND		2.0	ug/m3			11/30/19 13:24	1
1,1-Difluoroethane	ND		5.4	ug/m3			11/30/19 13:24	1
1,2,4-Trichlorobenzene	ND		15	ug/m3			11/30/19 13:24	1
1,2,4-Trimethylbenzene	ND		7.4	ug/m3			11/30/19 13:24	1
1,2-Dibromo-3-Chloropropane	ND		14	ug/m3			11/30/19 13:24	1
1,2-Dibromoethane	ND		3.8	ug/m3			11/30/19 13:24	1
1,2-Dichlorobenzene	ND		3.0	ug/m3			11/30/19 13:24	1
1,2-Dichloroethane	ND		2.0	ug/m3			11/30/19 13:24	1
1,2-Dichloropropane	ND		2.3	ug/m3			11/30/19 13:24	1
1,3,5-Trimethylbenzene	ND		2.5	ug/m3			11/30/19 13:24	1
1,3-Dichlorobenzene	ND		3.0	ug/m3			11/30/19 13:24	1
1,4-Dichlorobenzene	ND		3.0	ug/m3			11/30/19 13:24	1
2-Butanone	ND		4.4	ug/m3			11/30/19 13:24	1
2-Hexanone	ND		6.1	ug/m3			11/30/19 13:24	1
4-Ethyltoluene	ND		2.5	ug/m3			11/30/19 13:24	1
4-Methyl-2-pentanone	ND		6.1	ug/m3			11/30/19 13:24	1
Acetone	ND		4.8	ug/m3			11/30/19 13:24	1
Benzene	ND		1.6	ug/m3			11/30/19 13:24	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 570-36170/5
Matrix: Air
Analysis Batch: 36170

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzyl chloride	ND		7.8		ug/m3			11/30/19 13:24	1
Bromodichloromethane	ND		3.4		ug/m3			11/30/19 13:24	1
Bromoform	ND		5.2		ug/m3			11/30/19 13:24	1
Bromomethane	ND		1.9		ug/m3			11/30/19 13:24	1
cis-1,2-Dichloroethene	ND		2.0		ug/m3			11/30/19 13:24	1
cis-1,3-Dichloropropene	ND		2.3		ug/m3			11/30/19 13:24	1
Carbon disulfide	ND		6.2		ug/m3			11/30/19 13:24	1
Carbon tetrachloride	ND		3.1		ug/m3			11/30/19 13:24	1
Chlorobenzene	ND		2.3		ug/m3			11/30/19 13:24	1
Chloroethane	ND		1.3		ug/m3			11/30/19 13:24	1
Chloroform	ND		2.4		ug/m3			11/30/19 13:24	1
Chloromethane	ND		1.0		ug/m3			11/30/19 13:24	1
Dibromochloromethane	ND		4.3		ug/m3			11/30/19 13:24	1
Dichlorodifluoromethane	ND		2.5		ug/m3			11/30/19 13:24	1
Dichlorotetrafluoroethane	ND		14		ug/m3			11/30/19 13:24	1
Di-isopropyl ether (DIPE)	ND		8.4		ug/m3			11/30/19 13:24	1
Ethylbenzene	ND		2.2		ug/m3			11/30/19 13:24	1
Ethyl-t-butyl ether (ETBE)	ND		8.4		ug/m3			11/30/19 13:24	1
Hexachloro-1,3-butadiene	ND		16		ug/m3			11/30/19 13:24	1
Isopropanol	ND		12		ug/m3			11/30/19 13:24	1
Methylene Chloride	ND		17		ug/m3			11/30/19 13:24	1
Methyl-t-Butyl Ether (MTBE)	ND		7.2		ug/m3			11/30/19 13:24	1
n-Butylbenzene	ND		8.2		ug/m3			11/30/19 13:24	1
o-Xylene	ND		2.2		ug/m3			11/30/19 13:24	1
m,p-Xylene	ND		8.7		ug/m3			11/30/19 13:24	1
sec-Butylbenzene	ND		8.2		ug/m3			11/30/19 13:24	1
Styrene	ND		6.4		ug/m3			11/30/19 13:24	1
trans-1,2-Dichloroethene	ND		2.0		ug/m3			11/30/19 13:24	1
trans-1,3-Dichloropropene	ND		4.5		ug/m3			11/30/19 13:24	1
Tert-amyl methyl ether	ND		8.4		ug/m3			11/30/19 13:24	1
tert-Butyl alcohol (TBA)	ND		6.1		ug/m3			11/30/19 13:24	1
tert-Butylbenzene	ND		8.2		ug/m3			11/30/19 13:24	1
Tetrachloroethene	ND		3.4		ug/m3			11/30/19 13:24	1
Toluene	ND		1.9		ug/m3			11/30/19 13:24	1
Trichloroethene	ND		2.7		ug/m3			11/30/19 13:24	1
Trichlorofluoromethane	ND		5.6		ug/m3			11/30/19 13:24	1
Vinyl acetate	ND		7.0		ug/m3			11/30/19 13:24	1
Vinyl chloride	ND		1.3		ug/m3			11/30/19 13:24	1
Naphthalene	ND		6.6		ug/m3			11/30/19 13:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*96*		*67 - 133*		*11/30/19 13:24*	*1*
4-Bromofluorobenzene (Surr)	*92*		*68 - 134*		*11/30/19 13:24*	*1*
Toluene-d8 (Surr)	*96*		*70 - 130*		*11/30/19 13:24*	*1*

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 570-36170/3
Matrix: Air
Analysis Batch: 36170

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	136	144.3		ug/m3		106	70 - 130
1,1,2,2-Tetrachloroethane	172	188.6		ug/m3		110	63 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	192	197.3		ug/m3		103	70 - 136
1,1,2-Trichloroethane	136	153.7		ug/m3		113	70 - 130
1,1-Dichloroethane	101	108.0		ug/m3		107	70 - 130
1,1-Dichloroethene	99.1	83.44		ug/m3		84	70 - 135
1,1-Difluoroethane	67.5	68.47		ug/m3		101	70 - 131
1,2,4-Trichlorobenzene	186	184.4		ug/m3		99	31 - 151
1,2,4-Trimethylbenzene	123	131.1		ug/m3		107	60 - 132
1,2-Dibromo-3-Chloropropane	242	278.3		ug/m3		115	60 - 140
1,2-Dibromoethane	192	223.4		ug/m3		116	70 - 133
1,2-Dichlorobenzene	150	175.6		ug/m3		117	48 - 138
1,2-Dichloroethane	101	108.3		ug/m3		107	70 - 132
1,2-Dichloropropane	116	128.1		ug/m3		111	70 - 130
1,3,5-Trimethylbenzene	123	130.1		ug/m3		106	62 - 130
1,3-Dichlorobenzene	150	177.3		ug/m3		118	56 - 134
1,4-Dichlorobenzene	150	177.5		ug/m3		118	52 - 136
2-Butanone	73.7	82.32		ug/m3		112	66 - 132
2-Hexanone	102	119.5		ug/m3		117	70 - 136
4-Ethyltoluene	123	133.3		ug/m3		108	68 - 130
4-Methyl-2-pentanone	102	111.1		ug/m3		108	70 - 130
Acetone	59.4	64.37		ug/m3		108	67 - 133
Benzene	79.9	90.48		ug/m3		113	70 - 130
Benzyl chloride	129	141.6		ug/m3		109	38 - 158
Bromodichloromethane	168	185.4		ug/m3		111	70 - 130
Bromoform	258	310.9		ug/m3		120	63 - 147
Bromomethane	97.1	105.7		ug/m3		109	70 - 139
cis-1,2-Dichloroethene	99.1	104.8		ug/m3		106	70 - 130
cis-1,3-Dichloropropene	113	116.9		ug/m3		103	70 - 130
Carbon disulfide	77.9	92.56		ug/m3		119	68 - 146
Carbon tetrachloride	157	176.8		ug/m3		112	70 - 136
Chlorobenzene	115	125.1		ug/m3		109	70 - 130
Chloroethane	66.0	67.84		ug/m3		103	65 - 149
Chloroform	122	129.5		ug/m3		106	70 - 130
Chloromethane	51.6	56.59		ug/m3		110	69 - 141
Dibromochloromethane	213	243.6		ug/m3		114	70 - 138
Dichlorodifluoromethane	124	140.0		ug/m3		113	67 - 139
Dichlorotetrafluoroethane	175	195.7		ug/m3		112	51 - 135
Di-isopropyl ether (DIPE)	104	106.2		ug/m3		102	63 - 130
Ethylbenzene	109	117.6		ug/m3		108	70 - 130
Ethyl-t-butyl ether (ETBE)	104	96.98		ug/m3		93	67 - 130
Hexachloro-1,3-butadiene	267	270.1		ug/m3		101	44 - 146
Isopropanol	61.5	59.75		ug/m3		97	57 - 135
Methylene Chloride	86.8	67.86		ug/m3		78	69 - 130
Methyl-t-Butyl Ether (MTBE)	90.1	89.07		ug/m3		99	68 - 130
n-Butylbenzene	137	143.2		ug/m3		104	50 - 150
o-Xylene	109	119.1		ug/m3		110	69 - 130
m,p-Xylene	217	236.6		ug/m3		109	70 - 132

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 570-36170/3
Matrix: Air
Analysis Batch: 36170

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
sec-Butylbenzene	137	139.3		ug/m3		101	50 - 150
Styrene	106	114.8		ug/m3		108	65 - 131
trans-1,2-Dichloroethene	99.1	111.6		ug/m3		113	70 - 130
trans-1,3-Dichloropropene	113	123.5		ug/m3		109	70 - 147
Tert-amyl methyl ether	104	97.72		ug/m3		94	69 - 130
tert-Butyl alcohol (TBA)	152	124.0		ug/m3		82	66 - 144
tert-Butylbenzene	137	145.3		ug/m3		106	50 - 150
Tetrachloroethene	170	195.0		ug/m3		115	70 - 130
Toluene	94.2	104.3		ug/m3		111	70 - 130
Trichloroethene	134	150.8		ug/m3		112	70 - 130
Trichlorofluoromethane	140	165.9		ug/m3		118	63 - 141
Vinyl acetate	88.0	94.11		ug/m3		107	58 - 130
Vinyl chloride	63.9	66.81		ug/m3		105	70 - 134
Naphthalene	131	126.6		ug/m3		97	24 - 144

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*95*		*67 - 133*
4-Bromofluorobenzene (Surr)	*99*		*68 - 134*
Toluene-d8 (Surr)	*98*		*70 - 130*

Lab Sample ID: LCSD 570-36170/4
Matrix: Air
Analysis Batch: 36170

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	136	143.5		ug/m3		105	70 - 130	1	30
1,1,2,2-Tetrachloroethane	172	185.6		ug/m3		108	63 - 130	2	30
1,1,2-Trichloro-1,2,2-trifluoroetha ne	192	196.9		ug/m3		103	70 - 136	0	30
1,1,2-Trichloroethane	136	154.9		ug/m3		114	70 - 130	1	30
1,1-Dichloroethane	101	108.1		ug/m3		107	70 - 130	0	30
1,1-Dichloroethene	99.1	83.51		ug/m3		84	70 - 135	0	30
1,1-Difluoroethane	67.5	67.67		ug/m3		100	70 - 131	1	30
1,2,4-Trichlorobenzene	186	183.7		ug/m3		99	31 - 151	0	30
1,2,4-Trimethylbenzene	123	130.8		ug/m3		106	60 - 132	0	30
1,2-Dibromo-3-Chloropropane	242	277.2		ug/m3		115	60 - 140	0	35
1,2-Dibromoethane	192	220.0		ug/m3		115	70 - 133	2	30
1,2-Dichlorobenzene	150	174.7		ug/m3		116	48 - 138	1	30
1,2-Dichloroethane	101	107.8		ug/m3		107	70 - 132	0	30
1,2-Dichloropropane	116	128.6		ug/m3		111	70 - 130	0	30
1,3,5-Trimethylbenzene	123	129.8		ug/m3		106	62 - 130	0	30
1,3-Dichlorobenzene	150	176.4		ug/m3		117	56 - 134	1	30
1,4-Dichlorobenzene	150	175.2		ug/m3		117	52 - 136	1	30
2-Butanone	73.7	82.48		ug/m3		112	66 - 132	0	30
2-Hexanone	102	120.4		ug/m3		118	70 - 136	1	30
4-Ethyltoluene	123	132.6		ug/m3		108	68 - 130	1	30
4-Methyl-2-pentanone	102	110.4		ug/m3		108	70 - 130	1	30
Acetone	59.4	64.40		ug/m3		108	67 - 133	0	30
Benzene	79.9	91.82		ug/m3		115	70 - 130	1	30

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCSD 570-36170/4
Matrix: Air
Analysis Batch: 36170

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzyl chloride			129	141.5		ug/m3		109	38 - 158	0	30
Bromodichloromethane			168	186.4		ug/m3		111	70 - 130	1	30
Bromoform			258	306.1		ug/m3		118	63 - 147	2	30
Bromomethane			97.1	103.8		ug/m3		107	70 - 139	2	30
cis-1,2-Dichloroethene			99.1	105.0		ug/m3		106	70 - 130	0	30
cis-1,3-Dichloropropene			113	116.9		ug/m3		103	70 - 130	0	30
Carbon disulfide			77.9	92.31		ug/m3		119	68 - 146	0	30
Carbon tetrachloride			157	174.6		ug/m3		111	70 - 136	1	30
Chlorobenzene			115	124.9		ug/m3		109	70 - 130	0	30
Chloroethane			66.0	67.44		ug/m3		102	65 - 149	1	30
Chloroform			122	129.8		ug/m3		106	70 - 130	0	30
Chloromethane			51.6	55.65		ug/m3		108	69 - 141	2	30
Dibromochloromethane			213	240.8		ug/m3		113	70 - 138	1	30
Dichlorodifluoromethane			124	135.6		ug/m3		110	67 - 139	3	30
Dichlorotetrafluoroethane			175	192.9		ug/m3		110	51 - 135	1	30
Di-isopropyl ether (DIPE)			104	105.6		ug/m3		101	63 - 130	1	30
Ethylbenzene			109	117.2		ug/m3		108	70 - 130	0	30
Ethyl-t-butyl ether (ETBE)			104	96.28		ug/m3		92	67 - 130	1	30
Hexachloro-1,3-butadiene			267	267.1		ug/m3		100	44 - 146	1	30
Isopropanol			61.5	59.19		ug/m3		96	57 - 135	1	30
Methylene Chloride			86.8	89.29		ug/m3		103	69 - 130	27	30
Methyl-t-Butyl Ether (MTBE)			90.1	89.52		ug/m3		99	68 - 130	1	30
n-Butylbenzene			137	142.7		ug/m3		104	50 - 150	0	30
o-Xylene			109	118.3		ug/m3		109	69 - 130	1	30
m,p-Xylene			217	236.4		ug/m3		109	70 - 132	0	30
sec-Butylbenzene			137	139.7		ug/m3		102	50 - 150	0	30
Styrene			106	114.5		ug/m3		108	65 - 131	0	30
trans-1,2-Dichloroethene			99.1	111.8		ug/m3		113	70 - 130	0	30
trans-1,3-Dichloropropene			113	122.0		ug/m3		108	70 - 147	1	30
Tert-amyl methyl ether			104	98.43		ug/m3		94	69 - 130	1	30
tert-Butyl alcohol (TBA)			152	135.1		ug/m3		89	66 - 144	9	30
tert-Butylbenzene			137	145.2		ug/m3		106	50 - 150	0	30
Tetrachloroethene			170	194.7		ug/m3		115	70 - 130	0	30
Toluene			94.2	104.3		ug/m3		111	70 - 130	0	30
Trichloroethene			134	151.0		ug/m3		112	70 - 130	0	30
Trichlorofluoromethane			140	162.2		ug/m3		116	63 - 141	2	30
Vinyl acetate			88.0	92.92		ug/m3		106	58 - 130	1	30
Vinyl chloride			63.9	66.30		ug/m3		104	70 - 134	1	30
Naphthalene			131	128.1		ug/m3		98	24 - 144	1	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*67 - 133*
4-Bromofluorobenzene (Surr)	*97*		*68 - 134*
Toluene-d8 (Surr)	*99*		*70 - 130*

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 570-36387/6
Matrix: Air
Analysis Batch: 36387

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		2.7		ug/m3			12/03/19 14:04	1
1,1,2,2-Tetrachloroethane	ND		6.9		ug/m3			12/03/19 14:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11		ug/m3			12/03/19 14:04	1
1,1,2-Trichloroethane	ND		2.7		ug/m3			12/03/19 14:04	1
1,1-Dichloroethane	ND		2.0		ug/m3			12/03/19 14:04	1
1,1-Dichloroethene	ND		2.0		ug/m3			12/03/19 14:04	1
1,1-Difluoroethane	ND		5.4		ug/m3			12/03/19 14:04	1
1,2,4-Trichlorobenzene	ND		15		ug/m3			12/03/19 14:04	1
1,2,4-Trimethylbenzene	ND		7.4		ug/m3			12/03/19 14:04	1
1,2-Dibromo-3-Chloropropane	ND		14		ug/m3			12/03/19 14:04	1
1,2-Dibromoethane	ND		3.8		ug/m3			12/03/19 14:04	1
1,2-Dichlorobenzene	ND		3.0		ug/m3			12/03/19 14:04	1
1,2-Dichloroethane	ND		2.0		ug/m3			12/03/19 14:04	1
1,2-Dichloropropane	ND		2.3		ug/m3			12/03/19 14:04	1
1,3,5-Trimethylbenzene	ND		2.5		ug/m3			12/03/19 14:04	1
1,3-Dichlorobenzene	ND		3.0		ug/m3			12/03/19 14:04	1
1,4-Dichlorobenzene	ND		3.0		ug/m3			12/03/19 14:04	1
2-Butanone	ND		4.4		ug/m3			12/03/19 14:04	1
2-Hexanone	ND		6.1		ug/m3			12/03/19 14:04	1
4-Ethyltoluene	ND		2.5		ug/m3			12/03/19 14:04	1
4-Methyl-2-pentanone	ND		6.1		ug/m3			12/03/19 14:04	1
Acetone	ND		4.8		ug/m3			12/03/19 14:04	1
Benzene	ND		1.6		ug/m3			12/03/19 14:04	1
Benzyl chloride	ND		7.8		ug/m3			12/03/19 14:04	1
Bromodichloromethane	ND		3.4		ug/m3			12/03/19 14:04	1
Bromoform	ND		5.2		ug/m3			12/03/19 14:04	1
Bromomethane	ND		1.9		ug/m3			12/03/19 14:04	1
cis-1,2-Dichloroethene	ND		2.0		ug/m3			12/03/19 14:04	1
cis-1,3-Dichloropropene	ND		2.3		ug/m3			12/03/19 14:04	1
Carbon disulfide	ND		6.2		ug/m3			12/03/19 14:04	1
Carbon tetrachloride	ND		3.1		ug/m3			12/03/19 14:04	1
Chlorobenzene	ND		2.3		ug/m3			12/03/19 14:04	1
Chloroethane	ND		1.3		ug/m3			12/03/19 14:04	1
Chloroform	ND		2.4		ug/m3			12/03/19 14:04	1
Chloromethane	ND		1.0		ug/m3			12/03/19 14:04	1
Dibromochloromethane	ND		4.3		ug/m3			12/03/19 14:04	1
Dichlorodifluoromethane	ND		2.5		ug/m3			12/03/19 14:04	1
Dichlorotetrafluoroethane	ND		14		ug/m3			12/03/19 14:04	1
Di-isopropyl ether (DIPE)	ND		8.4		ug/m3			12/03/19 14:04	1
Ethylbenzene	ND		2.2		ug/m3			12/03/19 14:04	1
Ethyl-t-butyl ether (ETBE)	ND		8.4		ug/m3			12/03/19 14:04	1
Hexachloro-1,3-butadiene	ND		16		ug/m3			12/03/19 14:04	1
Isopropanol	ND		12		ug/m3			12/03/19 14:04	1
Methylene Chloride	ND		17		ug/m3			12/03/19 14:04	1
Methyl-t-Butyl Ether (MTBE)	ND		7.2		ug/m3			12/03/19 14:04	1
n-Butylbenzene	ND		8.2		ug/m3			12/03/19 14:04	1
o-Xylene	ND		2.2		ug/m3			12/03/19 14:04	1
m,p-Xylene	ND		8.7		ug/m3			12/03/19 14:04	1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 570-36387/6
Matrix: Air
Analysis Batch: 36387

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
sec-Butylbenzene	ND		8.2	ug/m3			12/03/19 14:04	1
Styrene	ND		6.4	ug/m3			12/03/19 14:04	1
trans-1,2-Dichloroethene	ND		2.0	ug/m3			12/03/19 14:04	1
trans-1,3-Dichloropropene	ND		4.5	ug/m3			12/03/19 14:04	1
Tert-amyl methyl ether	ND		8.4	ug/m3			12/03/19 14:04	1
tert-Butyl alcohol (TBA)	ND		6.1	ug/m3			12/03/19 14:04	1
tert-Butylbenzene	ND		8.2	ug/m3			12/03/19 14:04	1
Tetrachloroethene	ND		3.4	ug/m3			12/03/19 14:04	1
Toluene	ND		1.9	ug/m3			12/03/19 14:04	1
Trichloroethene	ND		2.7	ug/m3			12/03/19 14:04	1
Trichlorofluoromethane	ND		5.6	ug/m3			12/03/19 14:04	1
Vinyl acetate	ND		7.0	ug/m3			12/03/19 14:04	1
Vinyl chloride	ND		1.3	ug/m3			12/03/19 14:04	1
Naphthalene	ND		6.6	ug/m3			12/03/19 14:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*67 - 133*		*12/03/19 14:04*	*1*
4-Bromofluorobenzene (Surr)	*94*		*68 - 134*		*12/03/19 14:04*	*1*
Toluene-d8 (Surr)	*100*		*70 - 130*		*12/03/19 14:04*	*1*

Lab Sample ID: LCS 570-36387/3
Matrix: Air
Analysis Batch: 36387

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	136	138.6		ug/m3		102	70 - 130
1,1,2,2-Tetrachloroethane	172	175.6		ug/m3		102	63 - 130
1,1,2-Trichloro-1,2,2-trifluoroetha ne	192	192.1		ug/m3		100	70 - 136
1,1,2-Trichloroethane	136	143.8		ug/m3		105	70 - 130
1,1-Dichloroethane	101	107.4		ug/m3		106	70 - 130
1,1-Dichloroethene	99.1	87.92		ug/m3		89	70 - 135
1,1-Difluoroethane	67.5	67.43		ug/m3		100	70 - 131
1,2,4-Trichlorobenzene	186	165.4		ug/m3		89	31 - 151
1,2,4-Trimethylbenzene	123	123.0		ug/m3		100	60 - 132
1,2-Dibromo-3-Chloropropane	242	241.5		ug/m3		100	60 - 140
1,2-Dibromoethane	192	202.0		ug/m3		105	70 - 133
1,2-Dichlorobenzene	150	147.8		ug/m3		98	48 - 138
1,2-Dichloroethane	101	101.6		ug/m3		100	70 - 132
1,2-Dichloropropane	116	125.3		ug/m3		108	70 - 130
1,3,5-Trimethylbenzene	123	120.8		ug/m3		98	62 - 130
1,3-Dichlorobenzene	150	151.4		ug/m3		101	56 - 134
1,4-Dichlorobenzene	150	148.6		ug/m3		99	52 - 136
2-Butanone	73.7	76.59		ug/m3		104	66 - 132
2-Hexanone	102	105.5		ug/m3		103	70 - 136
4-Ethyltoluene	123	120.1		ug/m3		98	68 - 130
4-Methyl-2-pentanone	102	106.4		ug/m3		104	70 - 130
Acetone	59.4	56.41		ug/m3		95	67 - 133
Benzene	79.9	91.57		ug/m3		115	70 - 130

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 570-36387/3
Matrix: Air
Analysis Batch: 36387

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzyl chloride	129	127.1		ug/m3		98	38 - 158
Bromodichloromethane	168	175.3		ug/m3		105	70 - 130
Bromoform	258	266.9		ug/m3		103	63 - 147
Bromomethane	97.1	93.92		ug/m3		97	70 - 139
cis-1,2-Dichloroethene	99.1	105.3		ug/m3		106	70 - 130
cis-1,3-Dichloropropene	113	114.3		ug/m3		101	70 - 130
Carbon disulfide	77.9	89.18		ug/m3		115	68 - 146
Carbon tetrachloride	157	160.6		ug/m3		102	70 - 136
Chlorobenzene	115	120.6		ug/m3		105	70 - 130
Chloroethane	66.0	61.81		ug/m3		94	65 - 149
Chloroform	122	123.3		ug/m3		101	70 - 130
Chloromethane	51.6	47.27		ug/m3		92	69 - 141
Dibromochloromethane	213	214.0		ug/m3		100	70 - 138
Dichlorodifluoromethane	124	127.4		ug/m3		103	67 - 139
Dichlorotetrafluoroethane	175	162.4		ug/m3		93	51 - 135
Di-isopropyl ether (DIPE)	104	101.7		ug/m3		97	63 - 130
Ethylbenzene	109	111.6		ug/m3		103	70 - 130
Ethyl-t-butyl ether (ETBE)	104	101.9		ug/m3		98	67 - 130
Hexachloro-1,3-butadiene	267	225.9		ug/m3		85	44 - 146
Isopropanol	61.5	50.89		ug/m3		83	57 - 135
Methylene Chloride	86.8	77.47		ug/m3		89	69 - 130
Methyl-t-Butyl Ether (MTBE)	90.1	93.52		ug/m3		104	68 - 130
n-Butylbenzene	137	138.6		ug/m3		101	50 - 150
o-Xylene	109	107.7		ug/m3		99	69 - 130
m,p-Xylene	217	219.5		ug/m3		101	70 - 132
sec-Butylbenzene	137	134.9		ug/m3		98	50 - 150
Styrene	106	110.4		ug/m3		104	65 - 131
trans-1,2-Dichloroethene	99.1	111.3		ug/m3		112	70 - 130
trans-1,3-Dichloropropene	113	118.4		ug/m3		104	70 - 147
Tert-amyl methyl ether	104	106.0		ug/m3		101	69 - 130
tert-Butyl alcohol (TBA)	152	131.0		ug/m3		86	66 - 144
tert-Butylbenzene	137	140.9		ug/m3		103	50 - 150
Tetrachloroethene	170	168.6		ug/m3		99	70 - 130
Toluene	94.2	101.4		ug/m3		108	70 - 130
Trichloroethene	134	139.2		ug/m3		104	70 - 130
Trichlorofluoromethane	140	135.3		ug/m3		96	63 - 141
Vinyl acetate	88.0	88.16		ug/m3		100	58 - 130
Vinyl chloride	63.9	56.84		ug/m3		89	70 - 134
Naphthalene	131	115.1		ug/m3		88	24 - 144

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*67 - 133*
4-Bromofluorobenzene (Surr)	*94*		*68 - 134*
Toluene-d8 (Surr)	*101*		*70 - 130*

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCSD 570-36387/4
Matrix: Air
Analysis Batch: 36387

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	136	139.8		ug/m3		103	70 - 130	1	30
1,1,2,2-Tetrachloroethane	172	179.2		ug/m3		104	63 - 130	2	30
1,1,2-Trichloro-1,2,2-trifluoroethane	192	194.3		ug/m3		101	70 - 136	1	30
1,1,2-Trichloroethane	136	145.0		ug/m3		106	70 - 130	1	30
1,1-Dichloroethane	101	108.2		ug/m3		107	70 - 130	1	30
1,1-Dichloroethene	99.1	94.16		ug/m3		95	70 - 135	7	30
1,1-Difluoroethane	67.5	69.25		ug/m3		103	70 - 131	3	30
1,2,4-Trichlorobenzene	186	164.4		ug/m3		89	31 - 151	1	30
1,2,4-Trimethylbenzene	123	125.6		ug/m3		102	60 - 132	2	30
1,2-Dibromo-3-Chloropropane	242	245.9		ug/m3		102	60 - 140	2	35
1,2-Dibromoethane	192	204.0		ug/m3		106	70 - 133	1	30
1,2-Dichlorobenzene	150	151.2		ug/m3		101	48 - 138	2	30
1,2-Dichloroethane	101	102.6		ug/m3		101	70 - 132	1	30
1,2-Dichloropropane	116	126.3		ug/m3		109	70 - 130	1	30
1,3,5-Trimethylbenzene	123	122.7		ug/m3		100	62 - 130	2	30
1,3-Dichlorobenzene	150	153.9		ug/m3		102	56 - 134	2	30
1,4-Dichlorobenzene	150	151.6		ug/m3		101	52 - 136	2	30
2-Butanone	73.7	77.88		ug/m3		106	66 - 132	2	30
2-Hexanone	102	107.7		ug/m3		105	70 - 136	2	30
4-Ethyltoluene	123	122.4		ug/m3		100	68 - 130	2	30
4-Methyl-2-pentanone	102	107.2		ug/m3		105	70 - 130	1	30
Acetone	59.4	59.04		ug/m3		99	67 - 133	5	30
Benzene	79.9	92.33		ug/m3		116	70 - 130	1	30
Benzyl chloride	129	130.1		ug/m3		101	38 - 158	2	30
Bromodichloromethane	168	175.2		ug/m3		105	70 - 130	0	30
Bromoform	258	270.4		ug/m3		105	63 - 147	1	30
Bromomethane	97.1	95.40		ug/m3		98	70 - 139	2	30
cis-1,2-Dichloroethene	99.1	106.0		ug/m3		107	70 - 130	1	30
cis-1,3-Dichloropropene	113	114.8		ug/m3		101	70 - 130	0	30
Carbon disulfide	77.9	90.07		ug/m3		116	68 - 146	1	30
Carbon tetrachloride	157	160.3		ug/m3		102	70 - 136	0	30
Chlorobenzene	115	123.1		ug/m3		107	70 - 130	2	30
Chloroethane	66.0	62.35		ug/m3		95	65 - 149	1	30
Chloroform	122	124.4		ug/m3		102	70 - 130	1	30
Chloromethane	51.6	51.70		ug/m3		100	69 - 141	9	30
Dibromochloromethane	213	216.8		ug/m3		102	70 - 138	1	30
Dichlorodifluoromethane	124	127.8		ug/m3		103	67 - 139	0	30
Dichlorotetrafluoroethane	175	170.3		ug/m3		97	51 - 135	5	30
Di-isopropyl ether (DIPE)	104	103.2		ug/m3		99	63 - 130	2	30
Ethylbenzene	109	113.2		ug/m3		104	70 - 130	1	30
Ethyl-t-butyl ether (ETBE)	104	103.2		ug/m3		99	67 - 130	1	30
Hexachloro-1,3-butadiene	267	224.7		ug/m3		84	44 - 146	1	30
Isopropanol	61.5	53.49		ug/m3		87	57 - 135	5	30
Methylene Chloride	86.8	82.35		ug/m3		95	69 - 130	6	30
Methyl-t-Butyl Ether (MTBE)	90.1	93.93		ug/m3		104	68 - 130	0	30
n-Butylbenzene	137	141.2		ug/m3		103	50 - 150	2	30
o-Xylene	109	109.6		ug/m3		101	69 - 130	2	30
m,p-Xylene	217	221.9		ug/m3		102	70 - 132	1	30

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCSD 570-36387/4
Matrix: Air
Analysis Batch: 36387

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
sec-Butylbenzene			137	136.5		ug/m3		99	50 - 150	1	30
Styrene			106	111.5		ug/m3		105	65 - 131	1	30
trans-1,2-Dichloroethene			99.1	112.8		ug/m3		114	70 - 130	1	30
trans-1,3-Dichloropropene			113	119.4		ug/m3		105	70 - 147	1	30
Tert-amyl methyl ether			104	106.3		ug/m3		102	69 - 130	0	30
tert-Butyl alcohol (TBA)			152	141.7		ug/m3		94	66 - 144	8	30
tert-Butylbenzene			137	143.3		ug/m3		104	50 - 150	2	30
Tetrachloroethene			170	171.1		ug/m3		101	70 - 130	2	30
Toluene			94.2	102.6		ug/m3		109	70 - 130	1	30
Trichloroethene			134	140.2		ug/m3		104	70 - 130	1	30
Trichlorofluoromethane			140	140.0		ug/m3		100	63 - 141	3	30
Vinyl acetate			88.0	89.42		ug/m3		102	58 - 130	1	30
Vinyl chloride			63.9	59.64		ug/m3		93	70 - 134	5	30
Naphthalene			131	115.2		ug/m3		88	24 - 144	0	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*93*		*67 - 133*
4-Bromofluorobenzene (Surr)	*94*		*68 - 134*
Toluene-d8 (Surr)	*101*		*70 - 130*

QC Association Summary

Client: Frey Environmental
Project/Site: 759-13

Job ID: 570-14010-1

Air - GC/MS VOA

Analysis Batch: 36167

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-14010-1	B2	Total/NA	Air	TO-15	
570-14010-2	B4	Total/NA	Air	TO-15	
570-14010-3	B6	Total/NA	Air	TO-15	
570-14010-5	B11	Total/NA	Air	TO-15	
570-14010-6	B12	Total/NA	Air	TO-15	
570-14010-7	B18	Total/NA	Air	TO-15	
570-14010-8	B20M	Total/NA	Air	TO-15	
570-14010-9	B21	Total/NA	Air	TO-15	
570-14010-11	B23	Total/NA	Air	TO-15	
MB 570-36167/6	Method Blank	Total/NA	Air	TO-15	
LCS 570-36167/3	Lab Control Sample	Total/NA	Air	TO-15	
LCSD 570-36167/4	Lab Control Sample Dup	Total/NA	Air	TO-15	

Analysis Batch: 36170

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-14010-12	B24	Total/NA	Air	TO-15	
570-14010-13	B25	Total/NA	Air	TO-15	
570-14010-14	B26	Total/NA	Air	TO-15	
MB 570-36170/5	Method Blank	Total/NA	Air	TO-15	
LCS 570-36170/3	Lab Control Sample	Total/NA	Air	TO-15	
LCSD 570-36170/4	Lab Control Sample Dup	Total/NA	Air	TO-15	

Analysis Batch: 36387

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-14010-4	B8	Total/NA	Air	TO-15	
570-14010-10	B22	Total/NA	Air	TO-15	
MB 570-36387/6	Method Blank	Total/NA	Air	TO-15	
LCS 570-36387/3	Lab Control Sample	Total/NA	Air	TO-15	
LCSD 570-36387/4	Lab Control Sample Dup	Total/NA	Air	TO-15	

Lab Chronicle

Client: Frey Environmental
Project/Site: 759-13

Job ID: 570-14010-1

Client Sample ID: B2
Date Collected: 11/26/19 09:41
Date Received: 11/26/19 16:27

Lab Sample ID: 570-14010-1
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1.087	400 mL	400 mL	36167	12/02/19 18:07	KA4W	ECL 2
	Instrument ID: GCMSK									

Client Sample ID: B4
Date Collected: 11/26/19 10:00
Date Received: 11/26/19 16:27

Lab Sample ID: 570-14010-2
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1.329	400 mL	400 mL	36167	12/02/19 19:03	KA4W	ECL 2
	Instrument ID: GCMSK									

Client Sample ID: B6
Date Collected: 11/26/19 10:25
Date Received: 11/26/19 16:27

Lab Sample ID: 570-14010-3
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1.173	400 mL	400 mL	36167	12/02/19 20:02	KA4W	ECL 2
	Instrument ID: GCMSK									

Client Sample ID: B8
Date Collected: 11/26/19 10:42
Date Received: 11/26/19 16:27

Lab Sample ID: 570-14010-4
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		2.28	400 mL	400 mL	36387	12/03/19 18:23	KA4W	ECL 2
	Instrument ID: GCMSII									

Client Sample ID: B11
Date Collected: 11/26/19 09:05
Date Received: 11/26/19 16:27

Lab Sample ID: 570-14010-5
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1.208	400 mL	400 mL	36167	12/02/19 22:54	KA4W	ECL 2
	Instrument ID: GCMSK									

Client Sample ID: B12
Date Collected: 11/26/19 08:46
Date Received: 11/26/19 16:27

Lab Sample ID: 570-14010-6
Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1.087	400 mL	400 mL	36167	12/02/19 23:52	KA4W	ECL 2
	Instrument ID: GCMSK									

Lab Chronicle

Client: Frey Environmental
Project/Site: 759-13

Job ID: 570-14010-1

Client Sample ID: B18 — Lab Sample ID: 570-14010-7

Date Collected: 11/26/19 11:04 — **Matrix: Air**
Date Received: 11/26/19 16:27

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1.146	400 mL	400 mL	36167	12/03/19 00:51	KA4W	ECL 2
	Instrument ID: GCMSK									

Client Sample ID: B20M — Lab Sample ID: 570-14010-8

Date Collected: 11/26/19 11:25 — **Matrix: Air**
Date Received: 11/26/19 16:27

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1.12	400 mL	400 mL	36167	12/03/19 01:50	KA4W	ECL 2
	Instrument ID: GCMSK									

Client Sample ID: B21 — Lab Sample ID: 570-14010-9

Date Collected: 11/26/19 12:42 — **Matrix: Air**
Date Received: 11/26/19 16:27

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1.108	400 mL	400 mL	36167	12/03/19 03:38	KA4W	ECL 2
	Instrument ID: GCMSK									

Client Sample ID: B22 — Lab Sample ID: 570-14010-10

Date Collected: 11/26/19 13:27 — **Matrix: Air**
Date Received: 11/26/19 16:27

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	400 mL	400 mL	36387	12/03/19 19:15	KA4W	ECL 2
	Instrument ID: GCMSII									

Client Sample ID: B23 — Lab Sample ID: 570-14010-11

Date Collected: 11/26/19 12:29 — **Matrix: Air**
Date Received: 11/26/19 16:27

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1.07	400 mL	400 mL	36167	12/03/19 05:37	KA4W	ECL 2
	Instrument ID: GCMSK									

Client Sample ID: B24 — Lab Sample ID: 570-14010-12

Date Collected: 11/26/19 12:12 — **Matrix: Air**
Date Received: 11/26/19 16:27

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	400 mL	400 mL	36170	12/01/19 01:12	V2NZ	ECL 2
	Instrument ID: GCMSOOO									

Lab Chronicle

Client: Frey Environmental
Project/Site: 759-13

Job ID: 570-14010-1

Client Sample ID: B25

Lab Sample ID: 570-14010-13

Date Collected: 11/26/19 12:00
Matrix: Air
Date Received: 11/26/19 16:27

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	400 mL	400 mL	36170	12/01/19 02:02	V2NZ	ECL 2
	Instrument ID: GCMSOOO									

Client Sample ID: B26

Lab Sample ID: 570-14010-14

Date Collected: 11/26/19 11:44
Matrix: Air
Date Received: 11/26/19 16:27

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	TO-15		1	400 mL	400 mL	36170	12/01/19 02:53	V2NZ	ECL 2
	Instrument ID: GCMSOOO									

Laboratory References:

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Accreditation/Certification Summary

Client: Frey Environmental
Project/Site: 759-13

Job ID: 570-14010-1

Laboratory: Eurofins Calscience LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Arizona	State	AZ0781	03-13-20
California	SCAQMD LAP	17LA0919	11-30-20
California	State	2944	09-29-20
Hawaii	State	<cert No.>	07-02-20
Nevada	State	CA00111	07-31-20
Oregon	NELAP	CA300001	01-29-20

Method Summary

Client: Frey Environmental
Project/Site: 759-13

Job ID: 570-14010-1

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds in Ambient Air	EPA	ECL 2

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Sample Summary

Client: Frey Environmental
Project/Site: 759-13

Job ID: 570-14010-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
570-14010-1	B2	Air	11/26/19 09:41	11/26/19 16:27	Air Canister (1-Liter) #LC154
570-14010-2	B4	Air	11/26/19 10:00	11/26/19 16:27	Air Canister (1-Liter) #LC351
570-14010-3	B6	Air	11/26/19 10:25	11/26/19 16:27	Air Canister (1-Liter) #LC1014
570-14010-4	B8	Air	11/26/19 10:42	11/26/19 16:27	Air Canister (1-Liter) #LC962
570-14010-5	B11	Air	11/26/19 09:05	11/26/19 16:27	Air Canister (1-Liter) #LC1136
570-14010-6	B12	Air	11/26/19 08:46	11/26/19 16:27	Air Canister (1-Liter) #LC906
570-14010-7	B18	Air	11/26/19 11:04	11/26/19 16:27	Air Canister (1-Liter) #SLC078
570-14010-8	B20M	Air	11/26/19 11:25	11/26/19 16:27	Air Canister (1-Liter) #LC595
570-14010-9	B21	Air	11/26/19 12:42	11/26/19 16:27	Air Canister (1-Liter) #LC1197
570-14010-10	B22	Air	11/26/19 13:27	11/26/19 16:27	Air Canister (1-Liter) #LC1036
570-14010-11	B23	Air	11/26/19 12:29	11/26/19 16:27	Air Canister (1-Liter) #LC1217
570-14010-12	B24	Air	11/26/19 12:12	11/26/19 16:27	Air Canister (1-Liter) #LC1065
570-14010-13	B25	Air	11/26/19 12:00	11/26/19 16:27	Air Canister (1-Liter) #LC930
570-14010-14	B26	Air	11/26/19 11:44	11/26/19 16:27	Air Canister (1-Liter) #LC257

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570-14010 Chain of Custody

Loc: 570
14010

AIR CHAIN-OF-CUSTODY

DATE: 11/26/19
PAGE: 1 OF 2

LABORATORY CLIENT: FREY ENVIRONMENTAL, Inc.
ADDRESS: 2817-A Lafayette Ave
CITY: Newport Beach STATE: CA ZIP: 92663
TEL: (949) 723-1645 E-MAIL: EVANPRIVETT@FREYINC.com

CLIENT PROJECT NAME / NO.: 759-13
PROJECT CONTACT: EVAN PRIVETT
PROJECT ADDRESS: —
CITY: San Pedro STATE: ZIP:

P.O. NO.:
LAB CONTACT OR QUOTE NO.:
SAMPLER(S): (PRINT) BRIAN KATO

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

EDD: ☐ COELT EDF ☐ OTHER
UNITS:

SPECIAL INSTRUCTIONS:
include isopropy/ alcohol (IPA)

REQUESTED ANALYSES

LAB USE ONLY	SAMPLE ID	FIELD ID / POINT OF COLLECTION	MATRIX: Indoor (I) Soil Vap. (SV) Ambient (A)	SAMPLING EQUIPMENT: Media ID	Canister Size 6L or 1L	Flow Controller ID	START SAMPLING INFORMATION: Date	Time (24 hr clock)	Canister Pressure (in Hg)	STOP SAMPLING INFORMATION: Date	Time (24 hr clock)	Canister Pressure (in Hg)	VOC's (TO-15)			
1	B2		SV	LC154	1L	A185	11/26/19	0932		11/26/19	0941	-2.0				
2	B4		SV	LC ~~1074~~ 351	1L	A ~~397~~ 406		~~0900~~ 0948			~~1025~~ 1040	-3.5	X			
3	B6		SV	LC 1014	1L	A 397		1012			1025	-2.5	X			
4	B8		SV	LC962	1L	A301		1031			1042	-2.5	X			
5	B11		SV	LC1136	1L	A289		0852			0905	-3.0	X			
6	B12		SV	LC906	1L	A347		0833			0846	-2.5	X			
7	B18		SV	LC078	1L	A265		1051			1104	-2.0	X			
8	B20M		SV	LC595	1L	A104		1122			1125	-3.0	X			
9	B21		SV	LC1197	1L	A421		1340			1342	-3.0	X			
10	B22		SV	LC1036	1L	A731		1315			1327	-4.0	X			

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Brian K. Kato	Chambell Ec	11/26/19	1627
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

2014-07-01 Revision

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AIR CHAIN-OF-CUSTODY RECORD

DATE: 11/26/19
PAGE: 2 OF 2

WO NO. / LAB USE ONLY: 14010

LABORATORY CLIENT: FREY ENVIRONMENTAL, Inc
ADDRESS: 2817A Lafayette Avenue
CITY: Newport Beach STATE: CA ZIP: 92663
TEL: (949) 723-1645 E-MAIL: ~~EVAN@PRIVETT~~ EVANPRIVETT@FREYENV.COM

CLIENT PROJECT NAME / NO.: 759-13
PROJECT CONTACT: EVAN PRIVETT
PROJECT ADDRESS: —
CITY: SAN PEDRO STATE: ZIP:

P.O. NO.:
LAB CONTACT OR QUOTE NO.:
SAMPLER(S): (PRINT)

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):
☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

EDD: ☐ COELT EDF ☐ OTHER
UNITS:

SPECIAL INSTRUCTIONS:
include isopropyl alcohol

REQUESTED ANALYSES: VOC's (TO-15)

LAB USE ONLY	SAMPLE ID	FIELD ID / POINT OF COLLECTION	MATRIX: Indoor (I) Soil Vap. (SV) Ambient (A)	SAMPLING EQUIPMENT: Media ID	Canister Size 6L or 1L	Flow Controller ID	START SAMPLING INFORMATION: Date	Time (24 hr clock)	Canister Pressure (in Hg)	STOP SAMPLING INFORMATION: Date	Time (24 hr clock)	Canister Pressure (in Hg)	VOC's (TO-15)
11	B23		SV	LC1217	1L	A409	11/26/19	1215		11/26/19	1229	-2.5	X
12	B24		SV	LC1065	1L	A108	↓	1200		↓	1212	-2.5	X
13	B25		SV	LC930	1L	A379	↓	1148		↓	1200	-3.5	X
14	B26		SV	LC257	1L	A485	↓	1132		↓	1144	-2.5	X

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
[signature]	[signature] EC	11/26/19	1627
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

2014-07-01 Revision

Login Sample Receipt Checklist

Client: Frey Environmental

Job Number: 570-14010-1

Login Number: 14010
List Number: 1
Creator: Cruise, Noel

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	False	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Summa Canister Dilution Worksheet

Client: Frey Environmental
Project/Site: 759-13

Job No.: 570-14010-1

Lab Sample ID	Canister Volume (L)	Presampling Pressure ("Hg)	Preadjusted Pressure ("Hg)	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	Adjusted Pressure (atm)	Adjusted Volume (L)	Initial Volume (mL)	Dilution Factor	Final Dilution Factor	Pressure Gauge ID	Date	Analyst Initials
570-14010-1	1	-29.5	-1.6	0.95	0.95	-0.785847	0.95	0.95		1.00	1.00	AIR MG-6	11/26/19 18:29	UHOG
570-14010-2	1	-29.5	-3.2	0.89	0.89	-1.57169	0.89	0.89		1.00	1.00	AIR MG-6	11/26/19 18:30	UHOG
570-14010-3	1	-29.5	-2.2	0.93	0.93	-1.08054	0.93	0.93		1.00	1.00	AIR MG-6	11/26/19 18:32	UHOG
570-14010-4	1	-29.5	-1.0	0.97	0.97	-0.491154	0.97	0.97		1.00	1.00	AIR MG-6	11/26/19 18:34	UHOG
570-14010-4	1	-29.5	5	0.59	0.59	5	1.34	1.34		2.28	2.28	Air MG-6	12/03/19 12:34	LEW3
570-14010-5	1	-29.5	-2.8	0.91	0.91	-1.37523	0.91	0.91		1.00	1.00	AIR MG-6	11/26/19 18:38	UHOG
570-14010-6	1	-29.5	-2.0	0.93	0.93	-0.982308	0.93	0.93		1.00	1.00	AIR MG-6	11/26/19 18:40	UHOG
570-14010-7	1	-29.5	-1.4	0.95	0.95	-0.687616	0.95	0.95		1.00	1.00	AIR MG-6	11/26/19 18:43	UHOG
570-14010-8	1	-29.5	-0.8	0.97	0.97	-0.392923	0.97	0.97		1.00	1.00	AIR MG-6	11/26/19 18:44	UHOG
570-14010-9	1	-29.5	-2.8	0.91	0.91	-1.37523	0.91	0.91		1.00	1.00	AIR MG-6	11/26/19 18:46	UHOG
570-14010-10	1	-29.5	-1.0	0.97	0.97	-0.491154	0.97	0.97		1.00	1.00	AIR MG-6	11/26/19 18:48	UHOG
570-14010-11	1	-29.5	-2.0	0.93	0.93	-0.982308	0.93	0.93		1.00	1.00	AIR MG-6	11/26/19 18:49	UHOG
570-14010-12	1	-29.5	-2.2	0.93	0.93	-1.08054	0.93	0.93		1.00	1.00	AIR MG-6	11/26/19 18:50	UHOG
570-14010-13	1	-29.5	-2.8	0.91	0.91	-1.37523	0.91	0.91		1.00	1.00	AIR MG-6	11/26/19 18:53	UHOG
570-14010-14	1	-29.5	-2.2	0.93	0.93	-1.08054	0.93	0.93		1.00	1.00	AIR MG-6	11/26/19 18:54	UHOG

Summa Canister Dilution Worksheet

Client: Frey Environmental
Project/Site: 759-13

Job No.: 570-14010-1

Formulae:

Preadjusted Volume (L) = (Preadjusted Pressure ("Hg) + 29.92 "Hg * Vol L) / 29.92 "Hg

Adjusted Volume (L) = (Adjusted Pressure (psig) + 14.7 psig * Vol L) / 14.7 psig

Dilution Factor = Adjusted Volume (L) / Preadjusted Volume (L)

Where:

29.92 "Hg = Standard atmospheric pressure in inches of Mercury (“Hg)

14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig)

ADDITIONAL SOIL VAPOR ASSESSMENT

ONE SAN PEDRO
275 WEST 1ST STREET
231 – 243 WEST SANTA CRUZ STREET
SAN PEDRO, CALIFORNIA

Prepared For:

The Richman Group of California
Development Company, LLC
2727 Newport Boulevard, Suite 203
Newport Beach, California 92663

Prepared By:

FREY Environmental, Inc.
2817A Lafayette Avenue
Newport Beach, CA 92663-3715
(949) 723-1645
freyinc@freyinc.com

Project Number: 759-13

March 21, 2022

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A FUTURE SOIL EXCAVATION LOCATIONS AND DEPTHS
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C BORING LOGS
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1.0 INTRODUCTION

This report documents and presents the results of an additional soil vapor investigation conducted by FREY Environmental, Inc. (FREY), on behalf of the Richman Group of California Development Company, LLC (Richman), at the location of the future One San Pedro project in San Pedro, Los Angeles, California (Site)(Figure 1).

2.0 SITE CONDITIONS

2.1 SITE DESCRIPTION

The Site consists of 21.2 acres of land identified by the following ten (10) assessor parcel numbers (APNs):

7449-017-900	7449-018-900	7455-017-900	7455-027-929
7449-017-901	7449-018-901		7455-027-930
7449-017-902	7449-018-902		7455-027-931

The Site is also identified by the following addresses:

103-275 (odd) W. Santa Cruz Street	100-129 (all) N. Armona Court
103-385 (odd) W. 1st Street	100-229 (all) S. Armona Court
102-274 (even) W. 1st Street	100-129 (all) N. Arboles Court
201-275 (odd) W. 2nd Street	100-229 (all) S. Arboles Court.
102-384 (even) W. 2nd Street	100-129 (all) N. Palos Verdes Street
102-274 (even) W. 3rd Street	100-229 (all) S. Palos Verdes. Street
108-118 (even) S. Mesa Street	107-119 (odd) N. Beacon Street
100-120 (even) N. Centre Street	107-226 (all) S. Beacon Street
200-228 (even) S. Centre Street	117-225 (odd) S. Harbor Boulevard

Residential apartment buildings occupy a majority of the Site with a Housing Authority of the City of Los Angeles (HACLA) management office and maintenance facility located at 275 W 1st Street, a HACLA storage lot occupied by multiple storage containers located at the southeast corner of 2nd street and Palos Verdes Street and an additional HACLA mobile office located at the southeast corner of 2nd Street and Beacon Street. The remaining portions of the Site are generally occupied by lawns, playgrounds, parking lots, and a community garden.

A Site Location Map, Site Vicinity Sketch, and a Site Sketch are presented as Figures 1, 2 and 3, respectively.

2.2 REGIONAL GEOLOGY

The Site is located approximately 1.5 miles east of the Palos Verdes Hills and approximately 600 feet west of the main channel of the Los Angeles Harbor, and is located within the West Coast Sub-basin of the Coastal Plain of Los Angeles (DWR, 2004).

Quaternary alluvium and marine deposits are the primary lithologies in the vicinity of the Site (FREY, 2019). Lithologies in borings drilled to depths of approximately 60 feet below ground surface (bgs) are reported to consist mainly of clays, silts, siltstone, and claystone at five (5) GeoTracker facilities located on Gaffey Street at distances ranging from approximately 2,600 feet to 3,200 feet west from the Site (SWRCB, 2019).

2.3 REGIONAL HYDROGEOLOGY

A review of groundwater depths on the State Water Resources Control Board (SWRCB) Geotracker and GAMA websites indicates the depth to groundwater in 12 wells located within a one-mile radius of the Site reportedly ranges from 8 to 42 feet bgs. Shallow depths were typically reported in wells closer to the harbor (lower elevation) and greater depths were reported for wells located further west from the harbor (higher elevation).

Groundwater flow is estimated to be generally to the east in the Site vicinity based on information from five (5) GeoTracker facilities located on Gaffey Street at distances ranging from approximately 2,600 feet to 3,200 feet west of the Site (SWRCB, 2019).

The closest surface body of water to the Site is the Los Angeles Harbor located approximately 620 feet east of the Site (ERIS, 2019). No public groundwater supply wells are located within a one-mile radius of the Site (SWRCB, 2019).

3.0 BACKGROUND

It is our understanding that HACLA, Richman, and National Community Renaissance (NCR) will re-develop the Site in the near future (OSPC, 2019). The re-development includes building demolition, soil excavation to depths of up to 22 feet bgs, off Site soil disposal, and the construction of subterranean parking garages and apartment buildings (Delta, 2020 & Kpff, 2021). Excavation depths are shown on the exhibit attached in Appendix A.

3.1 PHASE I ESA (FREY, 2019)

FREY prepared a Phase I Environmental Site Assessment (ESA) for the Site. The Site was first developed prior to 1888 primarily with single-family homes. The "Edison Electric Co. Gas Plant" (247 and/or 253 West Santa Cruz Street) and a "Sheet Metal Works" (286 West 3rd Street) were listed on the historical fire insurance maps in 1908 and 1921, respectively. Department of Defense housing was listed as a Site use in 1942.

In 1952, additional residential units were added to the Site which was listed as used for public housing. The Site has been used for public housing since at least 1952.

The Phase I ESA identified the following RECs:

- In 1908, a manufactured gas plant was identified at the approximate location of Building 8;
- In 1921, a sheet metal work shop was identified at the approximate location of Building 31;
- In 1942, a kerosene 1,000-gallon UST installed at the management and maintenance building;
- Hazardous waste manifests associated with the management and maintenance building included waste oil and mixed oil, oxygenated solvents, pesticides, halogenated solvents, and hydrocarbon solvents.
- A clarifier and associated wash-down area/floor drains, concrete trenches and patches, hazardous waste generation and hazardous waste storage were observed at the management and maintenance building during a Site inspection on November 12, 2019.
- Potential asbestos containing materials (ACMs) were observed in various Site buildings.

3.2 PHASE II ESA (FREY, 2020)

In order to address the RECs (with the exception of the potential ACMs), FREY supervised the performance of a geophysical survey and conducted a soil and soil vapor investigation on November 19, 20 and 21, 2019.

The geophysical survey utilized electromagnetic induction, magnetomerty and ground penetrating radar to evaluate the presence of the 1,000-gallon UST reportedly installed at the management and maintenance building. The geophysical survey did not locate a UST or UST cavity.

FREY drilled and soil sampled 23 soil borings to depths of up to 30 feet bgs in the locations of the listed RECs. A total of 64 soil samples were submitted for laboratory analysis. Soil samples were analyzed for the following compounds:

- 64 soil samples for total petroleum hydrocarbons with a carbon chain breakdown (TPH-CC):
- 60 soil samples for polynuclear aromatic hydrocarbons (PAHs):
- 22 soil samples for Title 22 metals, and:
- 27 soil samples for VOCs.

Fifty-five (55) and 60 soil samples were analyzed for TPH-CC and PAHs, respectively, were collected from soil borings drilled in the former manufactured gas plant location.

Three of the 55 soil samples (samples B5-25 and B7-10) contained TPH-diesel in excess of the USEPA regional screening level of 96 mg/kg (the lowest screening level) for direct exposure to human health. Soil samples B5-25 and B6-25 were the only samples which contained PAHs in excess of residential ESLs for direct exposure to human health.

The soil samples which contained TPH or PAHs above respective residential San Francisco Bay Regional Water Quality Control Board's (SFB-RWQCB) Environmental Screening Levels (ESLs) were located at depths of 10 feet bgs and were not considered a threat to human health. TPH and PAHs were detected in concentrations well below the Leaching to Groundwater ESLs for each compound.

The metals detected in the 22 soil samples analyzed from the Site did not significantly exceed the residential ESLs or the DTSC background concentrations for arsenic in Southern California soils and are not considered to be of concern. The VOCs detected in the 27 soil samples did not exceed direct exposure to human health or migration to groundwater ESLs. Soil sample laboratory results for TPH and VOCs are presented in Table 1. Soil sample laboratory results for PAHs are presented in Table 2. Soil sample laboratory results for metals are presented in Table 3.

Fourteen (14) of the 23 soil borings were completed as 5-foot soil vapor probes. FREY purged and sample the 14 soil vapor probes and analyzed the samples for VOCs. Twelve (12) VOCs were detected in the soil vapor samples. However, only three (3) VOCs (PCE, TCE and chloroform) were detected in excess of respective residential ESLs. Soil vapor samples collected from soil vapor probes B11 and B12 were the only samples to contain VOCs in excess of respective residential ESLs. Soil vapor probes B11 and B12 were installed at the Management and Maintenance Building. Soil vapor sample analytical results are presented in Table 4. The locations of soil borings and soil vapor probes are shown on Figures 4, 5, and 6.

The Phase II ESA concluded with the following recommendations:

- Conduct an additional soil vapor assessment at the management and maintenance building. The further assessment should include the installation and sampling of soil vapor probes to the north, south, east and west of B11 and B12.

- Prepare and implement a soil management plan (SMP) for soil excavation in the vicinity of Building 8 and at the Management and Maintenance Building.

3.3 PROJECT EVALUATION (RINCON, 2021)

Rincon Consultants, Inc (Rincon) performed a peer review of FREY's Phase I and Phase II ESA's. Rincon summarized FREY's findings and recommendations in the memorandum. Rincon Consultants, Inc. closed their memorandum with *Rincon concurs with the recommendations provided by FREY in the Phase I and Phase II ESA. In addition to the recommendations provided by FREY, Rincon recommends:*

- Additional soil vapor sample in the location of soil vapor probe B8. The reporting limit for benzene and chloroform were greater than the residential ESLs.

- Future soil vapor results should be compared to ESLs specific to the proposed future site use.

- After demolition of the management and maintenance building an additional geophysical survey should be performed to attempt to identify the location of the 1,000 gallon UST or backfilled UST excavation. If a UST or a backfilled excavation consistent with the UST pit is found, the UST should be abandoned and assessed in accordance with the Los Angeles Fire Department requirements.

- Provide a closure or no further action letter for the former MGP facility.

- If a groundwater assessment has not been conducted, groundwater samples should be collected to determine if groundwater is contaminated that would require treatment as part of dewatering activities.

4.0 OBJECTIVES

The objectives of the scope of work discussed below were to further assess the presence of VOCs in soil vapor in the vicinity of the management and maintenance building and at soil vapor probe B8.

5.0 SCOPE OF WORK

The scope of work, designed to provide the information needed to meet the objectives of the investigation, were as follows:

- Prepared and implemented a Site-specific Health and Safety Plan;
- Marked 10 soil boring locations with white paint and notified Underground Service Alert;
- Cored soil boring locations, as needed;
- Advanced 9 soil borings to final depths of 30 feet bgs;
- Advanced 1 soil boring to a final depth of 5 feet bgs;
- Collected soil samples at 5-foot depth intervals from 5 feet bgs to the bottom of the boring in NP1, NP2, NP4, and NP7;
- Screened soil cuttings and soil samples for undifferentiated volatile organic compounds (UVOCs) with a photo-ionization detector (PID);
- Completed 9 of the soil borings as triple-nested vapor probes with vapor implants at 5, 15, and 30 feet bgs;
- Completed 1 soil boring as a 5-foot soil vapor probe;
- Purged and sampled the newly installed soil vapor probes in accordance with the DTSC Advisory;
- Analyzed soil vapor samples for VOCs, and;
- Evaluated data and prepared this report documenting and presenting the results of the investigation.

6.0 CURRENT INVESTIGATION

The advancement of soil borings and the installation of vapor probes was conducted by FREY personnel on January 27 and 28, 2022. Soil vapor probe sampling was conducted on February 3 and 4, 2022 by Optimal Technology (Optimal), a State of California certified hazardous waste testing laboratory.

The subsurface soil vapor investigation was conducted in accordance with the guidelines set forth in the California Environmental Protection Agency's document titled, "*Advisory - Active Soil Gas Investigation,*" dated July 2015 (Cal EPA, 2015). All activities related to this investigation were conducted under the direction of a State of California Professional Geologist in accordance with applicable regulations and accepted engineering practice and protocol.

6.1 PRE-DRILLING ACTIVITIES

Prior to drilling, FREY marked the Site in accordance with underground service alert (USA) protocols and obtained USA number B220180958-00B. A Site specific health and safety plan guided all field activities.

6.2 FIELD INVESTIGATION

6.2.1 Soil Vapor Probe Locations

Soil vapor probe VP1 was advanced adjacent to previously sampled soil vapor probe B8. Soil vapor probes NP1 through NP9 were advanced laterally around previously sampled soil vapor probes B11 and B12 at the Management and Maintenance Building.

6.2.2 Drilling and Sampling of Soil Borings

On January 27, FREY hand augered soil borings NP1, NP2, NP4, and NP7 to 5 feet bgs. Soil borings NP1, NP2, NP4, and NP7 were advanced to final depths of 30 feet bgs using a direct push drilling rig. Soil samples were collected from borings NP1, NP2, NP4, and NP7 at 5-foot depth intervals from 5 feet bgs to the bottom of each boring. Soil samples were collected for soil classification purposes only and not submitted for laboratory analysis. Groundwater was not encountered during the advancement of NP1, NP2, NP4, and NP7.

On January 28, 2022, FREY hand augered soil borings VP1, NP3, NP5, NP6, NP8, and NP9 to 5 feet bgs. Soil borings NP3, NP5, NP6, NP8, and NP9 were advanced to a final depth of 30 feet bgs using a direct push drilling rig. Soil boring VP1 was completed as a 5-foot vapor probe. Soil samples were not collected from these soil borings. Groundwater was not encountered during the advancement of VP1, NP3, NP5, NP6, NP8, and NP9.

Soil samples and hand auger soil cuttings were examined to characterize the soil lithology and to look for the presence of soil staining or odors indicative of a chemical release. Soil samples and soil cuttings were also screened in the field for UVOCs with a PID. Soil staining, malodorous soils, and PID readings greater than 1 ppm were not observed in the hand auger cuttings or soil samples collected from soil borings NP1, NP2, NP4, and NP7. Soil sample collection procedures are discussed in greater detail in Appendix B.

6.2.3 Soil Vapor Probe Installation

Soil boring NP1 though NP9 were completed as triple-nested vapor probes with vapor implants set at 5, 15, and 30 feet bgs.

Six inches of machine-washed sand was placed in the bottom of boreholes NP1 through NP9. A 31-foot long, 0.17-inch inner diameter section of Nylaflow tubing was then inserted into each borehole. A plastic vapor implant was located on the bottom end of the tubing while an air tight vinyl cap was placed on the end of the tubing which protruded above the ground surface. Six inches of machine-washed sand was then placed in the borehole encasing the vapor implant.

One vertical foot of dry bentonite crumbles was then placed upon the sand pack. Neat cement was placed on top of the dry bentonite to 15.5 feet bgs. The procedure for setting the 30-foot vapor probes was repeated for the probes set at 15 and 5 feet bgs. Each soil vapor probe was covered with a well box set in concrete. Soil vapor probe construction diagrams for soil borings converted into soil vapor probes are presented on the boring logs included in Appendix C.

6.2.4 Sampling of Soil Vapor Probes

Soil vapor sampling was conducted on February 3 and 4, 2022, by a chemist from Optimal. Rainfall in excess of ½ inch did not occur at the Site within the 5 days prior to sampling. Areas surrounding the soil vapor probe locations were free of standing water. Each soil vapor probe was purged of three purge volumes at a rate which did not exceed 200 milliliters per minute (mL/min). Isobutane was used as the tracer gas. Soil vapor samples were collected in gas-tight syringes then immediately analyzed on Site in a mobile laboratory operated by Optimal.

6.2.5 Laboratory Analysis of Soil Vapor Samples

A total of 28 soil vapor samples were analyzed for VOCs in general accordance with EPA Method No. 8260B.

7.0 RESULTS OF THE INVESTIGATION

7.1 SUBSURFACE CONDITIONS

In general, the subsurface soils consisted primarily of fine sands from just below the ground surface to the bottom of the borings at 30 feet bgs. Gravel was present at 30 feet bgs in NP2 while silt was present at 30 feet bgs in NP4. Groundwater was not encountered during this investigation. A detailed description of soils encountered are depicted on the boring logs included in Appendix C.

7.2 LABORATORY ANALYTICAL RESULTS

Twenty-eight (28) unique soil vapor samples were analyzed for VOCs. VOCs detected in the 28 soil vapor samples were limited to chloroform, PCE, and TCE.

- PCE was detected in 14 of the 28 soil vapor samples at concentrations up to 39 micrograms per cubic meter (ug/m^3) in NP8-30.
- TCE was detected in 6 of the 28 soil vapor samples at concentrations up to 17 ug/m^3 in NP3-5.
- Chloroform was detected in 9 of the 28 soil vapor samples at concentrations up to 106 ug/m^3 in NP1-5.
- The leak check compound isobutane was not detected in any of the soil vapor samples.

Soil vapor sample results have been summarized Table 4. Soil vapor sample laboratory reports have been attached in Appendix D.

8.0 DISCUSSION OF RESULTS

Soil vapor containing concentrations of VOCs can pose a potential threat to human health through the migration of vapors through building floors and foundations. VOCs detected in soil vapor can be compared to screening levels published by regional, state, and federal government agencies. The 2019 SFB-RWQCB ESLs are generally the most conservative screening levels published by government agencies which could provide environmental oversight for projects in Los Angeles County.

8.1 CHEMICALS OF POTENTIAL CONCERN

A total of 42 soil vapor samples have been collected at the Site and analyzed for VOCs. Vapor phase VOCs detected in excess of respective residential SFB-RWQCB ESLs included benzene (1 sample), TCE (1 sample), chloroform (10 samples) and PCE (10 samples). The residential ESLs for vapor phase benzene, TCE, chloroform and PCE are 3.2 ug/m^3, 16 ug/m^3, 4.1 ug/m^3 and 15 ug/m^3, respectively.

8.1.1. Benzene

Soil vapor sample B12, collected from 5 feet bgs, contained benzene (19 ug/m^3). The vertical and lateral extent of benzene in soil vapor has been assessed by soil vapor samples collected from NP2 (immediately adjacent to B12) B11 to the west, NP4 to the east, NP5 to the south and NP8 and NP9 to the north. Soil vapor samples collected from B11, NP1, NP4, NP5, NP8 and NP9 did not contain benzene. Benzene in soil vapor is not considered to be of concern based on the single detection which slightly exceeded the residential ESL of 3.2 ug/m^3.

8.1.2. TCE

Soil vapor sample NP3-5 contained TCE at 17 ug/m^3 in comparison to the residential ESL of 16 ug/m^3. The vertical extent of TCE in soil vapor, which exceeds the residential ESL, has been adequately assessed by soil vapor samples NP3-15 (13 ug/m^3) and NP3-30 (11 ug/m^3). The lateral extent of TCE in soil vapor has been adequately assessed to the northeast, north, northwest, west and southwest by soil vapor samples collected from NP1, NP2, and NP4 through NP9. TCE in soil vapor is not considered to be of concern based on the single detection which exceeded the residential ESL by 1 ug/m^3.

8.1.3. PCE

The 5-foot bgs soil vapor samples collected from B11 and B12 at the Maintenance and Management Building contained PCE at concentrations of 61 ug/m^3 and 140 ug/m^3, respectively. These were the greatest PCE concentrations detected in the 42 soil vapor samples collected from the Site. Triple nested soil vapor probes NP1 and NP2 were installed immediately adjacent to B11 and B12, respectively. Soil vapor samples collected from NP1 from 5, 15 and 30 feet bgs contained PCE at concentrations of 10 ug/m^3, 21 ug/m^3 and 10 ug/m^3, respectively. Soil vapor samples collected from NP2 from 5, 15 and 30 feet bgs did not contain PCE concentrations in excess of the laboratory detection limit of 10 ug/m^3. The vertical extent of PCE in soil vapor has been adequately assessed in these locations.

Lateral assessment soil vapor samples collected from NP3 through NP9, installed radially around the Maintenance and Management Building, contained lower concentrations of PCE than the 61 ug/m^3 and 140 ug/m^3 as detected in B11 and B12, respectively. The soil vapor samples collected from NP5, located approximately 20 feet south of B12, and NP7, located approximately 40 feet west of B12, did not contain concentrations of VOCs including PCE. PCE was detected in various soil vapor samples collected from the remaining lateral assessment nested soil vapor probes but in low concentrations the greatest of which was 39 ug/m^3 detected in the 30-foot bgs probe in NP8. Soil vapor sample NP8-5 contained PCE at a concentration of 21 ug/m^3 and was the only lateral assessment soil vapor sample collected from 5-feet bgs which exceeded the residential ESL of 15 ug/m^3.

8.1.4. Chloroform

The presence of chloroform is generally attributed to the chlorination of drinking water and is commonly detected in irrigated lawn areas such as at this Site. The greatest concentrations of chloroform were detected in soil vapor samples B11, NP1 and NP9 located in irrigated areas. The remaining soil vapor samples which contained chloroform in excess of the residential ESL were collected from depths of 15 or 30 feet bgs.

8.2 FUTURE SITE ACTIVITIES

The Site is scheduled for re-development which includes the excavation of soils to depths of up to 21 feet bgs in the locations of Maintenance and Management building. Soil excavation will allow for the volatilization of vapor phase VOCs entrained within these soils. For example, soil vapor samples B11, B12 and NP1-5, which contained the greatest concentrations of PCE and chloroform, were collected from 5 feet bgs. Soils in the area of B11, B12 and NP1-5 are proposed to be excavated to estimated depths ranging from 12 to 16 feet bgs.

A review of Table 4, Figure 5 and Appendix A documents that soil vapor samples which contained VOC concentrations in excess of residential ESLs will be excavated and the soil re-worked and compacted or removed from the Site with the exception of the 30-foot bgs soil vapor samples collected from NP3, NP4, NP6 and NP8.

Finally, each of the newly constructed subterranean parking garages and buildings will be constructed on a concrete foundation underlain by a moisture barrier which will minimize, if not eliminate, the potential for residual VOCs detected in NP3, NP4, NP6 and NP8 to be considered a vapor intrusion threat.

9.0 CONCLUSIONS

- FREY advanced 1 soil boring to 5 feet bgs and 9 soil borings to 30 feet bgs on January 27 and 28, 2022. Groundwater was not encountered during the advancement of the soil borings.

- The 5 foot bgs soil boring was completed as a single soil vapor probe. The nine 30-foot bgs soil borings were completed as triple nested soil vapor probes with vapor implants set at 5, 15 and 30-feet bgs.

- Optimal purged and sampled the single soil vapor probe and the 9 triple nested soil vapor probes (total of 28 unique soil vapor samples) on February 3 and 4, 2022.

- Thirteen (13) of the 28 soil vapor samples did not contain VOCs in excess of residential ESLs.

- The remaining 15 soil vapor samples contained concentrations of chloroform, PCE and/or TCE. No other VOCs were detected in the soil vapor samples collected on February 3 and 4, 2022.

- A total of 42 soil vapor samples have been collected at the Site and analyzed for VOCs. Vapor phase VOCs detected in excess of respective residential SFB-RWQCB ESLs included benzene (1 sample), TCE (1 sample), chloroform (10 samples) and PCE (10 samples).

- The vapor phase concentrations of VOCs detected on February 3 and 4, 2022 will be mitigated by future excavation activities, off Site soil disposal or the re-compaction of soils and the construction of subterranean parking structures and apartment buildings which will be set upon a concrete foundation underlain by a moisture barrier which will minimize, if not eliminate, the potential for residual VOCs to be considered a vapor intrusion threat.

10.0 RECOMMENDATION

It is our professional opinion that additional soil vapor assessment is not necessary based upon the low concentrations of VOCs detected in soil vapor samples, and the pending excavation of soils and construction of buildings with subterranean parking structures on concrete foundations underlain by moisture barriers.

11.0 LIMITATIONS

The judgments described in this report are professional opinions based solely within the limits of the scope of work authorized, and pertain to conditions judged to be present or applicable at the time the work was performed. Future conditions may differ from those described herein, and this report is not intended for future evaluations of this Site unless an update is conducted by a consultant familiar with environmental assessments.

This report was compiled partially from information supplied to FREY Environmental, Inc. from outside sources, other information that is in the public domain and a visual inspection of the property. FREY Environmental, Inc. makes no warranty as to the accuracy of statements made by others, which may be contained in this report, nor are any other warranties or guarantees, expressed or implied, included or intended by the report, except that it has been prepared in accordance with the current accepted practices and standards consistent with the level of care and skill exercised under similar circumstances by other professional consultants or firms performing similar services. Site conditions may change with time as the result of natural alterations or man-made changes on this or adjacent properties. Future environmental investigations conducted at the Site may reveal site conditions not indicated in the data reviewed by FREY Environmental, Inc.

Additionally, changes in standards or regulations applicable to the Site may occur. The findings of this report may be partially or wholly invalidated by changes of which FREY Environmental, Inc. is not aware or has not had the opportunity to evaluate.

Environmental assessments provide an additional source on information regarding the environmental conditions of a particular property or facility. The report to the Client is a professional opinion and judgment, dependent upon FREY's knowledge and information obtained during the course of performance of the services.

If you should have any questions or concerns, please contact us at (949) 723-1645.

Sincerely,
FREY Environmental Inc.

Joe Frey
Principal Engineering Geologist
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PG#7880

Eli Appelgate
Staff Geologist

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TABLES

TABLE 1
SOIL SAMPLE LABORATORY RESULTS - TPH & VOCs

ONE SAN PEDRO
SAN PEDRO, CALIFORNIA

Results in milligrams per kilogram (mg/kg)

Sample Designation	Sample Depth (feet bgs)	Date	Total TPH (C6-C44) [1]	TPH-gas (C4-C12) [1]	TPH-diesel (C10-C28) [1]	TPH-oil (C23-C44) [1]	Acetone [2]	Benzene [2]	Toluene [2]	Ethyl-benzene [2]
B1	1	11/20/2019	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
	3	11/21/2019	5.9				--	--	--	--
	5	11/20/2019	14	ND<5.0	ND<5.0	ND<5.0	ND<0.042	ND<0.00084	ND<0.00084	ND<0.00084
	10	11/20/2019	ND<4.9	ND<4.9	ND<4.9	ND<4.9	--	--	--	--
	15	11/20/2019	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<0.046	ND<0.00091	ND<0.00091	ND<0.00091
B2	1	11/20/2019	12	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
	5	11/20/2019	6.1	ND<5.0	ND<5.0	ND<5.0	0.046	ND<0.00088	ND<0.00088	ND<0.00088
	10	11/20/2019	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
	15	11/20/2019	64	ND<5.0	25	36.1	ND<0.040	ND<0.00079	ND<0.00079	ND<0.00079
B3	1	11/21/2019	46	ND<5.0	12	49.8	--	--	--	--
	5	11/20/2019	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<0.048	ND<0.00095	ND<0.00095	ND<0.00095
	10	11/20/2019	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
	15	11/20/2019	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<0.042	ND<0.00084	ND<0.00084	ND<0.00084
B4	1	11/20/2019	6.4	ND<4.9	ND<4.9	ND<4.9	--	--	--	--
	5	11/21/2019	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<0.050	ND<0.0010	ND<0.0010	ND<0.0010
	10	11/21/2019	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<0.038	ND<0.00075	ND<0.00075	ND<0.00075
	15	11/21/2019	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<0.070	ND<0.0014	ND<0.0014	ND<0.0014
	20	11/21/2019	5.2	ND<4.9	ND<4.9	ND<4.9	--	--	--	--
	25	11/21/2019	ND<4.9	ND<4.9	ND<4.9	ND<4.9	--	--	--	--
	30	11/21/2019	14	ND<5.0	15	ND<5.0	--	--	--	--
B5	1	11/20/2019	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
	5	11/21/2019	ND<4.9	ND<5.0	ND<5.0	ND<5.0	0.043	ND<0.040	ND<0.00080	ND<0.00080
	10	11/21/2019	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<0.042	ND<0.00083	ND<0.00083	ND<0.00083
	15	11/21/2019	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<0.044	ND<0.00089	ND<0.00089	ND<0.00089
	20	11/21/2019	ND<4.9	ND<4.9	ND<4.9	ND<4.9	--	--	--	--
	25	11/21/2019	390	ND<25	210	259	--	--	--	--
	30	11/21/2019	ND<4.9	ND<4.9	ND<4.9	ND<4.9	--	--	--	--

TABLE 1
SOIL SAMPLE LABORATORY RESULTS - TPH & VOCs

ONE SAN PEDRO
SAN PEDRO, CALIFORNIA

Results in milligrams per kilogram (mg/kg)

Sample Designation	Sample Depth (feet bgs)	Date	Total TPH (C6-C44) [1]	TPH-gas (C4-C12) [1]	TPH-diesel (C10-C28) [1]	TPH-oil (C23-C44) [1]	Acetone [2]	Benzene [2]	Toluene [2]	Ethyl-benzene [2]
B6	1	11/20/2019	7.2	ND<4.9	ND<4.9	ND<4.9	--	--	--	--
	5	11/21/2019	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<0.043	ND<0.00086	ND<0.00086	ND<0.00086
	10	11/21/2019	11	ND<5.0	13	ND<5.0	ND<0.040	ND<0.00080	ND<0.00080	ND<0.00080
	15	11/21/2019	ND<4.8	ND<4.8	ND<4.8	ND<4.8	ND<0.048	ND<0.00096	ND<0.00096	ND<0.00096
	20	11/21/2019	ND<4.9	ND<4.9	ND<4.9	ND<4.9	--	--	--	--
	25	11/21/2019	170	ND<5.0	66	151	--	--	--	--
	30	11/21/2019	ND<4.9	ND<4.9	ND<4.9	ND<4.9	--	--	--	--
B7	1	11/20/2019	ND<4.9	ND<4.9	ND<4.9	ND<4.9	--	--	--	--
	5	11/21/2019	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<0.040	ND<0.0079	ND<0.0079	ND<0.0079
	10	11/21/2019	390	ND<9.8	100	384	ND<0.043	0.00091	0.00085	ND<0.00085
	15	11/21/2019	15	ND<4.9	14	ND<4.9	ND<0.042	ND<0.00084	ND<0.00084	ND<0.00084
	20	11/21/2019	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
	25	11/21/2019	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
	30	11/21/2019	9.8	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
B8	1	11/20/2019	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
	5	11/21/2019	11	ND<4.9	7.9	ND<4.9	ND<0.041	0.00096	0.0022	ND<0.00082
	10	11/21/2019	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<0.038	0.0013	0.0013	0.00095
	15	11/21/2019	39	ND<5.0	14	42.6	ND<0.049	ND<0.00098	ND<0.00098	ND<0.00098
	20	11/21/2019	ND<4.9	ND<4.9	ND<4.9	ND<4.9	--	--	--	--
	25	11/21/2019	26	ND<4.9	16	12.4	--	--	--	--
	30	11/21/2019	13	ND<4.9	10	ND<4.9	--	--	--	--
B9	1	11/21/2019	10	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
	5	11/21/2019	21	ND<4.9	9.7	16.7	ND<0.039	ND<0.00079	ND<0.00079	ND<0.00079
	10	11/21/2019	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<0.039	ND<0.00079	ND<0.00079	ND<0.00079
	15	11/21/2019	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<0.038	ND<0.00076	ND<0.00076	ND<0.00076
	20	11/21/2019	ND<4.9	ND<4.9	ND<4.9	ND<4.9	--	--	--	--
	25	11/21/2019	5.5	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
	30	11/21/2019	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--	--

TABLE 1
SOIL SAMPLE LABORATORY RESULTS - TPH & VOCs

ONE SAN PEDRO
SAN PEDRO, CALIFORNIA

Results in milligrams per kilogram (mg/kg)

Sample Designation	Sample Depth (feet bgs)	Date	Total TPH (C6-C44) [1]	TPH-gas (C4-C12) [1]	TPH-diesel (C10-C28) [1]	TPH-oil (C23-C44) [1]	Acetone [2]	Benzene [2]	Toluene [2]	Ethyl-benzene [2]
B10	6	11/20/2019	7.4	ND<5.0	ND<5.0	ND<5.0	ND<0.048	ND<0.00095	ND<0.00095	ND<0.00095
	15	11/20/2019	ND<4.9	ND<4.9	ND<4.9	ND<4.9	--	--	--	--
B11	6	11/20/2019	ND<5.0	ND<5.0	ND<5.0	ND<5.0	ND<0.050	ND<0.00099	ND<0.00099	ND<0.00099
	15	11/20/2019	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
B12	5	11/20/2019	ND<4.9	ND<4.9	ND<4.9	ND<4.9	ND<0.064	ND<0.0013	ND<0.0013	ND<0.0013
	15	11/20/2019	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
B13	5	11/20/2019	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
B21	1	11/20/2019	110	ND<4.9	18	89	--	--	--	--
B22	5	11/20/2019	ND<5.0	ND<5.0	ND<5.0	ND<5.0	--	--	--	--
SFB-RWQCB - Res. ESLs Direct Exposure [3]			NL	430	260	180,000	61,000	0.33	1,100	5.9
SFB-RWQCB - Res. ESLs Leaching to GW [4]			NL	4,900	7,300	NL	0.92	0.025	10	0.43
DTSC Residential Screening Levels [5]			NL	NL	2,500	NL	NL	0.33	1,100	NL

Notes:

[1] Analyzed in accordance with EPA Method No. 8015B.
The TPH-gas and TPH-oil carbon ranges from the California Leaking Underground Fuel Tank Manual. The TPH-diesel carbon range from eurofins/Calscience.

[2] Analyzed in accordance with EPA Method No. 8260B. Only detected compounds are listed in this table.

[3] SFB-RWQCB = San Francisco Bay - Regional Water Quality Control Board Environmental Screening Levels for Residential Land Use Scenario. January 2019. Rev 1.
Direct exposure to human health risk level. Table S-1.

[4] SFB-RWQCB residential ESL. Leaching to groundwater levels (non-drinking water). Table S-3.

[5] DTSC = Department of Toxic Substance Control (DTSC) Residential Screening Levels from Human and Ecological Risk Office (HERO) Note 3. Table 1. June 2020.

[6] ND = not detected above laboratory detection limit. NL = concentration not listed for compound.

TABLE 2
SOIL SAMPLE LABORATORY RESULTS - PAHs

ONE SAN PEDRO
SAN PEDRO, CALIFORNIA

All concentrations in milligrams per kilogram (mg/kg)

Soil Boring	Sample Depth (feet)	Sample Date	Phenanthrene	Flouranthene	Pyrene	Indeno [1,2,3-cd] pyrene	Benzo(a) Anthracene	Chrysene	Benzo (b) Flouranthene	Benzo (k) Flouranthene	Benzo (a) Pyrene	Benzo (g,h,i) Perylene
B1	1	11/20/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	3	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	5	11/20/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	10	11/20/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
B2	1	11/20/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	3	11/20/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	5	11/20/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	10	11/20/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
B3	1	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	3	11/20/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	5	11/20/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	10	11/20/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
B4	1	11/20/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	3	11/20/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	5	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	10	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	15	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	20	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.65
	25	11/21/2019	ND<0.50	0.56	0.84	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.65
	30	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
B5	1	11/20/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	3	11/20/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	5	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	10	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	15	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	20	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	25	11/21/2019	1.8	3.9	6.4	3.2	1.9	2.7	2.4	1.9	3.8	5.9
	30	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50

TABLE 2
SOIL SAMPLE LABORATORY RESULTS - PAHs

ONE SAN PEDRO
SAN PEDRO, CALIFORNIA

All concentrations in milligrams per kilogram (mg/kg)

Soil Boring	Sample Depth (feet)	Sample Date	Phenanthrene	Flouranthene	Pyrene	Indeno [1,2,3-cd] pyrene	Benzo(a) Anthracene	Chrysene	Benzo (b) Flouranthene	Benzo (k) Flouranthene	Benzo (a) Pyrene	Benzo (g,h,i) Perylene
B6	1	11/20/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	3	11/20/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	5	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	10	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	15	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	20	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	0.65
	25	11/21/2019	ND<0.50	1.1	2.0	2.1	0.75	0.95	1.3	1.2	2.3	3.6
	30	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
B7	1	11/20/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	3	11/20/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	5	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	10	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	15	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	20	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	25	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	30	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
B8	1	11/20/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	3	11/20/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	5	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	10	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	15	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	20	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	25	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	30	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50

TABLE 2
SOIL SAMPLE LABORATORY RESULTS - PAHs

ONE SAN PEDRO
SAN PEDRO, CALIFORNIA

All concentrations in milligrams per kilogram (mg/kg)

Soil Boring	Sample Depth (feet)	Sample Date	Phenanthrene	Flouranthene	Pyrene	Indeno [1,2,3-cd] pyrene	Benzo(a) Anthracene	Chrysene	Benzo (b) Flouranthene	Benzo (k) Flouranthene	Benzo (a) Pyrene	Benzo (g,h,i) Perylene
B9	1	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	3	11/20/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	5	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	10	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	15	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	20	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	25	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
	30	11/21/2019	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50	ND<0.50
SFB-RWQCB-Res. ESLs Direct Exp. [2]			NL	2,400	1,800	1.1	1.1	110	1.1	11	0.11	NL
SFB-RWQCB-Res. ESLs Leach to GW [3]			11	86	45	32	10	10	75	39	5.7	27
DTSC Residential Screening Levels [4]			NL	2,400	NL	1.1	1.1	110	1.1	11	0.11	NL

Notes:

[1] Analyzed in accordance with EPA Method No. 8270-SIM. Only detected compounds are listed in this table.

[2] SFB-RWQCB = San Francisco Bay - Regional Water Quality Control Board Environmental Screening Levels for Residential Land Use Scenario. January 2019. Rev 1. Direct exposure to human health risk level. Table S-1.

[3] SFB-RWQCB residential ESL. Leaching to groundwater levels (non-drinking water). Table S-3.

[4] DTSC = Department of Toxic Substance Control (DTSC) Residential Screening Levels from Human and Ecological Risk Office (HERO) Note 3. Table 1. June 2020.

[5] ND = not detected above laboratory detection limit. NL = concentration not listed for compound.

TABLE 3
SOIL SAMPLE LABORATORY RESULTS - METALS

ONE SAN PEDRO
SAN PEDRO, CALIFORNIA

Concentrations in milligrams per kilogram (mg/kg)

Soil Boring	Sample Depth (ft-bgs)	Date Sampled	METALS [1]																
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
B1	1	11/20/2019	ND<0.750	2.05	93.5	0.420	ND<0.500	12.6	5.37	7.18	2.99	ND<0.0862	ND<0.250	7.36	ND<0.750	ND<0.250	ND<0.750	22.2	24.2
B1	3	11/21/2019	ND<0.765	3.45	124	0.378	ND<0.510	13.5	4.83	10.8	3.90	ND<0.0877	0.338	8.72	ND<0.765	ND<0.255	ND<0.765	22.8	26.9
B2	1	11/20/2019	ND<0.721	4.12	112	0.394	0.672	16.2	4.65	17.1	20.1	ND<0.0794	0.565	10.6	ND<0.721	0.407	ND<0.721	22.4	52.2
B3	1	11/21/2019	ND<0.758	6.16	137	0.411	1.36	18.7	5.03	23.2	32.8	ND<0.0847	0.410	11.8	ND<0.758	0.578	ND<0.758	25.3	74.0
B4	1	11/20/2019	1.84	10.3	139	0.503	ND<0.513	22.4	6.30	15.9	7.69	ND<0.0794	1.00	15.2	ND<0.769	ND<0.256	0.882	37.7	49.2
B5	1	11/20/2019	ND<0.789	4.43	158	0.535	ND<0.526	18.3	6.09	8.75	0.838	ND<0.0820	0.656	13.8	ND<0.789	ND<0.263	ND<0.789	33.0	32.6
B6	1	11/20/2019	ND<0.714	4.69	146	0.628	ND<0.476	23.0	7.81	17.2	9.74	ND<0.0833	ND<0.238	15.0	ND<0.714	0.353	ND<0.714	36.0	57.0
B7	1	11/20/2019	ND<0.765	7.78	147	0.661	ND<0.510	22.3	8.21	15.5	3.03	ND<0.0794	0.441	16.2	ND<0.765	ND<0.255	ND<0.765	39.0	47.7
B8	1	11/20/2019	ND<0.718	3.67	87.2	0.322	ND<0.478	8.84	3.49	5.66	1.17	ND<0.0820	ND<0.239	6.64	0.822	ND<0.239	ND<0.718	16.2	21.4
B9	1	11/21/2019	ND<0.746	5.34	157	0.664	0.520	24.1	8.24	25.5	12.5	ND<0.0847	ND<0.249	18.3	ND<0.746	0.273	ND<0.746	37.9	57.5
B10	1	11/20/2019	ND<0.754	3.85	133	0.551	ND<0.503	16.7	7.96	24.5	1.56	ND<0.0806	ND<0.251	16.8	ND<0.754	ND<0.251	ND<0.754	33.8	39.4
B11	1	11/20/2019	ND<0.728	4.74	137	0.578	ND<0.485	21.8	7.22	23.5	16.8	ND<0.0833	ND<0.243	14.8	ND<0.728	ND<0.243	ND<0.728	34.2	81.2
B12	1	11/20/2019	ND<0.735	4.24	171	0.474	ND<0.490	17.2	6.61	12.6	28.8	ND<0.0794	ND<0.245	12.9	ND<0.735	ND<0.245	ND<0.735	30.0	60.9
B13	1	11/20/2019	ND<0.721	2.92	185	0.478	ND<0.481	16.6	6.81	11.4	14.4	0.176	ND<0.240	12.2	ND<0.721	ND<0.240	ND<0.721	31.0	49.7
B17	1	11/20/2019	ND<0.754	4.63	156	0.660	ND<0.503	20.5	9.19	23.0	4.59	ND<0.0794	ND<0.251	17.1	ND<0.754	ND<0.251	ND<0.754	40.2	47.7
B18	1	11/20/2019	ND<0.761	8.84	166	0.733	ND<0.508	22.0	10.6	31.4	2.26	ND<0.0820	ND<0.254	20.9	ND<0.761	ND<0.254	ND<0.761	46.1	55.1
B19	1	11/20/2019	ND<0.721	4.96	148	0.634	ND<0.481	20.6	6.93	19.1	3.16	ND<0.0862	ND<0.240	15.4	ND<0.721	ND<0.240	ND<0.721	39.5	44.3
B20	1	11/20/2019	ND<0.773	12.1	168	0.693	ND<0.515	24.0	10.5	37.0	7.41	ND<0.0877	ND<0.258	22.7	ND<0.773	ND<0.258	ND<0.773	41.7	60.6
B21	1	11/20/2019	ND<0.773	0.956	283	0.304	ND<0.515	9.22	5.28	6.58	1.41	0.135	ND<0.258	8.91	ND<0.773	ND<0.258	ND<0.773	17.1	27.7
B22	1	11/20/2019	ND<0.765	1.76	171	0.301	ND<0.510	11.3	5.87	8.97	7.52	ND<0.0806	ND<0.255	8.94	ND<0.765	ND<0.255	ND<0.765	19.1	44.0
B24	1	11/20/2019	ND<0.758	4.63	246	0.461	ND<0.505	15.0	7.69	21.9	40.4	ND<0.0794	ND<0.253	13.9	ND<0.758	ND<0.253	ND<0.758	27.5	115
B26	1	11/20/2019	ND<0.754	3.00	123	0.511	ND<0.503	16.2	7.37	19.1	20.3	ND<0.0794	ND<0.251	14.6	ND<0.754	ND<0.251	ND<0.754	31.2	55.6
SFB-RWQCB Residential ESLs [2]			11	0.067	15,000	16	78	120,000	23	3,100	80	13	390	820	390	390	0.78	390	23,000
DTSC Residential Screening Levels [3]			NL	12	NL	16	71	NL	NL	NL	80	1.0	NL	820	NL	NL	0.78	NL	NL

Notes:

[1] Soil samples were analyzed for Title 22 metals in accordance with EPA Method No. 6010B, with the exception of Mercury which was analyzed in accordance with EPA Method 7471.
[2] SFB-RWQCB = San Francisco Bay - Regional Water Quality Control Board - Environmental Screening Levels for Residential Land Use Scenario. January 2019. Rev 1.
[3] DTSC = Department of Toxic Substance Control (DTSC) Residential Screening Levels from Human and Ecological Risk Office (HERO) Note 3. Table 1. June 2020.
The arsenic concentration from DTSC published "Determination of a Southern California Regional Background Arsenic Concentration in Soil". August 2008.
[4] ft bgs = feet below the ground surface
[5] ND = not detected above laboratory detection limit.
[6] NL = value not listed for the compound.

TABLE 4
SOIL VAPOR SAMPLE LABORATORY RESULTS

ONE SAN PEDRO
SAN PEDRO, CALIFORNIA

Concentrations in micrograms per cubic meter (ug/m3)

Sample ID	Location	Sample Date	Acetone	Benzene	Chloro form	Chloro methane	DCDFM	Ethyl benzene	IPA/ Isobutane	2-Butanone (MEK)	PCE	1,1,1-TCA	TCE	Toluene	Total Xylenes
B2	Building 8	11/26/2019	7.0	ND<1.7	ND<2.7	ND<1.1	ND<2.7	ND<2.4	59	ND<4.8	ND<3.7	ND<3.0	ND<2.9	ND<2.0	ND<9.4
B4	Building 8	11/26/2019	21	ND<2.1	ND<3.2	ND<1.4	ND<3.3	3.2	93	7.3	ND<4.5	ND<3.6	ND<3.6	ND<2.5	42
B6	Building 8	11/26/2019	33	ND<1.9	ND<2.9	ND<1.2	ND<5.6	ND<2.5	68	ND<5.2	ND<4.0	ND<3.2	ND<3.2	ND<2.2	ND<10
B8	Building 6	11/26/2019	21	ND<3.6	ND<5.6	ND<2.4	ND<5.6	ND<5.0	95	ND<10	8.5	ND<6.2	ND<6.1	ND<4.3	ND<20
B11	M & M Building	11/26/2019	8.4	ND<1.9	15	ND<1.2	ND<3.0	ND<2.6	ND<15	ND<5.3	61	3.6	ND<3.2	ND<2.3	ND<10
B12	M & M Building	11/26/2019	74	19	ND<2.7	ND<1.1	ND<2.7	2.4	ND<13	ND<4.8	140	ND<3.0	6.4	3.0	3.0
B18	Building 31	11/26/2019	9.2	ND<1.8	ND<2.8	ND<1.2	ND<2.8	ND<2.5	54	ND<5.1	ND<3.9	ND<3.1	ND<3.1	ND<2.2	ND<10
B20M	Building 31	11/26/2019	15	ND<1.8	9.1	ND<1.2	ND<2.8	ND<2.4	99	ND<5.0	4.3	ND<3.1	ND<3.0	ND<2.1	ND<9.7
B21	Storage Yard	11/26/2019	26	ND<1.8	ND<2.7	ND<1.1	3.1	ND<2.4	30	5.0	ND<3.8	ND<3.0	ND<3.0	ND<2.1	ND<9.6
B22	Storage Yard	11/26/2019	28	ND<1.6	ND<2.4	ND<1.0	ND<2.5	ND<2.2	59	6.1	4.9	ND<2.7	ND<2.7	ND<1.9	ND<8.7
B23	Building 45	11/26/2019	14	ND<1.7	ND<2.6	ND<1.1	3.2	ND<2.3	40	ND<4.4	4.3	ND<2.9	ND<2.9	2.0	ND<9.3
B24	Building 24	11/26/2019	16	ND<1.6	ND<2.4	ND<1.0	ND<2.5	ND<2.2	33	ND<4.4	6.1	ND<2.7	ND<2.7	2.2	ND<8.7
B25	Building 25	11/26/2019	9.3	ND<1.6	ND<2.4	1.1	2.8	ND<2.2	14	ND<4.4	ND<3.4	ND<2.7	ND<2.7	ND<1.9	ND<8.7
B26	Building 25	11/26/2019	13	ND<1.6	ND<2.4	ND<1.0	ND<2.5	ND<2.2	31	ND<4.4	ND<3.4	ND<2.7	ND<2.7	ND<1.9	ND<8.7
VP1	Building 6	02/03/2022	ND<1,000	ND<3	ND<4	ND<1,000	ND<1,000	ND<30	ND<1,000	ND<1,000	ND<10	ND<1,000	ND<10	ND<1,000	ND<1,000
NP1-5	M & M Building	02/03/2022	ND<1,000	ND<3	106	ND<1,000	ND<1,000	ND<30	ND<1,000	ND<1,000	10	ND<1,000	ND<10	ND<1,000	ND<1,000
NP1-15	M & M Building	02/03/2022	ND<1,000	ND<3	55	ND<1,000	ND<1,000	ND<30	ND<1,000	ND<1,000	21	ND<1,000	ND<10	ND<1,000	ND<1,000
NP1-30	M & M Building	02/03/2022	ND<1,000	ND<3	22	ND<1,000	ND<1,000	ND<30	ND<1,000	ND<1,000	10	ND<1,000	ND<10	ND<1,000	ND<1,000
NP2-5	M & M Building	02/03/2022	ND<1,000	ND<3	ND<4	ND<1,000	ND<1,000	ND<30	ND<1,000	ND<1,000	ND<10	ND<1,000	ND<10	ND<1,000	ND<1,000
NP2-15	M & M Building	02/03/2022	ND<1,000	ND<3	ND<4	ND<1,000	ND<1,000	ND<30	ND<1,000	ND<1,000	ND<10	ND<1,000	ND<10	ND<1,000	ND<1,000
NP2-30	M & M Building	02/03/2022	ND<1,000	ND<3	ND<4	ND<1,000	ND<1,000	ND<30	ND<1,000	ND<1,000	ND<10	ND<1,000	ND<10	ND<1,000	ND<1,000
NP3-5	Building 18	02/04/2022	ND<1,000	ND<3	ND<4	ND<1,000	ND<1,000	ND<30	ND<1,000	ND<1,000	ND<10	ND<1,000	17	ND<1,000	ND<1,000
NP3-15	Building 18	02/04/2022	ND<1,000	ND<3	ND<4	ND<1,000	ND<1,000	ND<30	ND<1,000	ND<1,000	23	ND<1,000	13	ND<1,000	ND<1,000
NP3-30	Building 18	02/04/2022	ND<1,000	ND<3	7	ND<1,000	ND<1,000	ND<30	ND<1,000	ND<1,000	28	ND<1,000	11	ND<1,000	ND<1,000
NP4-5	Building 18	02/03/2022	ND<1,000	ND<3	ND<4	ND<1,000	ND<1,000	ND<30	ND<1,000	ND<1,000	ND<10	ND<1,000	ND<10	ND<1,000	ND<1,000
NP4-15	Building 18	02/03/2022	ND<1,000	ND<3	ND<4	ND<1,000	ND<1,000	ND<30	ND<1,000	ND<1,000	ND<10	ND<1,000	ND<10	ND<1,000	ND<1,000
NP4-30	Building 18	02/03/2022	ND<1,000	ND<3	4	ND<1,000	ND<1,000	ND<30	ND<1,000	ND<1,000	22	ND<1,000	ND<10	ND<1,000	ND<1,000
NP5-5	M & M Building	02/03/2022	ND<1,000	ND<3	ND<4	ND<1,000	ND<1,000	ND<30	ND<1,000	ND<1,000	ND<10	ND<1,000	ND<10	ND<1,000	ND<1,000
NP5-15	M & M Building	02/03/2022	ND<1,000	ND<3	6	ND<1,000	ND<1,000	ND<30	ND<1,000	ND<1,000	ND<10	ND<1,000	ND<10	ND<1,000	ND<1,000
NP5-30	M & M Building	02/03/2022	ND<1,000	ND<3	ND<4	ND<1,000	ND<1,000	ND<30	ND<1,000	ND<1,000	ND<10	ND<1,000	ND<10	ND<1,000	ND<1,000

TABLE 4
SOIL VAPOR SAMPLE LABORATORY RESULTS

ONE SAN PEDRO
SAN PEDRO, CALIFORNIA

Concentrations in micrograms per cubic meter (ug/m3)

Sample ID	Location	Sample Date	Acetone	Benzene	Chloro form	Chloro methane	DCDFM	Ethyl benzene	IPA/ Isobutane	2-Butanone (MEK)	PCE	1,1,1-TCA	TCE	Toluene	Total Xylenes
NP6-5	Playground	02/04/2022	ND<1,000	ND<3	ND<4	ND<1,000	ND<1,000	ND<30	ND<1,000	ND<1,000	ND<10	ND<1,000	ND<10	ND<1,000	ND<1,000
NP6-15	Playground	02/04/2022	ND<1,000	ND<3	ND<4	ND<1,000	ND<1,000	ND<30	ND<1,000	ND<1,000	10	ND<1,000	ND<10	ND<1,000	ND<1,000
NP6-30	Playground	02/04/2022	ND<1,000	ND<3	ND<4	ND<1,000	ND<1,000	ND<30	ND<1,000	ND<1,000	29	ND<1,000	12	ND<1,000	ND<1,000
NP7-5	M & M Building	02/03/2022	ND<1,000	ND<3	ND<4	ND<1,000	ND<1,000	ND<30	ND<1,000	ND<1,000	ND<10	ND<1,000	ND<10	ND<1,000	ND<1,000
NP7-15	M & M Building	02/03/2022	ND<1,000	ND<3	ND<4	ND<1,000	ND<1,000	ND<30	ND<1,000	ND<1,000	ND<10	ND<1,000	ND<10	ND<1,000	ND<1,000
NP7-30	M & M Building	02/03/2022	ND<1,000	ND<3	7	ND<1,000	ND<1,000	ND<30	ND<1,000	ND<1,000	ND<10	ND<1,000	ND<10	ND<1,000	ND<1,000
NP8-5	Building 1	02/03/2022	ND<1,000	ND<3	ND<4	ND<1,000	ND<1,000	ND<30	ND<1,000	ND<1,000	21	ND<1,000	ND<10	ND<1,000	ND<1,000
NP8-15	Building 1	02/03/2022	ND<1,000	ND<3	ND<4	ND<1,000	ND<1,000	ND<30	ND<1,000	ND<1,000	37	ND<1,000	10	ND<1,000	ND<1,000
NP8-30	Building 1	02/03/2022	ND<1,000	ND<3	ND<4	ND<1,000	ND<1,000	ND<30	ND<1,000	ND<1,000	39	ND<1,000	11	ND<1,000	ND<1,000
NP9-5	Building 5	02/03/2022	ND<1,000	ND<3	33	ND<1,000	ND<1,000	ND<30	ND<1,000	ND<1,000	10	ND<1,000	ND<10	ND<1,000	ND<1,000
NP9-15	Building 5	02/03/2022	ND<1,000	ND<3	80	ND<1,000	ND<1,000	ND<30	ND<1,000	ND<1,000	12	ND<1,000	ND<10	ND<1,000	ND<1,000
NP9-30	Building 5	02/03/2022	ND<1,000	ND<3	ND<4	ND<1,000	ND<1,000	ND<30	ND<1,000	ND<1,000	11	ND<1,000	ND<10	ND<1,000	ND<1,000
SFB-RWQCB Residential ESLs [2]			1.0×10^6	3.2	4.1	3,100	NL	37	NL	1.7×10^5	15	35,000	16	10,000	3,500
DTSC Residential Screening Levels [3]			NL	3.2	NL	NL	NL	NL	NL	NL	15	33,333	67	10,333	NL

[1] M & M Building is the Maintenance and Management building at 275 West 1st Street.
[2] San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels. January 2019 (Rev. 3).
Subslab/Soil Gas Vapor Instrusion: Human Health Risk Levels (Table SG-1). Residential land use.
DTSC Human Health Risk Assessment Note 3. Ambient air values from Table 3. June 2020.
[3] The ambient air values were divided by an attenuation factor of 0.03 per the DTSC's "Screening and Evaluating Vapor Intrusion, Draft for Public Comment". February 2020.
The ambient air value for TCE (2 ug/m^3) is from HERO Note 5 issued on August 23, 2014.
[4] Soil vapor samples from 2019 and 2022 analyzed in accordance with EPA Method No. TO-15 and 8260B, respectively. Only detected compounds are shown in this table.
[5] Isopropyl alcohol Isobutane used as a tracer gas for samples collected in 2019 and 2022, respectively.
[6] NL = No value listed for the compound. ND = Not detected above the listed detection limit.

DCDFM = dichlorodifluoromethane
IPA = isopropanol
MEK =methyl ethyl ketone
PCE = tetrachloroethene
1,1,1-TCA = 1,1,1-trichloroethane
TCE = trichloroethene

FIGURES

NOTE:

1. Base map from USGS 7.5 minute San Pedro & Torrance (dated 2018) California topographic quadrangle

0 1/2 1

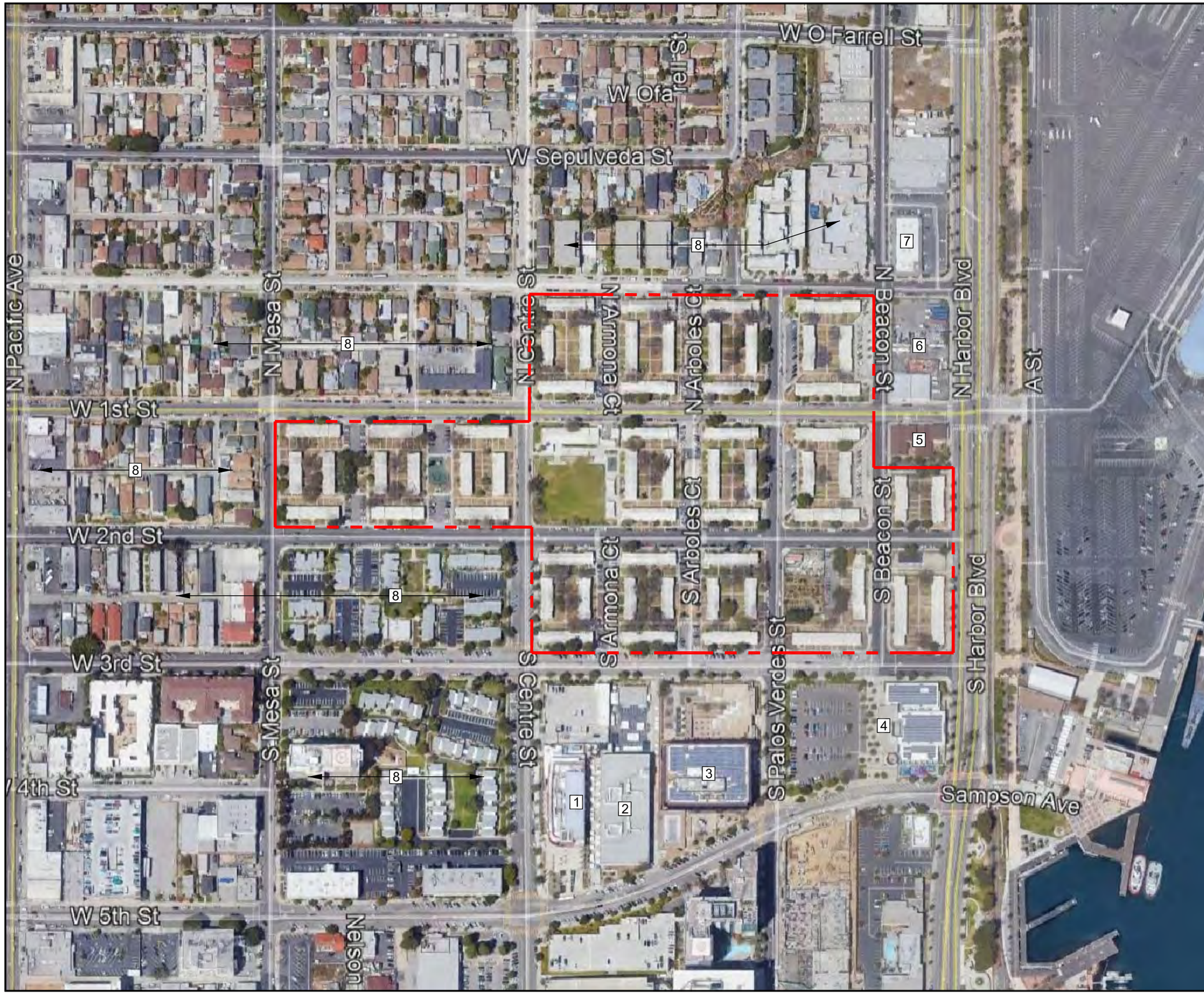
APPROXIMATE SCALE IN MILES

SITE LOCATION MAP

ONE SAN PEDRO
SAN PEDRO, CALIFORNIA

FREY ENVIRONMENTAL, INC.

CLIENT:	PROJECT No.:	DATE:
THE RICHMAN GROUP OF CLAIFORNIA	759-13	11/2019
FILE NAME: 759-13-SL.DWG	**FIGURE 1**	



LOCATION	BUSINESS ADDRESS	DESCRIPTION
SITE		
1	330 S. Centre Street	Port of L.A. Police Station
2	250 W. 5th Street	Port of L.A. High School
3	425 S. Palo Verde Street	Port of L.A. Administration Building
4	100 W. 5th Street	Port of L.A. Boys & Girls Club
5	101 S. Harbor Boulevard	Union Missionary Baptist Church
6	No Address	Storage Yard & Vacant Building
7	203 N. Harbor Boulevard	West Marine
8	Multiple Addresses	Residential Properties

SITE BOUNDARY

NOTES:

1. All locations and dimensions are approximate.
2. Site Sketch from Google Earth Aerial Photo.

0 250 500

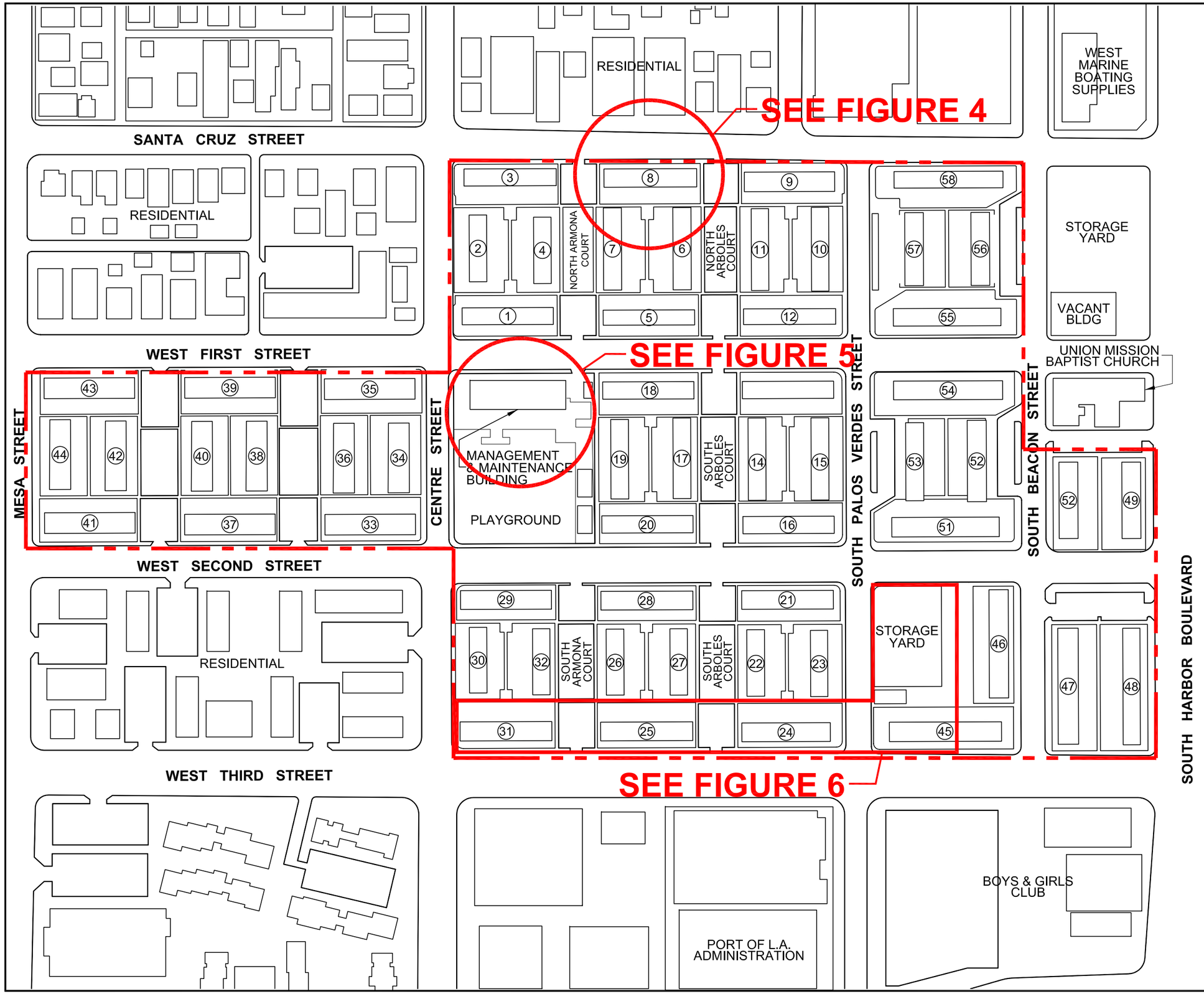
APPROXIMATE SCALE IN FEET

SITE VICINITY SKETCH

ONE SAN PEDRO DEVELOPMENT
SAN PEDRO, CALIFORNIA

FREY ENVIRONMENTAL, INC.

CLIENT:	PROJECT No.:	DATE:
THE RICHMAN GROUP OF CLAIFORNIA	759-13	05/2019
FILE NAME: 759-13-VC.DWG	FIGURE 2	



LEGEND

SITE BOUNDARY

③ BUILDING 3

NOTES:

1. All locations and dimensions are approximate.
2. Site Sketch from Google Earth Aerial Photo.

0 150 300

APPROXIMATE SCALE IN FEET

SITE SKETCH SHOWING AREAS OF INVESTIGATION

ONE SAN PEDRO
SAN PEDRO, CALIFORNIA

FREY ENVIRONMENTAL, INC.

CLIENT:	PROJECT No.:	DATE:
THE RICHMAN GROUP OF CALIFORNIA	759-13	03/2022
FILE NAME: 759-13-VC3.DWG	**FIGURE 3**	

LEGEND

B13 ●	SOIL BORING LOCATION
B11 ■	SOIL BORING/VAPOR PROBE LOCATION
VP1 +	SOIL VAPOR PROBE LOCATION
③	BUILDING 3

NOTES:

1. All locations and dimensions are approximate.
2. Site Sketch from Google Earth Aerial Photo.

0 30 60

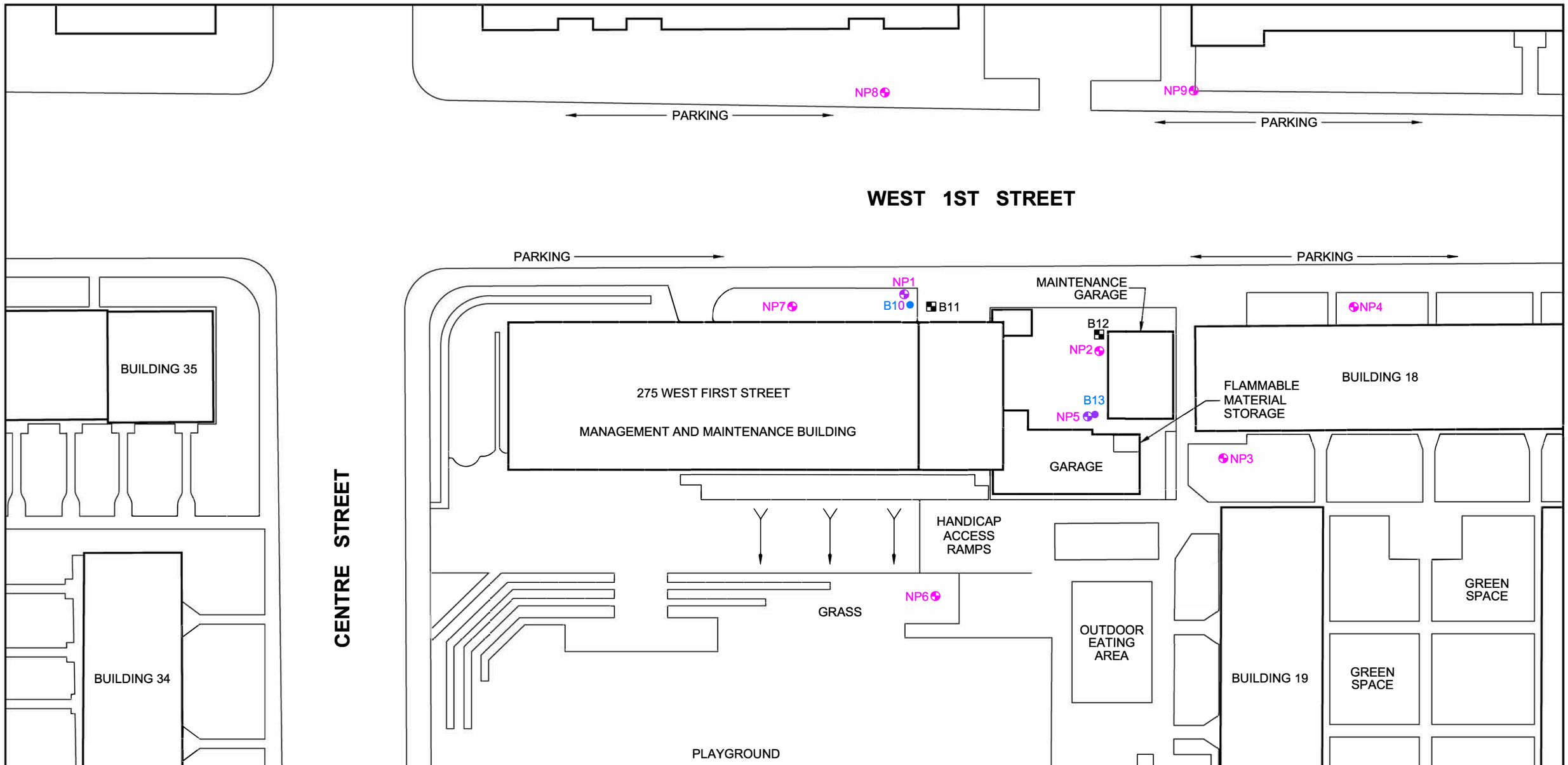
APPROXIMATE SCALE IN FEET

SITE SKETCH SHOWING SOIL BORING AND SOIL VAPOR PROBE LOCATIONS AT BUILDING 8

231-243 W SANTA CRUZ STREET
SAN PEDRO, CALIFORNIA

FREY ENVIRONMENTAL, INC.

CLIENT:	PROJECT No.:	DATE:
THE RICHMAN GROUP OF CLAIFORNIA	759-13	03/2022
FILE NAME: 759-13-ST2.DWG	**FIGURE 4**	



LEGEND

B13 ●	SOIL BORING LOCATION
B11 ■	SOIL BORING/VAPOR PROBE LOCATION
NP6 ◕	NESTED SOIL VAPOR PROBE LOCATION

NOTES:

1. All locations and dimensions are approximate.
2. Site Sketch from Google Earth Aerial Photo.

0 30 60

APPROXIMATE SCALE IN FEET

SITE SKETCH SHOWING SOIL BORING AND SOIL VAPOR PROBE LOCATIONS AT THE MANAGEMENT AND MAINTENANCE BUILDING

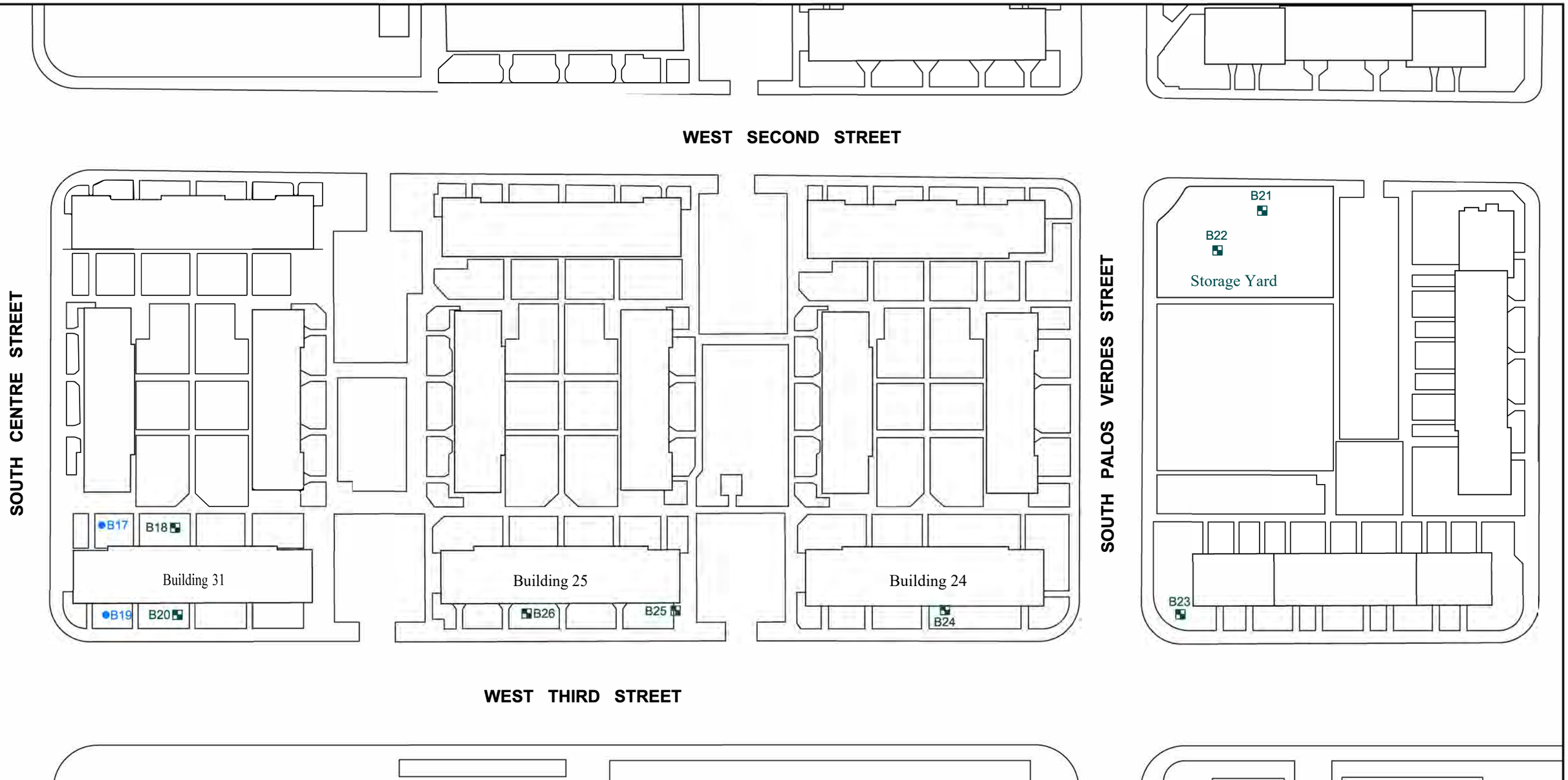
275 W 1ST STREET
SAN PEDRO, CALIFORNIA

FREY ENVIRONMENTAL, INC.

CLIENT:	PROJECT No.:	DATE:
THE RICHMAN GROUP OF CLAIFORNIA	759-13	02/2022

FILE NAME: 759-13-ST2.DWG

FIGURE 5



LEGEND

B13 ● SOIL BORING LOCATION

B11 ■ SOIL BORING/VAPOR PROBE LOCATION

NOTES:

1. All locations and dimensions are approximate.
2. Site Sketch from Google Earth Aerial Photo.

0 60 120

APPROXIMATE SCALE IN FEET

SITE SKETCH SHOWING SOIL BORING AND VAPOR PROBE LOCATIONS AT BUILDINGS 24, 25 & 31 AND IN THE STORAGE YARD

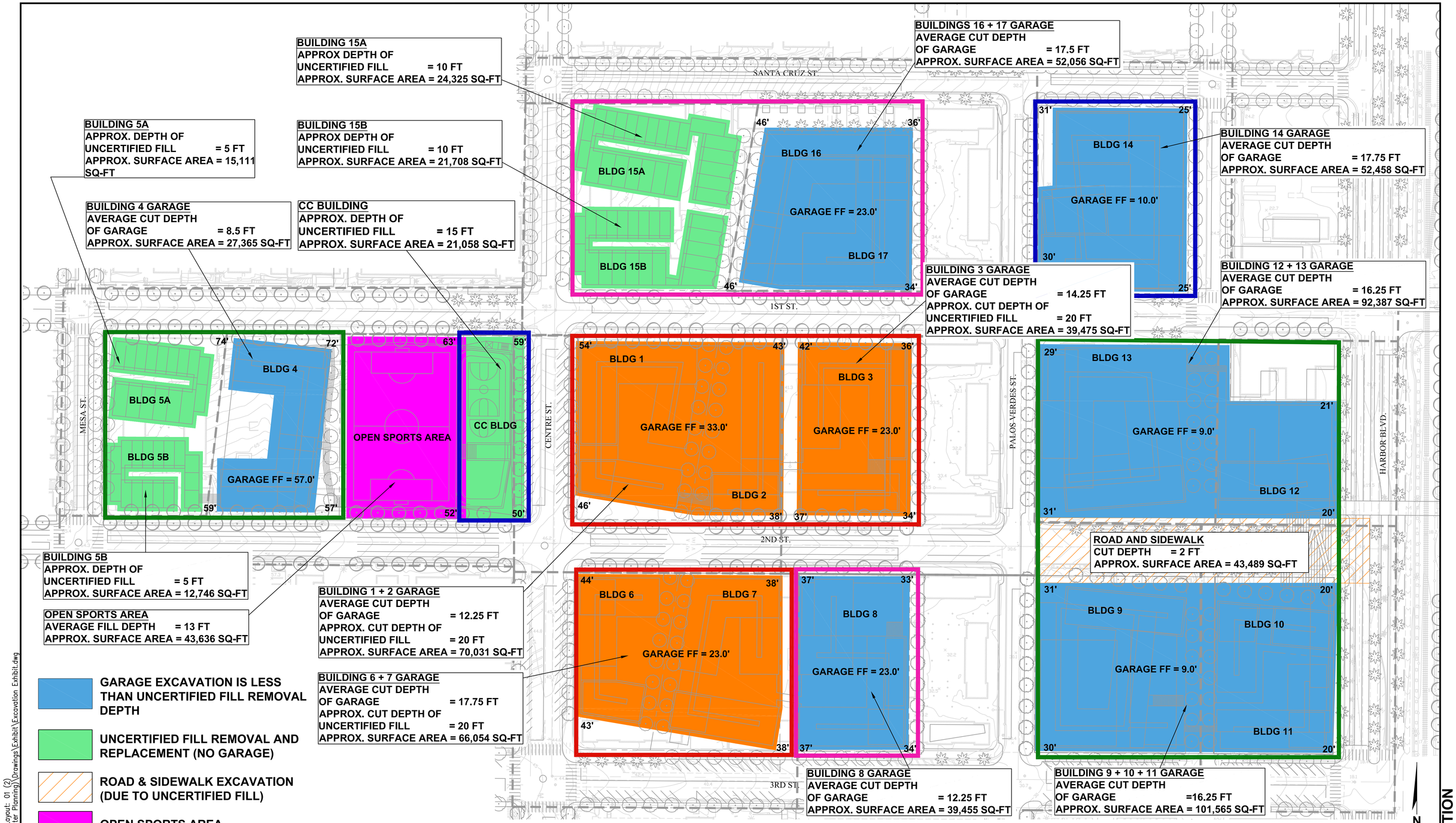
120-274 W 3RD STREET
SAN PEDRO, CALIFORNIA

FREY ENVIRONMENTAL, INC.

CLIENT:	PROJECT No.:	DATE:
THE RICHMAN GROUP OF CLAIFORNIA	759-13	12/2019
FILE NAME: 759-13-ST2.DWG	**FIGURE 6**	

APPENDIX A

FUTURE SOIL EXCAVATION LOCATIONS AND DEPTHS



GARAGE EXCAVATION IS LESS THAN UNCERTIFIED FILL REMOVAL DEPTH

UNCERTIFIED FILL REMOVAL AND REPLACEMENT (NO GARAGE)

ROAD & SIDEWALK EXCAVATION (DUE TO UNCERTIFIED FILL)

OPEN SPORTS AREA

GARAGE EXCAVATION IS MORE THAN UNCERTIFIED FILL REMOVAL DEPTH

FILL BOUNDARY TO REPRESENT DIFFERENT DEPTHS OF UNCERTIFIED FILL PER GEOTECHNICAL ENGINEER. GREEN REPRESENTS 5 FEET, MAGENTA REPRESENTS 10 FEET, BLUE REPRESENTS 15 FEET AND RED REPRESENTS 20 FEET.

NOT FOR CONSTRUCTION

Plotted: Sep 10, 2021 – 2:51pm anunez Layout: 01 (2)
L:\2021\2100150 – One San Pedro (GradingMaster Planning)\Drawings\Exhibit\Excavation Exhibit.dwg

kpff
400 Oceangate, Suite 500
Long Beach, California 90802
(562) 437-9100 Fax (562) 437-9200

NO.	DATE	BY	REVISION

RANCHO SAN PEDRO
SAN PEDRO, CA

EARTHWORK EXHIBIT 'A'

DRAWN: TM	PROJECT NO: 2100150
DESIGN: LM	SCALE: AS SHOWN
CHECKED: LM	DATE: 8/27/2021
DRAWING NO.	
SHEET NO. 1 OF 1	

APPENDIX B

FIELD PROCEDURES

FIELD PROCEDURES

B.1 HAND AUGER DRILLING AND 5-FOOT VAPOR PROBE INSTALLATION PROCEDURES

1. The hand auger soil boring was drilled with a hand operated auger with a 3.5-inch diameter auger to 5.5 feet bgs.

2. The soil vapor probe was installed in its respective boring and constructed of 0.25-inch diameter Nylaflow tube.

2. The vapor sample port was set at approximately 5 feet bgs.

3. The vapor implant was encased in screen washed 8x20 mesh Monterey sand. Sand backfill material was placed to a depth of 0.5 feet above and below of each vapor implant.

4. One foot of dry bentonite granules was placed on top of each sandpack interval.

5. Hydrated bentonite crumbles extended to approximately 6-inches below surface grade.

6. The top of each vapor probe implant was completed with a traffic rated wellbox set in concrete.

B.2 DIRECT-PUSH SOIL BORING PROCEDURES

1. Direct push soil borings were advanced with a Geoprobe 6600, track or truck-mounted, hydraulic direct-push rig.

2. Soil samples were collected using a 1-inch diameter split spoon sampler.

3. A portion of soil was removed from the sampler to characterize the lithology and to observe for the of presence of soil staining or odors indicative of a chemical release

4. The remaining soil in the sampler was collected in a Ziploc bag, sealed, and allowed to equilibrate for 15 minutes before a headspace reading for UVOCs was taken with a PID.

B.3 TRIPLE-NESTED SOIL VAPOR PROBE INSTALLATION

1. Triple-nested soil vapor probes were installed in their respective borings and constructed of 0.25-inch diameter Nylaflow tubes.

2. The vapor sample ports were set at approximately 5, 15, and 30 feet bgs.

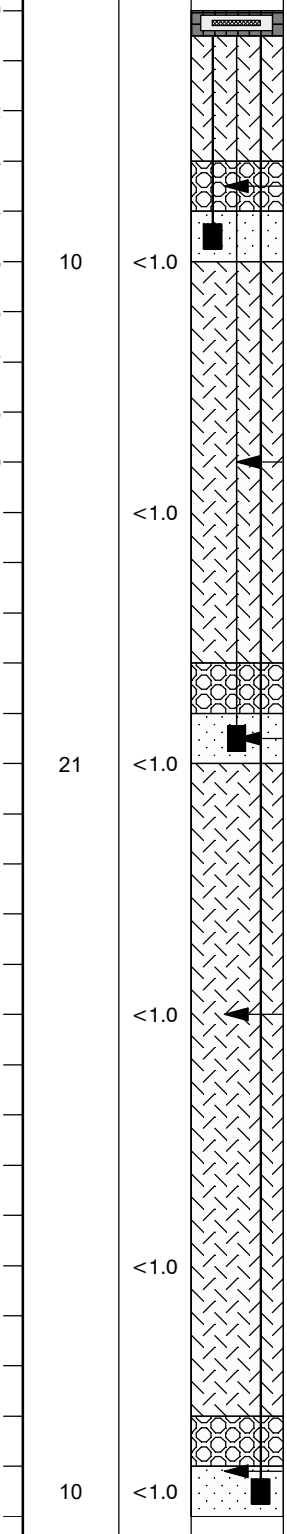
3. The vapor implant was encased in screen washed 8x20 mesh Monterey sand. Sand backfill material was placed to a depth of 0.5 feet above and below of each vapor implant.

4. One foot of dry bentonite granules was placed on top of each sandpack interval.
5. Neat cement extended to approximately 6-inches below the next sample port.
6. Steps 3 through 5 were repeated for the sample ports located at 15 and 5 feet bgs.
7. The top of each vapor probe implant was completed with a traffic rated well box set in concrete.

APPENDIX C

BORINGS LOGS

Date drilled/completed	January 27, 2022	Boring depth	Approx. 30 feet BGS
Geologist	Eli Applegate	Initial depth to water	Not Encountered
Drilling equipment	Geoprobe 6600	Static depth to water	Not Applicable
Surface elevation	Approx. 48 feet MSL	Probe depth	5, 15 & 30 feet BGS
Top of casing elevation	Not Applicable	Borehole Diameter	2-inches



Depth	EPA Method 8260B PCE (µg/m³)	Headspace (ppm)	Sample Type	Blow Counts	Sample No.	U.S.C.S. Classification	Description	Remarks
0							Grass Surface	
5	10	<1.0			5	SP	Yellow-orange, damp, fine grained SAND	No Odor
10		<1.0			10		Becomes brown	
15	21	<1.0			15			
20		<1.0			20			
25		<1.0			25		Becomes light brown	
30	10	<1.0			30			

Project Name	**ONE SAN PEDRO**	Log of Boring	Figure No.
Project Number	**759-13**	**NP1**	1

Depth	EPA Method 8260B PCE (mg/kg)	Headspace (ppm)	Well Construction Detail	Sample Type	Blow Counts	Sample No.	Graphic Log	U.S.C.S. Classification	Description	Remarks
30									Bottom of boring at 30 feet BGS	
31										
32										
33										
34										
35										
36										
37										
38										
39										
40										
41										
42										
43										
44										
45										
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54										
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56										
57										
58										
59										
60										

Project Name	**ONE SAN PEDRO**	Log of Boring	Figure No.
Project Number	**759-13**	**NP1**	2

Date drilled/completed	January 27, 2022	Boring depth	Approx. 30 feet BGS
Geologist	Eli Applegate	Initial depth to water	Not Encountered
Drilling equipment	Geoprobe 6600	Static depth to water	Not Applicable
Surface elevation	Approx. 48 feet MSL	Probe depth	5, 15 & 30 feet BGS
Top of casing elevation	Not Applicable	Borehole Diameter	2-inches

Depth	EPA Method 8260B PCE (µg/m³)	Headspace (ppm)	Well Construction Detail	Sample Type	Blow Counts	Sample No.	Graphic Log	U.S.C.S. Classification	Description	Remarks
0									6" Asphalt Surface	
1										
2										
3										
4			Dry Bentonite Crumbles (Typ.)							
5	ND<10	<1.0				5		SP	Brown, damp, fine grained SAND	No Odor
6										
7										
8										
9			1/4" Nylaflow Tubing (Typ.)							
10		<1.0				10				
11										
12										
13										
14										
15	ND<10	<1.0	Vapor Implant (Typ.)			15				
16										
17										
18										
19										
20		<1.0	Neat Cement (Typ.)			20				
21										
22										
23										
24										
25		<1.0				25				
26										
27										
28										
29	ND<10	<1.0	#3 Sand (Typ.)			30		GP	Brown, damp, GRAVEL	
30										

Project Name	**ONE SAN PEDRO**	Log of Boring	Figure No.
Project Number	**759-13**	**NP2**	1

Depth	EPA Method 8260B PCE (mg/kg)	Headspace (ppm)	Well Construction Detail	Sample Type	Blow Counts	Sample No.	Graphic Log	U.S.C.S. Classification	Description	Remarks
30									Bottom of boring at 30 feet BGS	
31										
32										
33										
34										
35										
36										
37										
38										
39										
40										
41										
42										
43										
44										
45										
46										
47										
48										
49										
50										
51										
52										
53										
54										
55										
56										
57										
58										
59										
60										

Project Name	**ONE SAN PEDRO**	Log of Boring	Figure No.
Project Number	**759-13**	**NP2**	2

Date drilled/completed	January 28, 2022	Boring depth	Approx. 30 feet BGS
Geologist	Eli Applegate	Initial depth to water	Not Encountered
Drilling equipment	Geoprobe 6600	Static depth to water	Not Applicable
Surface elevation	Approx. 48 feet MSL	Probe depth	5, 15 & 30 feet BGS
Top of casing elevation	Not Applicable	Borehole Diameter	2-inches

Depth	EPA Method 8260B PCE (µg/m³)	Headspace (ppm)	Well Construction Detail	Sample Type	Blow Counts	Sample No.	Graphic Log	U.S.C.S. Classification	Description	Remarks
0									Dirt Surface	
1										
2										
3										
4			Dry Bentonite Crumbles (Typ.)							
5	ND<10								Straight Push to 30 feet BGS	
6										
7										
8										
9			1/4" Nylaflow Tubing (Typ.)							
10										
11										
12										
13										
14										
15	23		Vapor Implant (Typ.)							
16										
17										
18										
19										
20			Neat Cement (Typ.)							
21										
22										
23										
24										
25										
26										
27										
28										
29	28		#3 Sand (Typ.)							
30										

Project Name	**ONE SAN PEDRO**	Log of Boring	Figure No.
Project Number	**759-13**	**NP3**	1

Depth	EPA Method 8260B PCE (mg/kg)	Headspace (ppm)	Well Construction Detail	Sample Type	Blow Counts	Sample No.	Graphic Log	U.S.C.S. Classification	Description	Remarks
30									Bottom of boring at 30 feet BGS	
31										
32										
33										
34										
35										
36										
37										
38										
39										
40										
41										
42										
43										
44										
45										
46										
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48										
49										
50										
51										
52										
53										
54										
55										
56										
57										
58										
59										
60										

Project Name	**ONE SAN PEDRO**	Log of Boring	Figure No.
Project Number	**759-13**	**NP3**	2

Date drilled/completed	January 27, 2022	Boring depth	Approx. 30 feet BGS
Geologist	Eli Applegate	Initial depth to water	Not Encountered
Drilling equipment	Geoprobe 6600	Static depth to water	Not Applicable
Surface elevation	Approx. 48 feet MSL	Probe depth	5, 15 & 30 feet BGS
Top of casing elevation	Not Applicable	Borehole Diameter	2-inches

Depth	EPA Method 8260B PCE (µg/m³)	Headspace (ppm)	Well Construction Detail	Sample Type	Blow Counts	Sample No.	Graphic Log	U.S.C.S. Classification	Description	Remarks
0									Grass Surface	
1										
2										
3										
4			Dry Bentonite Crumbles (Typ.)							
5	ND<10	<1.0				5		SP	Yelklow-orange, dry, fine grained SAND	No Odor
6										
7										
8										
9			1/4" Nylaflow Tubing (Typ.)							
10		<1.0				10				
11										
12										
13										
14										
15	ND<10	<1.0	Vapor Implant (Typ.)			15				
16										
17										
18										
19										
20		<1.0	Neat Cement (Typ.)			20				
21										
22										
23										
24										
25		<1.0				25				
26										
27										
28										
29										
30	22	<1.0	#3 Sand (Typ.)			30		ML	Dark brown, damp, SILT	

Project Name	**ONE SAN PEDRO**	Log of Boring	Figure No.
Project Number	**759-13**	**NP4**	1

Depth	EPA Method 8260B PCE (mg/kg)	Headspace (ppm)	Well Construction Detail	Sample Type	Blow Counts	Sample No.	Graphic Log	U.S.C.S. Classification	Description	Remarks
30									Bottom of boring at 30 feet BGS	
31										
32										
33										
34										
35										
36										
37										
38										
39										
40										
41										
42										
43										
44										
45										
46										
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51										
52										
53										
54										
55										
56										
57										
58										
59										
60										

Project Name	**ONE SAN PEDRO**	Log of Boring	Figure No.
Project Number	**759-13**	**NP4**	2

Date drilled/completed	January 28, 2022	Boring depth	Approx. 30 feet BGS
Geologist	Eli Applegate	Initial depth to water	Not Encountered
Drilling equipment	Geoprobe 6600	Static depth to water	Not Applicable
Surface elevation	Approx. 48 feet MSL	Probe depth	5, 15 & 30 feet BGS
Top of casing elevation	Not Applicable	Borehole Diameter	2-inches

Depth	EPA Method 8260B PCE (µg/m³)	Headspace (ppm)	Well Construction Detail	Sample Type	Blow Counts	Sample No.	Graphic Log	U.S.C.S. Classification	Description	Remarks
0									6" Asphalt Surface	
1										
2										
3										
4			Dry Bentonite Crumbles (Typ.)							
5	ND<10								Straight Push to 30 feet BGS	
6										
7										
8										
9			1/4" Nylaflow Tubing (Typ.)							
10										
11										
12										
13										
14										
15	ND<10		Vapor Implant (Typ.)							
16										
17										
18										
19										
20			Neat Cement (Typ.)							
21										
22										
23										
24										
25										
26										
27										
28										
29	ND<10		#3 Sand (Typ.)							
30										

Project Name	**ONE SAN PEDRO**	Log of Boring	Figure No.
Project Number	**759-13**	**NP5**	1

Depth	EPA Method 8260B PCE (mg/kg)	Headspace (ppm)	Well Construction Detail	Sample Type	Blow Counts	Sample No.	Graphic Log	U.S.C.S. Classification	Description	Remarks
30									Bottom of boring at 30 feet BGS	
31										
32										
33										
34										
35										
36										
37										
38										
39										
40										
41										
42										
43										
44										
45										
46										
47										
48										
49										
50										
51										
52										
53										
54										
55										
56										
57										
58										
59										
60										

Project Name	**ONE SAN PEDRO**	Log of Boring	Figure No.
Project Number	**759-13**	**NP5**	2

Date drilled/completed	January 28, 2022	Boring depth	Approx. 30 feet BGS
Geologist	Eli Applegate	Initial depth to water	Not Encountered
Drilling equipment	Geoprobe 6600	Static depth to water	Not Applicable
Surface elevation	Approx. 48 feet MSL	Probe depth	5, 15 & 30 feet BGS
Top of casing elevation	Not Applicable	Borehole Diameter	2-inches

Depth	EPA Method 8260B PCE (µg/m³)	Headspace (ppm)	Well Construction Detail	Sample Type	Blow Counts	Sample No.	Graphic Log	U.S.C.S. Classification	Description	Remarks
0									Grass Surface	
1										
2										
3										
4			Dry Bentonite Crumbles (Typ.)							
5	ND<10								Straight Push to 30 feet BGS	
6										
7										
8										
9			1/4" Nylaflow Tubing (Typ.)							
10										
11										
12										
13										
14										
15	10		Vapor Implant (Typ.)							
16										
17										
18										
19										
20			Neat Cement (Typ.)							
21										
22										
23										
24										
25										
26										
27										
28										
29	29		#3 Sand (Typ.)							
30										

Project Name	**ONE SAN PEDRO**	Log of Boring	Figure No.
Project Number	**759-13**	**NP6**	1

Depth	EPA Method 8260B PCE (mg/kg)	Headspace (ppm)	Well Construction Detail	Sample Type	Blow Counts	Sample No.	Graphic Log	U.S.C.S. Classification	Description	Remarks
30									Bottom of boring at 30 feet BGS	
31										
32										
33										
34										
35										
36										
37										
38										
39										
40										
41										
42										
43										
44										
45										
46										
47										
48										
49										
50										
51										
52										
53										
54										
55										
56										
57										
58										
59										
60										

Project Name	**ONE SAN PEDRO**	Log of Boring	Figure No.
Project Number	**759-13**	**NP6**	2

Date drilled/completed	January 27, 2022	Boring depth	Approx. 30 feet BGS
Geologist	Eli Applegate	Initial depth to water	Not Encountered
Drilling equipment	Geoprobe 6600	Static depth to water	Not Applicable
Surface elevation	Approx. 48 feet MSL	Probe depth	5, 15 & 30 feet BGS
Top of casing elevation	Not Applicable	Borehole Diameter	2-inches

Depth	EPA Method 8260B PCE (µg/m³)	Headspace (ppm)	Well Construction Detail	Sample Type	Blow Counts	Sample No.	Graphic Log	U.S.C.S. Classification	Description	Remarks
0									Grass Surface	
1										
2										
3										
4			Dry Bentonite Crumbles (Typ.)							
5	ND<10	<1.0				5		SP	Yellow-orange, damp, fine grained SAND	No Odor
6										
7										
8										
9			1/4" Nylaflow Tubing (Typ.)							
10		<1.0				10				
11										
12										
13										
14										
15	ND<10	<1.0	Vapor Implant (Typ.)			15				
16										
17										
18										
19										
20		<1.0	Neat Cement (Typ.)			20		SM	Brown, damp, Silty SAND	
21										
22										
23										
24										
25		<1.0				25		SP	Yellow-orange, damp, fine grained SAND	
26										
27										
28										
29	ND<10	<1.0	#3 Sand (Typ.)			30		SM	Brown, damp, Silty SAND	
30										

Project Name	**ONE SAN PEDRO**	Log of Boring	Figure No.
Project Number	**759-13**	**NP7**	1

Depth	EPA Method 8260B PCE (mg/kg)	Headspace (ppm)	Well Construction Detail	Sample Type	Blow Counts	Sample No.	Graphic Log	U.S.C.S. Classification	Description	Remarks
30									Bottom of boring at 30 feet BGS	
31										
32										
33										
34										
35										
36										
37										
38										
39										
40										
41										
42										
43										
44										
45										
46										
47										
48										
49										
50										
51										
52										
53										
54										
55										
56										
57										
58										
59										
60										

Project Name	**ONE SAN PEDRO**	Log of Boring	Figure No.
Project Number	**759-13**	**NP7**	2

Date drilled/completed	January 28, 2022	Boring depth	Approx. 30 feet BGS
Geologist	Eli Applegate	Initial depth to water	Not Encountered
Drilling equipment	Geoprobe 6600	Static depth to water	Not Applicable
Surface elevation	Approx. 48 feet MSL	Probe depth	5, 15 & 30 feet BGS
Top of casing elevation	Not Applicable	Borehole Diameter	2-inches

Depth	EPA Method 8260B PCE (µg/m³)	Headspace (ppm)	Well Construction Detail	Sample Type	Blow Counts	Sample No.	Graphic Log	U.S.C.S. Classification	Description	Remarks
0									Grass Surface	
1										
2										
3										
4			Dry Bentonite Crumbles (Typ.)							
5	21								Straight Push to 30 feet BGS	
6										
7										
8										
9			1/4" Nylaflow Tubing (Typ.)							
10										
11										
12										
13										
14										
15	37		Vapor Implant (Typ.)							
16										
17										
18										
19										
20			Neat Cement (Typ.)							
21										
22										
23										
24										
25										
26										
27										
28										
29			#3 Sand (Typ.)							
30	39									

Project Name	**ONE SAN PEDRO**	Log of Boring	Figure No.
Project Number	**759-13**	**NP8**	1

Depth	EPA Method 8260B PCE (mg/kg)	Headspace (ppm)	Well Construction Detail	Sample Type	Blow Counts	Sample No.	Graphic Log	U.S.C.S. Classification	Description	Remarks
30									Bottom of boring at 30 feet BGS	
31										
32										
33										
34										
35										
36										
37										
38										
39										
40										
41										
42										
43										
44										
45										
46										
47										
48										
49										
50										
51										
52										
53										
54										
55										
56										
57										
58										
59										
60										

Project Name	**ONE SAN PEDRO**	Log of Boring	Figure No.
Project Number	**759-13**	**NP8**	2

Date drilled/completed	January 28, 2022	Boring depth	Approx. 30 feet BGS
Geologist	Eli Applegate	Initial depth to water	Not Encountered
Drilling equipment	Geoprobe 6600	Static depth to water	Not Applicable
Surface elevation	Approx. 48 feet MSL	Probe depth	5, 15 & 30 feet BGS
Top of casing elevation	Not Applicable	Borehole Diameter	2-inches

Depth	EPA Method 8260B PCE (µg/m³)	Headspace (ppm)	Well Construction Detail	Sample Type	Blow Counts	Sample No.	Graphic Log	U.S.C.S. Classification	Description	Remarks
0									Dirt Surface	
1										
2										
3										
4			Dry Bentonite Crumbles (Typ.)							
5	10								Straight Push to 30 feet BGS	
6										
7										
8										
9			1/4" Nylaflow Tubing (Typ.)							
10										
11										
12										
13										
14										
15	12		Vapor Implant (Typ.)							
16										
17										
18										
19										
20			Neat Cement (Typ.)							
21										
22										
23										
24										
25										
26										
27										
28										
29			#3 Sand (Typ.)							
30	11									

Project Name	**ONE SAN PEDRO**	Log of Boring	Figure No.
Project Number	**759-13**	**NP9**	1

Depth	EPA Method 8260B PCE (mg/kg)	Headspace (ppm)	Well Construction Detail	Sample Type	Blow Counts	Sample No.	Graphic Log	U.S.C.S. Classification	Description	Remarks
30									Bottom of boring at 30 feet BGS	
31										
32										
33										
34										
35										
36										
37										
38										
39										
40										
41										
42										
43										
44										
45										
46										
47										
48										
49										
50										
51										
52										
53										
54										
55										
56										
57										
58										
59										
60										

Project Name	**ONE SAN PEDRO**	Log of Boring	Figure No.
Project Number	**759-13**	**NP9**	2

Date drilled/completed	January 28, 2022	Boring depth	Approx. 5.5 feet BGS
Geologist	Eli Applegate	Initial depth to water	Not Encountered
Drilling equipment	Geoprobe	Static depth to water	-
Surface elevation	-	Probe depth	5 feet BGS
Top of casing elevation	-	Borehole Diameter	2-inches

Depth	EPA Method 8260B PCE (µg/m³)	Headspace (ppm)	Well Construction Detail	Sample Type	Blow Counts	Sample No.	Graphic Log	U.S.C.S. Classification	Description	Remarks
0									Grass Surface	
									Hand Augered to 5.5 feet BGS	
1			Neat Cement							
2			1/4" Nylaflow Tubing							
3			Dry Bentonite Crumbles							
4			#3 Sand							
5	ND<10		Vapor Implant							
									Bottom of boring at 5.5 feet BGS	
6										

Project Name	**ONE SAN PEDRO**	Log of Boring	Figure No.
Project Number	**759-13**	**VP1**	1

APPENDIX D

LABORATORY REPORTS

OPTIMAL TECHNOLOGY
Specializing in Environmental Field Services

February 7, 2022

Mr. Evan Privett
Frey Environmental, Inc.
2817A Lafayette Avenue
Newport Beach, CA 92663-3715

Dear Mr. Privett:

This letter presents the results of the soil vapor investigation conducted by Optimal Technology (Optimal), for Frey Environmental, Inc. on February 3-4, 2022. The study was performed at 275 W. 1st Street, San Pedro, California.

Optimal was contracted to perform a soil vapor survey at this site to screen for possible chlorinated solvents and aromatic hydrocarbons. The primary objective of this soil vapor investigation was to determine if soil vapor contamination is present in the subsurface soil.

Gas Sampling Method

At each sampling location, an electric vacuum pump set to draw 0.2 liters per minute (L/min) of soil vapor was attached to the existing well and purged prior to sample collection. Vapor samples were obtained in gas-tight syringes by drawing the sample through a luer-lock connection which connects the sampling probe and the vacuum pump. Samples were immediately injected into the gas chromatograph/purge and trap after collection. New tubing was used at each sampling point to prevent cross contamination.

All analyses were performed on a laboratory grade Agilent model 6890N gas chromatograph equipped with an Agilent model 5973N Mass Spectra Detector and Tekmar LSC 3100 Purge and Trap. A Restek column using helium as the carrier gas was used to perform all analysis. All results were collected on a personal computer utilizing Agilent's MS and chromatographic data collection and handling system.

Quality Assurance

5-Point Calibration
The initial five-point calibration consisted of 20, 50, 100, 200 and 500 ul injections of the calibration standard. A calibration factor on each analyte was generated using a best fit line method using the Agilent data system. If the r^2 factor generated from this line was not greater

than 0.990, an additional five-point calibration would have been performed. Method reporting limits were calculated to be 1-1000 micrograms per cubic meter (ug/m^3) for the individual compounds.

A daily calibration check was performed using a pre-mixed standard supplied by Scotty Analyzed Gases. The standard contained common halogenated solvents and aromatic hydrocarbons (see Table 1). The individual compound concentrations in the standards ranged between 0.025 nanograms per microliter (ng/ul) and 0.25 ng/ul.

TABLE 1

Acetone	Benzene	Bromobenzene	Bromochloromethane
Bromodichloromethane	Bromoform	Bromomethane	2-Butanone (MEK)
n-Butylbenzene	sec-Butylbenzene	tert-Butylbenzene	Carbon Tetrachloride
Chlorobenzene	Chloroethane	Chloroform	Chloromethane
2-Chlorotoluene	4-Chlorotoluene	Cyclohexane	Dibromochloromethane
1,2-Dibromo-3-chloropropane	1,2-Dibromoethane	Dibromomethane	1,2-Dichlorobenzene
1,3-Dichlorobenzene	1,4-Dichlorobenzene	Dichlorodifluoromethane	1,2-Dichloroethane
1,1-Dichloroethane	1,1-Dichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene
1,2-Dichloropropane	2,2-Dichloropropane	1,3-Dichloropropane	1,1-Dichloropropene
Ethylbenzene	Freon 113	Hexachlorobutadiene	Isopropylbenzene
p-Isopropyltoluene	Methylene Chloride	4-Methyl-2-Pentanone	Naphthalene
n-Propylbenzene	Styrene	1,1,1,2-Tetrachloroethane	1,1,2,2-Tetrachloroethane
Tetrachloroethene	Toluene	1,2,3-Trichlorobenzene	1,2,4-Trichlorobenzene
1,1,1-Trichloroethane	1,1,2-Trichloroethane	Trichloroethene	Trichlorofluoromethane
1,2,3-Trichloropropane	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Vinyl Chloride
m/p-Xylene	o-Xylene	Diisopropyl Ether	Ethyl Tert Butyl Ether
MTBE	Tert-Amyl Methyl Ether	Tertiary Butyl Alcohol	Isobutane

Sample Replicates
A replicate analysis (duplicate) was run to evaluate the reproducibility of the sampling system and instrument. The difference between samples did not vary more than 20%.

Equipment Blanks
Blanks were run at the beginning of each workday and after calibrations. The blanks were collected using an ambient air sample. These blanks checked the septum, syringe, GC column, GC detector and the ambient air. Contamination was not found in any of the blanks analyzed during this investigation. Blank results are given along with the sample results.

Purge Volume
The standard purge volume of three volumes was purged in accordance with the July 2015 DTSC/RWQCB Advisory for Active Soil Gas Investigations.

Tracer Gas Leak Test
A tracer gas was applied to the soil gas probes at each point of connection in which ambient air could enter the sampling system. These points include the top of the sampling probe where the tubing meets the probe connection and the surface bentonite seals. Isobutane was used as the tracer gas. No Isobutane was found in any of the samples collected.

Shut-in Test
A shut-in test was conducted prior to purging or sampling each location to check for leaks in the above-ground sampling system. The system was evaluated to a minimum measured vacuum of 100 inches of water. The vacuum gauge was calibrated and sensitive enough to indicate a water pressure change of at least 0.5 inches.

Scope of Work

To achieve the objective of this investigation a total of 31 vapor samples were collected from 10 locations at the site. Sampling depths, vacuum readings, purge volume and sampling volumes are given on the analytical results page. All the collected vapor samples were analyzed on-site using Optimal's mobile laboratory.

Subsurface Conditions

Subsurface soil conditions offered sampling flows at 0" water vacuum.

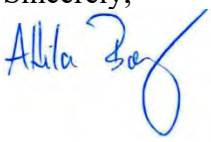
Results

During this vapor investigation, several analytes were detected in multiple samples collected above the listed reporting limit. Please see the complete table of analytical results included with this report.

Disclaimer

All conclusions presented in this letter are based solely on the information collected by the soil vapor survey conducted by Optimal Technology. Soil vapor testing is only a subsurface screening tool and does not represent actual contaminant concentrations in either the soil and/or groundwater. We enjoyed working with you on this project and look forward to future projects. If you have any questions, please contact me at (877) 764-5427.

Sincerely,



Attila Baly
Project Manager

OPTIMAL TECHNOLOGY
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SOIL VAPOR RESULTS

Site Name: 275 W. 1st Street, San Pedro, CA
Analyst: A. Baly **Collector:** A. Baly
Method: Modified EPA 8260B

Lab Name: Optimal Technology
Inst. ID: Agilent 6890NF
Detector: Agilent 5973N Mass Spectrometer

Date: 2/3/22

SAMPLE ID	BLANK-1	NP7-5	NP7-15	NP7-30	NP2-5	NP2-15	NP2-30	NP5-5
Sampling Depth (Ft.)	N/A	5.0	15.0	30.0	5.0	15.0	30.0	5.0
Purge Volume (ml)	N/A	1,565	1,730	1,975	1,565	1,730	1,975	1,565
Vacuum (in. of Water)	N/A	0	0	0	0	0	0	0
Injection Volume (ul)	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Dilution Factor	1	1	1	1	1	1	1	1

COMPOUND	REP. LIMIT	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)
Acetone	1000	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	3	ND	ND	ND	ND	ND	ND	ND	ND
Bromobenzene	1000	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	1000	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	2	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	150	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	1000	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	1000	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	1000	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	1000	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	2	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1000	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	1000	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	4	ND	ND	ND	**7**	ND	ND	ND	ND
Chloromethane	1000	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	1000	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	1000	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	1000	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	1	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	1	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	8	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	3	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	50	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	1000	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	200	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	9	ND	ND	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	1000	ND	ND	ND	ND	ND	ND	ND	ND

Note: ND = Below Listed Reporting Limit

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OPTIMAL TECHNOLOGY
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SOIL VAPOR RESULTS

Site Name: 275 W. 1st Street, San Pedro, CA
Analyst: A. Baly **Collector:** A. Baly
Method: Modified EPA 8260B

Lab Name: Optimal Technology
Inst. ID: Agilent 6890NF
Detector: Agilent 5973N Mass Spectrometer

Date: 2/3/22

SAMPLE ID	BLANK-1	NP7-5	NP7-15	NP7-30	NP2-5	NP2-15	NP2-30	NP5-5
Sampling Depth (Ft.)	N/A	5.0	15.0	30.0	5.0	15.0	30.0	5.0
Purge Volume (ml)	N/A	1,565	1,730	1,975	1,565	1,730	1,975	1,565
Vacuum (in. of Water)	N/A	0	0	0	0	0	0	0
Injection Volume (ul)	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Dilution Factor	1	1	1	1	1	1	1	1

COMPOUND	REP. LIMIT	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)
1,1-Dichloropropene	1000	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	30	ND	ND	ND	ND	ND	ND	ND	ND
Freon 113	1000	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	4	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	1000	ND	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	1000	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	30	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	1000	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	2	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	1000	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	10	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	1	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene (PCE)	10	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	60	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene (TCE)	10	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	10	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	1000	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	1	ND	ND	ND	ND	ND	ND	ND	ND
m/p-Xylene	1000	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	1000	ND	ND	ND	ND	ND	ND	ND	ND
Diisopropyl Ether (DIPE)	1000	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Tert Butyl Ether	1000	ND	ND	ND	ND	ND	ND	ND	ND
MTBE	350	ND	ND	ND	ND	ND	ND	ND	ND
Tert-Amyl Methyl Ether (TAME)	1000	ND	ND	ND	ND	ND	ND	ND	ND
Tertiary Butyl Alcohol	1000	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane (Tracer Gas)	1000	ND	ND	ND	ND	ND	ND	ND	ND

Note: ND = Below Listed Reporting Limit

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OPTIMAL TECHNOLOGY
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SOIL VAPOR RESULTS

Site Name: 275 W. 1st Street, San Pedro, CA
Analyst: A. Baly **Collector:** A. Baly
Method: Modified EPA 8260B

Lab Name: Optimal Technology
Inst. ID: Agilent 6890NF
Detector: Agilent 5973N Mass Spectrometer

Date: 2/3/22

SAMPLE ID	NP5-15	NP5-30	NP1-5	NP1-5 Dup	NP1-15	NP1-30	NP4-5	NP4-15
Sampling Depth (Ft.)	15.0	30.0	5.0	5.0	15.0	30.0	5.0	15.0
Purge Volume (ml)	1,730	1,975	1,565	1,565	1,730	1,975	1,565	1,730
Vacuum (in. of Water)	0	0	0	0	0	0	0	0
Injection Volume (ul)	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Dilution Factor	1	1	1	1	1	1	1	1

COMPOUND	REP. LIMIT	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)
Acetone	1000	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	3	ND	ND	ND	ND	ND	ND	ND	ND
Bromobenzene	1000	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	1000	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	2	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	150	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	1000	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	1000	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	1000	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	1000	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	2	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1000	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	1000	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	4	**6**	ND	**106**	**104**	**55**	**22**	ND	ND
Chloromethane	1000	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	1000	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	1000	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	1000	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	1	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	1	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	8	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	3	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	50	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	1000	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	200	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	9	ND	ND	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	1000	ND	ND	ND	ND	ND	ND	ND	ND

Note: ND = Below Listed Reporting Limit

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SOIL VAPOR RESULTS

Site Name: 275 W. 1st Street, San Pedro, CA
Analyst: A. Baly **Collector:** A. Baly
Method: Modified EPA 8260B

Lab Name: Optimal Technology
Inst. ID: Agilent 6890NF
Detector: Agilent 5973N Mass Spectrometer

Date: 2/3/22

SAMPLE ID	NP5-15	NP5-30	NP1-5	NP1-5 Dup	NP1-15	NP1-30	NP4-5	NP4-15
Sampling Depth (Ft.)	15.0	30.0	5.0	5.0	15.0	30.0	5.0	15.0
Purge Volume (ml)	1,730	1,975	1,565	1,565	1,730	1,975	1,565	1,730
Vacuum (in. of Water)	0	0	0	0	0	0	0	0
Injection Volume (ul)	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Dilution Factor	1	1	1	1	1	1	1	1

COMPOUND	REP. LIMIT	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)
1,1-Dichloropropene	1000	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	30	ND	ND	ND	ND	ND	ND	ND	ND
Freon 113	1000	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	4	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	1000	ND	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	1000	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	30	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	1000	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	2	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	1000	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	10	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	1	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene (PCE)	10	ND	ND	**10**	**10**	**21**	**10**	ND	ND
Toluene	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	60	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene (TCE)	10	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	10	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	1000	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	1	ND	ND	ND	ND	ND	ND	ND	ND
m/p-Xylene	1000	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	1000	ND	ND	ND	ND	ND	ND	ND	ND
Diisopropyl Ether (DIPE)	1000	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Tert Butyl Ether	1000	ND	ND	ND	ND	ND	ND	ND	ND
MTBE	350	ND	ND	ND	ND	ND	ND	ND	ND
Tert-Amyl Methyl Ether (TAME)	1000	ND	ND	ND	ND	ND	ND	ND	ND
Tertiary Butyl Alcohol	1000	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane (Tracer Gas)	1000	ND	ND	ND	ND	ND	ND	ND	ND

Note: ND = Below Listed Reporting Limit

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SOIL VAPOR RESULTS

Site Name: 275 W. 1st Street, San Pedro, CA
Analyst: A. Baly **Collector:** A. Baly
Method: Modified EPA 8260B

Lab Name: Optimal Technology
Inst. ID: Agilent 6890NF
Detector: Agilent 5973N Mass Spectrometer

Date: 2/3/22

SAMPLE ID	NP4-30	NP8-5	NP8-15	NP8-30	NP9-5	NP9-15	NP9-30	NP9-30 Dup
Sampling Depth (Ft.)	30.0	5.0	15.0	30.0	5.0	15.0	30.0	30.0
Purge Volume (ml)	1,975	1,565	1,730	1,975	1,565	1,730	1,975	1,975
Vacuum (in. of Water)	0	0	0	0	0	0	0	0
Injection Volume (ul)	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Dilution Factor	1	1	1	1	1	1	1	1

COMPOUND	REP. LIMIT	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)
Acetone	1000	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	3	ND	ND	ND	ND	ND	ND	ND	ND
Bromobenzene	1000	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	1000	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	2	ND	ND	ND	ND	ND	**22**	ND	ND
Bromoform	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	150	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	1000	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	1000	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	1000	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	1000	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	2	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1000	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	1000	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	4	**4**	ND	ND	ND	**33**	**80**	ND	ND
Chloromethane	1000	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	1000	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	1000	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	1000	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	1	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	1	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	8	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	3	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	50	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	1000	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	200	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	9	ND	ND	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	1000	ND	ND	ND	ND	ND	ND	ND	ND

Note: ND = Below Listed Reporting Limit

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SOIL VAPOR RESULTS

Site Name: 275 W. 1st Street, San Pedro, CA
Analyst: A. Baly **Collector:** A. Baly
Method: Modified EPA 8260B

Lab Name: Optimal Technology
Inst. ID: Agilent 6890NF
Detector: Agilent 5973N Mass Spectrometer

Date: 2/3/22

SAMPLE ID	NP4-30	NP8-5	NP8-15	NP8-30	NP9-5	NP9-15	NP9-30	NP9-30 Dup
Sampling Depth (Ft.)	30.0	5.0	15.0	30.0	5.0	15.0	30.0	30.0
Purge Volume (ml)	1,975	1,565	1,730	1,975	1,565	1,730	1,975	1,975
Vacuum (in. of Water)	0	0	0	0	0	0	0	0
Injection Volume (ul)	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Dilution Factor	1	1	1	1	1	1	1	1

COMPOUND	REP. LIMIT	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)
1,1-Dichloropropene	1000	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	30	ND	ND	ND	ND	ND	ND	ND	ND
Freon 113	1000	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	4	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	1000	ND	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	1000	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	30	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	1000	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	2	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	1000	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	10	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	1	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene (PCE)	10	**22**	**21**	**37**	**39**	**10**	**12**	**11**	**11**
Toluene	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	60	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene (TCE)	10	ND	ND	**10**	**11**	ND	ND	ND	ND
Trichlorofluoromethane	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	10	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	1000	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	1	ND	ND	ND	ND	ND	ND	ND	ND
m/p-Xylene	1000	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	1000	ND	ND	ND	ND	ND	ND	ND	ND
Diisopropyl Ether (DIPE)	1000	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Tert Butyl Ether	1000	ND	ND	ND	ND	ND	ND	ND	ND
MTBE	350	ND	ND	ND	ND	ND	ND	ND	ND
Tert-Amyl Methyl Ether (TAME)	1000	ND	ND	ND	ND	ND	ND	ND	ND
Tertiary Butyl Alcohol	1000	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane (Tracer Gas)	1000	ND	ND	ND	ND	ND	ND	ND	ND

Note: ND = Below Listed Reporting Limit

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OPTIMAL TECHNOLOGY
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SOIL VAPOR RESULTS

Site Name: 275 W. 1st Street, San Pedro, CA
Analyst: A. Baly **Collector:** A. Baly
Method: Modified EPA 8260B

Lab Name: Optimal Technology
Inst. ID: Agilent 6890NF
Detector: Agilent 5973N Mass Spectrometer

Date: 2/4/22

SAMPLE ID	BLANK-2	NP3-5	NP3-15	NP3-30	NP6-5	NP6-15	NP6-30	VP1-5
Sampling Depth (Ft.)	N/A	5.0	15.0	30.0	5.0	15.0	30.0	5.0
Purge Volume (ml)	N/A	1,565	1,730	1,975	1,565	1,730	1,975	6,015
Vacuum (in. of Water)	N/A	0	0	0	0	0	0	0
Injection Volume (ul)	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Dilution Factor	1	1	1	1	1	1	1	1

COMPOUND	REP. LIMIT	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)
Acetone	1000	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	3	ND	ND	ND	ND	ND	ND	ND	ND
Bromobenzene	1000	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	1000	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	2	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	80	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	150	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	1000	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	1000	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	1000	ND	ND	ND	ND	ND	ND	ND	ND
tert-Butylbenzene	1000	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	2	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	1000	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	1000	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	4	ND	ND	ND	**7**	ND	ND	ND	ND
Chloromethane	1000	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	1000	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	1000	ND	ND	ND	ND	ND	ND	ND	ND
Cyclohexane	1000	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromo-3-chloropropane	1	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dibromoethane	1	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	8	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	3	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	50	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene	1000	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	200	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	9	ND	ND	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	1000	ND	ND	ND	ND	ND	ND	ND	ND

Note: ND = Below Listed Reporting Limit

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OPTIMAL TECHNOLOGY
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SOIL VAPOR RESULTS

Site Name: 275 W. 1st Street, San Pedro, CA
Analyst: A. Baly **Collector:** A. Baly
Method: Modified EPA 8260B

Lab Name: Optimal Technology
Inst. ID: Agilent 6890NF
Detector: Agilent 5973N Mass Spectrometer

Date: 2/4/22

SAMPLE ID	BLANK-2	NP3-5	NP3-15	NP3-30	NP6-5	NP6-15	NP6-30	VP1-5
Sampling Depth (Ft.)	N/A	5.0	15.0	30.0	5.0	15.0	30.0	5.0
Purge Volume (ml)	N/A	1,565	1,730	1,975	1,565	1,730	1,975	6,015
Vacuum (in. of Water)	N/A	0	0	0	0	0	0	0
Injection Volume (ul)	100,000	100,000	100,000	100,000	100,000	100,000	100,000	100,000
Dilution Factor	1	1	1	1	1	1	1	1

COMPOUND	REP. LIMIT	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)	CONC (ug/m^3)
1,1-Dichloropropene	1000	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	30	ND	ND	ND	ND	ND	ND	ND	ND
Freon 113	1000	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	4	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	1000	ND	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	1000	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	30	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-Pentanone	1000	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	2	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	1000	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	10	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	1	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene (PCE)	10	ND	ND	**23**	**28**	ND	**10**	**29**	ND
Toluene	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	60	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene (TCE)	10	ND	**17**	**13**	**11**	ND	ND	**12**	ND
Trichlorofluoromethane	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	10	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	1000	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	1	ND	ND	ND	ND	ND	ND	ND	ND
m/p-Xylene	1000	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	1000	ND	ND	ND	ND	ND	ND	ND	ND
Diisopropyl Ether (DIPE)	1000	ND	ND	ND	ND	ND	ND	ND	ND
Ethyl Tert Butyl Ether	1000	ND	ND	ND	ND	ND	ND	ND	ND
MTBE	350	ND	ND	ND	ND	ND	ND	ND	ND
Tert-Amyl Methyl Ether (TAME)	1000	ND	ND	ND	ND	ND	ND	ND	ND
Tertiary Butyl Alcohol	1000	ND	ND	ND	ND	ND	ND	ND	ND
Isobutane (Tracer Gas)	1000	ND	ND	ND	ND	ND	ND	ND	ND

Note: ND = Below Listed Reporting Limit

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SOIL VAPOR RESULTS

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Analyst: A. Baly **Collector:** A. Baly
Method: Modified EPA 8260B

Lab Name: Optimal Technology
Inst. ID: Agilent 6890NF
Detector: Agilent 5973N Mass Spectrometer

Date: 2/4/22

SAMPLE ID	VP1-5 Dup							
Sampling Depth (Ft.)	5.0							
Purge Volume (ml)	6,015							
Vacuum (in. of Water)	0							
Injection Volume (ul)	100,000							
Dilution Factor	1							

COMPOUND	REP. LIMIT	CONC (ug/m^3)							
Acetone	1000	ND							
Benzene	3	ND							
Bromobenzene	1000	ND							
Bromochloromethane	1000	ND							
Bromodichloromethane	2	ND							
Bromoform	80	ND							
Bromomethane	150	ND							
2-Butanone (MEK)	1000	ND							
n-Butylbenzene	1000	ND							
sec-Butylbenzene	1000	ND							
tert-Butylbenzene	1000	ND							
Carbon Tetrachloride	2	ND							
Chlorobenzene	1000	ND							
Chloroethane	1000	ND							
Chloroform	4	ND							
Chloromethane	1000	ND							
2-Chlorotoluene	1000	ND							
4-Chlorotoluene	1000	ND							
Cyclohexane	1000	ND							
Dibromochloromethane	1000	ND							
1,2-Dibromo-3-chloropropane	1	ND							
1,2-Dibromoethane	1	ND							
Dibromomethane	1000	ND							
1,2-Dichlorobenzene	1000	ND							
1,3-Dichlorobenzene	1000	ND							
1,4-Dichlorobenzene	8	ND							
Dichlorodifluoromethane	1000	ND							
1,2-Dichloroethane	3	ND							
1,1-Dichloroethane	50	ND							
1,1-Dichloroethene	1000	ND							
cis-1,2-Dichloroethene	200	ND							
trans-1,2-Dichloroethene	1000	ND							
1,2-Dichloropropane	9	ND							
2,2-Dichloropropane	1000	ND							
1,3-Dichloropropane	1000	ND							

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Date: 2/4/22

SAMPLE ID	VP1-5 Dup							
Sampling Depth (Ft.)	5.0							
Purge Volume (ml)	6,015							
Vacuum (in. of Water)	0							
Injection Volume (ul)	100,000							
Dilution Factor	1							

COMPOUND	REP. LIMIT	CONC (ug/m^3)							
1,1-Dichloropropene	1000	ND							
Ethylbenzene	30	ND							
Freon 113	1000	ND							
Hexachlorobutadiene	4	ND							
Isopropylbenzene	1000	ND							
p-Isopropyltoluene	1000	ND							
Methylene Chloride	30	ND							
4-Methyl-2-Pentanone	1000	ND							
Naphthalene	2	ND							
n-Propylbenzene	1000	ND							
Styrene	1000	ND							
1,1,1,2-Tetrachloroethane	10	ND							
1,1,2,2-Tetrachloroethane	1	ND							
Tetrachloroethene (PCE)	10	ND							
Toluene	1000	ND							
1,2,3-Trichlorobenzene	1000	ND							
1,2,4-Trichlorobenzene	60	ND							
1,1,1-Trichloroethane	1000	ND							
1,1,2-Trichloroethane	5	ND							
Trichloroethene (TCE)	10	ND							
Trichlorofluoromethane	1000	ND							
1,2,3-Trichloropropane	10	ND							
1,2,4-Trimethylbenzene	1000	ND							
1,3,5-Trimethylbenzene	1000	ND							
Vinyl Chloride	1	ND							
m/p-Xylene	1000	ND							
o-Xylene	1000	ND							
Diisopropyl Ether (DIPE)	1000	ND							
Ethyl Tert Butyl Ether	1000	ND							
MTBE	350	ND							
Tert-Amyl Methyl Ether (TAME)	1000	ND							
Tertiary Butyl Alcohol	1000	ND							
Isobutane (Tracer Gas)	1000	ND							

Note: ND = Below Listed Reporting Limit

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OPTIMAL TECHNOLOGY
Specializing in Environmental Field Services

CHAIN OF CUSTODY FORM

Site Name/Number		PO# / Project Ref#	
Site Address	**275 W. 1st Street, San Pedro, CA**		
Company Name			
Contact Person(s):		Phone#	Email:
Comments:			

Sample Identification	Sampling Device	Date Collected	Time Collected	TESTS REQUIRED (please mark with an "X") Soil Gas Mod 8260B	Soil Gas Mod 8021B	Soil Gas Mod 8015	Notes
BLANK-1	Syringe	2/3/22	6:50 AM	x			
NP7-5	Syringe	2/3/22	7:19 AM	x			
NP7-15	Syringe	2/3/22	7:40 AM	x			
NP7-30	Syringe	2/3/22	8:02 AM	x			
NP2-5	Syringe	2/3/22	8:21 AM	x			
NP2-15	Syringe	2/3/22	8:40 AM	x			
NP2-30	Syringe	2/3/22	9:00 AM	x			
NP5-5	Syringe	2/3/22	9:18 AM	x			
NP5-15	Syringe	2/3/22	9:37 AM	x			
NP5-30	Syringe	2/3/22	9:56 AM	x			
NP1-5	Syringe	2/3/22	10:15 AM	x			
NP1-5 Dup	Syringe	2/3/22	10:15 AM	x			
NP1-15	Syringe	2/3/22	10:54 AM	x			
NP1-30	Syringe	2/3/22	11:21 AM	x			
NP4-5	Syringe	2/3/22	11:40 AM	x			
NP4-15	Syringe	2/3/22	12:03 PM	x			
NP4-30	Syringe	2/3/22	12:25 PM	x			
NP8-5	Syringe	2/3/22	12:44 PM	x			
NP8-15	Syringe	2/3/22	1:07 PM	x			
NP8-30	Syringe	2/3/22	1:27 PM	x			
NP9-5	Syringe	2/3/22	1:47 PM	x			
NP9-15	Syringe	2/3/22	2:10 PM	x			
NP9-30	Syringe	2/3/22	2:27 PM	x			
NP9-30 Dup	Syringe	2/3/22	2:27 PM	x			

Collected & Tested by:

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OPTIMAL TECHNOLOGY
Specializing in Environmental Field Services

CHAIN OF CUSTODY FORM

Site Name/Number	PO# / Project Ref#	
Site Address: **275 W. 1st Street, San Pedro, CA**		
Company Name		
Contact Person(s):	Phone#	Email:
Comments:		

Sample Identification	Sampling Device	Date Collected	Time Collected	Soil Gas Mod 8260B	Soil Gas Mod 8021B	Soil Gas Mod 8015	Notes
				TESTS REQUIRED (please mark with an "X")			
BLANK-2	Syringe	2/4/22	8:15 AM	x			
NP3-5	Syringe	2/4/22	8:26 AM	x			
NP3-15	Syringe	2/4/22	8:45 AM	x			
NP3-30	Syringe	2/4/22	9:07 AM	x			
NP6-5	Syringe	2/4/22	9:29 AM	x			
NP6-15	Syringe	2/4/22	9:52 AM	x			
NP6-30	Syringe	2/4/22	10:13 AM	x			
VP1-5	Syringe	2/4/22	10:44 AM	x			
VP1-5 Dup	Syringe	2/4/22	10:44 AM	x			

Collected & Tested by: Allila Bo

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Environ Phase Consulting Co.
Enviro Development Inc (d.b.a)

5169 W. Washington Boulevard
Los Angeles, CA 90016

Tel: 323/936-0411 Fax: 323/936-0416

ENVIRONMENTAL SITE ASSESSMENT

(Phase I)

January 10, 2017

Project Site Address:
327 North Harbor Boulevard
San Pedro, CA 90731

Prepared for:
Mr. Tony Zeng

Prepared by:

www.gotoEPC.com

C O N T E N T

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APPENDIX

Appendix (1) Topographic Map

Appendix (2) Plot Map and Site Photos

Appendix (3) Sanborn Maps Review

Appendix (4) Historical Tenant Report

Appendix (5) Property Profile and City Building Department Records

Appendix (6) Local Agencies' Records

Appendix (7) Environmental Check List and Owner's Information

Appendix (8) Regulatory Agency's Record Search (ERS Report)

January 10, 2017

Project No. ESA-327 Harbor

Attn: Tony Zeng
Tel: (909) 702-8889
Email: tonyzeng@sbcglobal.net

Subject: Phase I, Environmental Site Assessment
Address: 327 North Harbor Boulevard
San Pedro, CA 90731

Dear **Mr. Tony Zeng;**

On behalf of **Tony Zeng** (the client), Environ Phase Consulting Company (EPC) is pleased to submit this "Environmental Site Assessment (Phase I)" at the described subject site: I declare that, to the best of our professional knowledge and belief, I meet the definition of Environmental Professional as defined in ASTM 1527-13 and 312.10 of this part (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.

EPC initiated visual site inspection for this report in accordance with the Phase I service agreement dated on January 10, 2017. To the best of our professional ability, EPC warrants that users of the report may rely upon it as on accurate reflection of the environmental condition of the property at the time it was evaluated. This report is the property of the client for whom it was prepared. Its distribution to others is at client's discretion.

If you have any questions, please feel free to contact Jeff Lee at (323) 936-0411.

Best Regards,

Jeff Lee
Environmental Assessor

EXECUTIVE SUMMARY

A staff consultant of Environ Phase Consulting Company visited the subject site on December 28, 2016 to inspect the current site conditions. EPC recommends ***no further action*** at this time based on the below conclusions of this assessment:

Subject Site: Historical Usage:	The subject site address is 327 North Harbor Boulevard in the city of San Pedro, CA. The site includes the following address ranges: 319-327 North Harbor Boulevard and 316-332 North Beacon Street. The site is located south of W O Farrell Street and between North Beach Street and North Harbor Boulevard, in a mixed commercial and residential area. The subject site consists of two adjacent rectangular parcels (APN: 7449-014-013 & 7449-014-014) that of which is currently vacant. According to the Los Angeles County Assessor, the entire property lot size is approximately 24,204 square feet (Appendix 5). Based on the historical records (i.e. aerial photographs, building permits, historical tenant search, etc.), the following can be reasoned: the subject site was, first, developed in 1925 as a machine shop in the northern portion of the subject site, until approximately 1938. Subject site was utilized as a battery manufacturing warehouse facility from approximately 1951 to 2006, doing business as Arco Battery Manufacturing. Several subsurface investigations have been conducted at the subject site, for further analysis refer to Section 4-3. The facility was demolished in 2007. There has been commercial sales of Christmas trees and pumpkins during the respective holidays in 2010 and 2013. The subject site has been vacant and void of all structures since then.
Subject Site Reconnaissance:	EPC did not reveal significant evidences of UST, AST, PCB, distressed vegetation, stockpile soils, solid waste disposals, visual indications of chemical pits, ponds, lagoons, biological hazardous wastes, and other chemicals at the subject site based on our visual site inspection.
Recognized Environmental Condition (REC) Search:	**Historical RECs Study**: On August 13, 1992, the County of Los Angeles Fire Department completed the review of the remediation action report of the excavation and remediation of lead contaminated soils at Arco Battery Manufacturing. The Department was satisfied that the excavation phase of the remedial action plan has been completed and the after-treatment test results indicate the agreed upon cleanup goals have been obtained, and the site received a conditional closure (Appendix 7). On January 26, 1995, the County of Los Angeles Fire Department completed the review of the Closure Report for the Excavation and Remediation of Lead Contaminated Soils at Arco Battery Manufacturing and a closure addendum submitted by Ancon Marine. The Department has no further requirement or restriction relating to this site at this time, and issued a final closure letter (Appendix 7). On July 17, 2008, the County of Los Angeles Fire Department completed the review of the following reports: "Soil Remediation Report, Former Arco Battery Site, 319-327 North Harbor Boulevard, San Pedro, CA" and Addendum to Report, 327 North Harbor Boulevard, San Pedro, CA. Based on the information provided,

	the Department has no further requirement or restriction relating to this site at this time, and issued a closure letter (Appendix 7). **Current RECs Study:** According to the available permits, the subject site is currently vacant and void of all structures; however, the last usage before the demolition was a battery manufacturing warehouse facility. Based on current RECs study using Regulatory Agencies' Permits associated with Hazardous Materials, EPC concluded that the current operations at the property did not result in a recognized environmental condition as following reasons: a. No current permit records related with hazardous materials, UST operation, or LUST were found in the SWRCB and SCAQMD. b. No current permit records of service stations and dry cleaners were found in the Los Angeles City Dept. of Building and Safety. c. No petroleum hydrocarbon contained chemicals or wastes were observed at the subject site. The subject site is **not** likely to contain vapor intrusion. d. Closure letters from the County of Los Angeles Fire Department on August 1992, January 1995, and July 2008 (refer to Historical RECs for further analysis). **Controlled RECs Study:** Controlled REC was not found at the subject site.
Lien Search:	o No environmental lien was found in the Preliminary Title Report.
Immediate Adjacent Neighboring Properties:	EPC *did not* reveal evidences of human harmful activity or *significant* pollutant emission to pose immediate environmental concern into the subject site from the **neighboring properties** during this environmental assessment (See Section 5).
Environmental Record Search (ERS) Result:	Environmental effects from the neighboring sites are evaluated at minimal risk level in accordance with the reported remedial actions, distance between the subject site and reference sites, and limited contamination of the reference sites. Thus, government agencies' listings of the subject site vicinity area are not expected to represent a significant environmental concern on the subject site. o According to the ERS Reccheck Report, 8 neighboring properties within a 1-mile radius of the subject site was listed on the High Risk Occurrences Database; however, due to the ongoing remediation or relative distance, the sites are not likely to have a significant environmental impact at the subject site (for further analysis refer to Section 6). o The subject site was listed on the following databases: *Air-Dist-CA, FRS-US, Hist-CalFID-CA, Hist-FINDS-US, Hist-Vehicle-Parts, HWIS-CA and RCRA-SQG-US* (Appendix 8).
Data Gaps:	As of this assessment, EPC has yet to receive a response from the Los Angeles Fire Department regarding underground storage tank records for the subject site. If records received indicate any changes to the conclusion of this assessment, the responsible party will be notified.
Deviations & Deletions:	This Phase I report was conducted to meet or exceed the practices as All Appropriate Inquiries Rule (ASTM 1527-13 and 312.10 of this part [40 CFR Part

	312]). No significant deviations, deletions, or client imposed constraints were made from this Phase I practice.). • EPC is an independent consulting firm with no interest in the subject site at the subject site. • EPC has no special contractual conditions.
Report Preparation:	Environ Phase Consulting Co. (EPC) Jeff Lee, REA I Allen Shim, Registered Civil Engineer (PE)

EPC Summary Table since 1993
REC: Recognized Environmental Condition

1. INTRODUCTION

Purpose

This site assessment report was conducted to evaluate environmental risk for current lending requirements. This report was performed to identify potential environmental concerns associated with the property due to its location and former and current property use.

1-2. Scope of Work & Involved Parties

This Environmental Site Assessment (Phase I) was performed to meet the AAI Rule (40 CFR Section 312.21-Results of Inquiry by an Environmental Professional and 312.31-Standards and Practices) following due diligences.

- On site visual inspection;
- Visual inspection surrounding the subject site;
- Review local environmental agencies' records;
- Review previous environmental report;
- Review available historical tenant records;
- Research hydrogeology;
- Review historical usages using building Dept record and Sanborn Map;
- Interview with the property Owner/User;
- Review environmental government records using database; and
- Recommendation/Conclusion

This report also addressed potential environmental risk under a 1-mile radius of the subject site. The information adduced in this Phase I report was furnished in good faith. An environmental data research report with reliable environmental site auditing was provided from the database supporting company, Environmental Data Resources Inc. (i.e., an environmental information and computer data retrieval company).

Environmental check list was summarized including involved parties for Phase I Preparation (Table 1):

Table (1) Phase I, Environmental Check List

Content	Check List	
Site Reconnaissance:	Site Photos	Yes
	On-Site inspection	Yes
	Immediate neighboring properties inspection	Yes
Review of Historical Uses & Sources of Information:	Building Dept Record	Yes
	Historical Tenant Search	Yes
	Sanborn Fire Insurance Maps Review	Yes
	Historical Aerial Photographs	Yes
Hydrogeology Information	USGS Topography Map	Yes

	Contour Data Search	Yes
Previous Environmental Assessment provided by the owner:	Environmental site assessment previously conducted by others was provided by the property owner.	Yes
	Environmental site assessment previously conducted by others was provided by other agency.	No
Review of Federal and State Records (i.e., Environmental Record Search (ERS) Report)	Standard Environmental Regulatory Records NPL, CERCLIS, ERNS, HMIRS, LUST, UST, SWIS, NT, Operation Sites Records, and etc.	Yes
Review of Local Government Agencies' Records:	Environmental related local agencies: City of Los Angeles Fire Department	No
	SCAQMD	Yes
	LUST/UST file search using SWRCB web site	Yes
Owner's Information:	Property Profile Preliminary Title Report & Deed for Lien Search County Tax Assessor record review	Yes Yes Yes
Environmental Questionnaire	Interview	Yes
Data Gaps:	Weather A lack of or inability to obtain information. Unknown site usage during certain time periods.	No Yes No
	Inability to interview the current owner and tenants	No
Report Preparation	Qualification and Signature of the Environmental Professional: 40 CFR Part 312 Jeff Lee, REA I Allen Shim, Registered Civil Engineer (PE)	Yes
Executive Summary	It generally consists of the reconnaissance summary, site information, decision regarding environmental concerns.	

EPC Table Form 010 since 1993

2. SUBJECT PROPERTY INFORMATION

2-1. Geographic Setting

The subject site is located at 327 North Harbor Boulevard, San Pedro, California. Plot plan is presented in Appendix 2. The subject site's physical location is found employing a United States Geological Survey (USGS) 7.5 Minute Topographic Quadrangle (Quad) Map relevant to the subject property. The USGS 7.5 Minute Quad Map has an approximate scale of 1 inch to 2,000 feet, and shows physical features with environmental significances such as wetlands, water bodies, roadways, mines, and buildings. The subject site is located within 33˚ 44′ 45″ north latitude and 118˚ 16′ 48″ west longitude. The elevation of the subject site is approximately 21 feet above mean sea level (MSL).

2-2. Subject Site Description

A staff consultant of Environ Phase Consulting Company (EPC) visited the subject site on December 28, 2016 to observe the current site conditions (See Section 3 in this report and Site Photos as shown in Appendix 2): The subject site address is 327 North Harbor Boulevard in the city of San Pedro, CA. The site includes the following address ranges: 319-327 North Harbor Boulevard and 316-332 North Beacon Street. The site is located south of W O Farrell Street and between North Beach Street and North Harbor Boulevard, in a mixed commercial and residential area. The subject site consists of two adjacent rectangular parcels (APN: 7449-014-013 & 7449-014-014) that of which is currently vacant. According to the Los Angeles County Assessor, the entire property lot size is approximately 24,204 square feet (Appendix 5). Currently, the subject site is vacant.

2-3. Historical Property Use Search

2-3-1. Property Profile

Based on the historical records (i.e. aerial photographs, building permits, historical tenant search, etc.), the following can be reasoned: the subject site was, first, developed in 1925 as a machine shop in the northern portion of the subject site, until approximately 1938. Subject site was utilized as a battery manufacturing warehouse facility from approximately 1951 to 2006, doing business as Arco Battery Manufacturing. Several subsurface investigations have been conducted at the subject site, for further analysis refer to Section 4-3. The facility was demolished in 2007. There has been commercial sales of Christmas trees and pumpkins during the respective holidays in 2010 and 2013. The subject site has been vacant and void of all structures since then. The summary of the property profile is shown in Table (2).

Table (2) Summary of Property Profile

Representative Address:	319-327 North Harbor Boulevard 316-332 North Beacon Street San Pedro, CA 90731
APN:	7449-014-013 7449-014-14

Jurisdiction:	City of Los Angeles
Occupancy:	Vacant
Property Type:	Industrial
Property Size:	24, 204 square feet
No. of Building:	0

EPC Table Form 020 since 1993
Los Angeles Parcel Profile Report (Appendix 5)

2-3-2. Fire Insurance Map Review (Sanborn Map)
EPC requested Sanborn maps to ERS (an environmental information and computer data retrieval company for EPC). Sanborn Library, LLC collection have been searched based on client supplied target property information, and fire insurance maps covering the target property found the following (Appendix 3):

1950: The subject site has an auto garage located in the southwestern portion of the subject site.
A hotel, Del Mar Hotel, is located south of the subject site. Residential dwellings can be observed to the east and west of the subject site.

1951: A battery manufacturing warehouse is observed in the northern portion of the subject site.
No significant changes to the neighboring properties from the previous Sanborn map.

1969: The battery manufacturing warehouse has expanded in structure. An auto repair facility can be observed in the north central portion of the subject site.
The State Dept. of Motor Vehicles can be observed in the north neighboring property. Neighboring property to the west is a vacant lot.

Fire insurance maps are large-scale maps that depict the commercial, industrial and residential sections of some twelve thousand cities and towns in the United States. These specialized maps were first prepared for the exclusive use of fire insurance companies and underwriters to provide accurate, current and detailed information about the buildings they were insuring. Information relied upon in place of personal examinations of property. Fire insurance maps show the size, shape and construction of dwellings, commercial buildings and factories, as well as indicate widths and names of streets, property boundaries, and house and block numbers. The primary benefit of reviewing fire insurance maps is to analyze historical land use of a subject property and its immediate area. In this review, special emphasis is given to the existence and location of fuel storage tanks, flammable or other potentially hazardous substances, as well as the nature of businesses located on site.

2-3-3. Aerial Photograph
Archival aerial photographs (U.S. Dept of Interior Geological Survey) were examined for the building location at the subject site as shown in Appendix 3: Subject property includes address at 327 North Harbor Boulevard. The summary of the aerial photos are shown in Table (3).

Table (3) Summary of Aerial Photographs

Year	Subject Site Description	Neighboring Property Description
1952, 1963	Structures can be observed in the southern portion of the subject site.	**North:** Appears vacant. **South:** Occupied by structure **East:** Appears vacant. **West:** A residential dwelling can be observed.
1972	A structure and activity can be observed in the northern portion of the subject site. Southern portion is void of all structures.	**North:** Present day facility can be observed. **South:** Appears vacant. **East:** Present day fcility can be observed. **West:** Appears vacant.
1980	No significant changes from previous aerial photograph.	**North:** Present day facility can be observed. **South:** Present day facility can be observed. **East:** Present day facility can be observed. **West:** Present day facility can be observed.
1989	Image is unclear for analysis.	Image is unclear for analysis.
1994, 2003	Activity can be observed in the southern portion of the subject site.	No significant change from previous aerial photograph.
2008, 2016	Demolition of previous structure can be observed. Subject site is in its current condition.	Subject site is located in a mixed commercial and residential area.

Source: U.S. Dept of Interior, Geological Survey (Appendix 3).
EPC Table Form 030 since 1993

2-3-4. Historical Tenants Search (Appendix 4)

Table (4) Summary of Historical Tenant Search

Year	Address	Tenant
1923	327 North Harbor Blvd.	Address Not Listed
1926	327 North Harbor Blvd.	San Pedro Iron & Metal Co
1930	327 North Harbor Blvd.	Jantzen & Tassio
1934	327 North Harbor Blvd.	Terporten, Jacob
1940	327 North Harbor Blvd.	San Pedro Street Pipe Co
1946	327 North Harbor Blvd.	Harbro Streel Fabricators
1952-1990	327 North Harbor Blvd.	Arco Battery Mfg Co
1995	327 North Harbor Blvd.	Arco Battery Mfg Co GTR Incorporated

2000	327 North Harbor Blvd.	Arco Battery Mfg Co GTR Incorporated Stewart, Raymond
2004-2006	327 North Harbor Blvd.	Arco Battery Mfg Co

General Information: Various published city business tenant directories for the Los Angeles **City, CA** area to identify historic tenants of the subject site and its neighboring properties was completed. The three general types of directories researched for the historical tenant report are the city directory, street address directory, and criss-cross directory. All three types are devoted to have sections that list the tenant and telephone number of given street addresses by their street name and address. These telephone directories, not as readily available to the public as white pages or yellow pages, are excellent for uncovering names, business names and nature of businesses as listed by street address.

2-3-5. Building Department Records

The records provided limited information about building construction date, past owner, and building use. The City of Los Angeles Building Department permit record is able to use directly or indirectly to determine historical occupancies, property usages, and construction records of the subject site as summarized as follows (Appendix 5):

Table (5) Summary of Building Permit Records

Date	Owner	Purpose
2/9/1925	*illegible*	Development of a new machine shop
8/4/1938	Jose Preigel	Repair and or alter the existing machine shop
3/15/1955	Arco Battery Co.	Fix sign for battery shop
8/21/1956		Develop new storage for supplies (non-hazardous)
9/14/1959		Change occupancy of one listing building from warehouse to auto repair
4/10/1963	Reinholt Ruhl	Erect wood frame of existing battery shop
4/5/1966	Arco Battery Co.	Erect 20 sq. ft. double face projection sign for existing battery manufacturing warehouse
10/3/2007	327 Harbor Blvd. LLC	Demolish existing building and clear site
9/30/2010		Vacant property was utilized for pumpkin sales from Oct. 15 to Oct. 31 only.
11/5/2010		Vacant property was utilized for Christmas tree sales from Dec. 1 to Dec. 31 only.
12/4/2013		

2-4. Records Review for Hazardous Substance Usages

EPC field engineer visited or contacted the following public agencies to find any records of operation permits, licenses, and registration of underground fuel storage tank (UST) or any other hazardous substances on the subject site.

2-4-1. State Water Resources Control Board

A review of the Geo Tracker UST record using website (http://geotracker.swrcb.ca.gov/) dated December 20, 2016. The subject site did not appear as UST/LUST site in the Geo **Tracker** (Appendix 6)**.**

2-4-2. LAFD-UGT Unit and Hazardous Material Unit

On December 20, 2016, EPC requested permit records of a local environmental lead agency {i.e., Los Angeles City Fire Dept} whether underground fuel storage tank (UST) and hazardous material operation permits were issued at the subject site (Appendix 6):

- Records from the LAFD-Hazardous Material Unit usually takes 2~4 weeks to obtain records. As of this assessment, EPC has yet to receive a response from the LAFD-Hazardous Material Unit; therefore, EPC was not able to obtain any hazardous material records of the subject site. If records are received and indicate any changes to the report, the responsible party will be informed.

- Records from the LAFD-UGT Unit usually takes 4~8 weeks to obtain records. As of this assessment, EPC has yet to receive a response from the LAFD-Underground Storage Tank Unit; therefore, EPC was not able to obtain any underground storage tank records of the subject site. If records are received and indicate any changes to the report, the responsible party will be informed.

2-4-3. South Coast Air Quality Management District (SCAQMD)

Based on the SCAQMD information using the agency' databases (http://www3.aqmd.gov/webappl/fim/prog/search.aspx) on December 20, 2016, the subject site did appear in the SCAQMD during this assessment (Appendix 6).

- Arco Battery Mfg. Co. (Facility ID# 5565) has an *inactive* permit to operate one battery group burning table.

2-4-4. Cal/EPA DTSC

Hazardous generator record of the subject site did appear in California State EPA Dept. of Toxic Substances Control (DTSC) (Appendix 6).

- Arco Battery (EPA ID# CAL000037938) has an *inactive* permit as of 1/1/1900.
- 1x Arco Battery (EPA ID# CAC000625160) has an *inactive* permit as of 10/25/2000.
- Arco Battery (EPA ID# CAD009525692) has an *inactive* permit as of 6/30/2007.
- 327 N. Harbor Blvd. LLC (EPA ID# CAC002623940) has an *inactive* permit as of 5/13/2008. The site generated 595.6 tons and 594.7 tons of hazardous waste in 2007 and 2008, respectively.

2-5. Hydrogeology Information

Hydrologically, the subject property is located approximately within the West Coast Basin of the Los Angeles County Coastal Plain of the Los Angeles Basin. The West Coast Subbasin of the Coastal Plain of Los Angeles Basin is adjudicated and commonly referred to as the "West Coast

Basin." It is bounded on the north by the Ballona Escarpment, an abandoned erosional channel from the Los Angeles River. On the east it is bounded by the Newport-Inglewood fault zone, and on the south and west by the Pacific Ocean and consolidated rocks of the Palos Verdes Hills (DWR 1999). The surface of the subbasin is crossed in the south by the Los Angeles River through the Dominguez Gap, and the San Gabriel River through the Alamitos Gap, both of which then flow into San Pedro Bay.

Sources:

- *South Coast Hydrologic Region California's Groundwater Coastal Plain of Los Angeles Groundwater Basin Bulletin 118*
- *California Department of Water Resources (DWR), 1961, Planned Utilization of the Ground Water Basins of the LA County, Bulletin No. 104 - Southern District. 1999. Watermaster Service in the West Coast Basin, Los Angeles County, July 1, 1998 – June 30, 1999. 84 p.*

Reference Groundwater Monitoring Well Information:

- According to State Water Resources Control Board (SWRCB) database (Geo Tracker), former San Pedro Shell Station is adjacent to approximately 0.8 miles west. Depth to groundwater was measured ranging from 32 feet to 53 feet below top of casing.
  Source: Former San Pedro Shell at 406 Gaffey Street, San Pedro CA, Global ID T0603717723 (Geo Tracker)

3. SUBJECT SITE RECONNAISSANCE

EPC performed the field inspection survey of the subject site and adjacent properties on December 28, 2016 including visual inspection of ACMs, PCB chemical, UST, AST, fuel island, hydraulic hoist unit, hazardous material, well, lagoons, and visual indication of spill using an **Environmental Questionnaire** Form of the ASTM E1528-13 (Appendix 7). The field inspection was summarized in Table (6): EPC did ***not*** reveal evidences of human harmful activity or ***significant*** pollutant emission enough to pose immediate environmental concern in the subject site.

Underground tanks and features (e.g., fuel refill, vapor return, dispensing system, turbine manholes, and etc.) normally associated with USTs were not observed at the site. No evidence of UF foam insulation was observed during the subject site reconnaissance. Any electrical transformers were not observed at the site and around sidewalk that might be contained polychlorinated biphenyles (PCB) chemical. Also, there was no PCB waste handlers database within a 1-mile radius Environmental Record Search Report. No suspect unknown containers that might be used for the storage or disposal of hazardous materials or wastes or regulated substances were observed.

Table (6) Subject Site Reconnaissance Summary

No	Inspection Categories	Risk Evaluation				Records / Description
		High	Med	Low	Unk	
3-1	Vapor Intrusion			x		Industrial
3-2	Asbestos-Containing Material			x		Vacant
3-3	Lead Based Paint			x		No pealing evidence
3-4	Polychlorinated Biphenyl			x		No
3-5	Underground Storage Tank, Piping, and/or Dispenser			x		No
3-6	Aboveground Storage Tank (AST)			x		No fuel AST
3-7	Hydraulic Hoist Unit			x		No
3-8	RCRA Hazardous Materials			x		No
3-9	Non-RCRA Wastes, Other Chemicals Containers			x		No
3-10	Hazardous Waste TSD			x		No
3-11	Distressed Vegetation			x		No
3-12	Stockpile, Soil Staining			x		No
3-13	Waste Treatment Unit			x		No
3-14	Solid Waste Disposals			x		No
3-15	Wells			x		No
3-16	Utilities			x		LADWP
3-17	Visual Indications of Spills, Leakage			x		No
3-18	Pits, Ponds, & Lagoons			x		No
3-19	Urea Formaldehyde			x		No
3-20	Herbicide & Pesticides			x		No
3-21	Biological Hazardous Wastes			x		No
3-22	Radon			x		LA County area: 2-4 pCi/L

EPC Table Form 060 since 1993

Radon Estimate: The area radon concentrations were reported by U.S. Radon Map

3-1. Vapor Intrusion

The subject building was once subject to vapor intrusion (VI) for its past usage as a battery manufacturing facility; however due to the following closure letters received on August 1992, January 1995, and July 2008, the site is no longer subject to vapor intrusion (VI) or vapor encroachment condition (VEC). If residential zoning conversion is planned, a vapor intrusion investigation (e.g., Human Health Risk Assessment) should be performed to meet Cal/EPA guidance. Actual sampling and analysis is beyond the contracted scope of this assessment work, thus not included in this report.

Tier 1 (EPA, 2012): The EPA guidance recommends primary screening be used with general knowledge of a site and chemicals known or reasonably suspected to be present in the subsurface; it does not call for specific media concentration measurements for each Contaminants of Concern (COC). Since this screen relies on basic physical factors, such as the presence of volatile compounds or occupied buildings, Tier 1 can be used to screen in sites (that is, carry sites on for further investigation of the potential for VI) as well as (where there is adequate characterization of the contamination present) screen out sites from further consideration since VI is unlikely based on knowledge of the basic physical parameters.

Tier 2. The EPA guidance recommends secondary screening be used with some limited site-specific information about the contamination source. Observations and experiences since 2002 suggest considerable variability and uncertainty are associated with the predicted indoor air concentrations based on external measurements. The recommended VISL Calculator can assist RPMs and OSCs in determining whether a VI investigation is needed based on an initial review of limited site data by: (1) identifying whether chemicals that can pose a risk through VI are present; (2) determining if explosive levels are present (lower explosive limit [LEL] column of the VISL); and (3) comparing existing data (if determined to be of adequate quality) against screening levels provided in the VISL Calculator for standard default scenarios (residential or commercial).

- The vapor screen test (Tier 2) is out of the scope of work this Phase I assessment.

OSCs: On-Scene Coordinators
RPM: Remedial Project Manager
VISL: Vapor Intrusion Screening Level
VI: VI is the general term given to the migration of volatile chemicals from subsurface contaminated soils and groundwater into the indoor air spaces of overlying buildings through openings in the building foundation (for example, cracks and utility openings)(Johnson and Ettinger 1991). A key concept of VI is that the vapor concentrations attenuate (decrease) as the vapors migrate.

3-2. Asbestos-Containing Building Materials (ACMs)

Result of Visual Inspection: Based on such historical information of the subject site, the existing building was demolished in 2007. Federal Government banned asbestos for commercial use in 1978. If renovation or demolition of the subject building is planned, asbestos containing material survey should be performed due to erected the building year. Actual sampling and analysis (polarized light microscopy with dispersion staining method and/or count point) is beyond the contracted scope of this assessment work, thus not included in this report.

Information: U.S Federal Government banned asbestos for commercial use in 1978. Based on above historic information of the site, the on-site building at the site appears to be of the age and construction that suggests the possibility the construction material may

contain asbestos fibers. Potential locations for the presence of asbestos containing materials (ACMs) in the on-site building are floor tiles, wall insulation, pipe insulation, roof sealant, and etc.

3-3. Lead-Based Paint

No lead-based paint was found at the subject site. Actual sampling and analysis is beyond the contracted scope of this assessment work, thus not included in this report. If renovation or demolition of the subject building is planned, lead based paint inspection can be tested on interior and exterior walls using non-destructive analysis device (e.g., Nitron XLp 300A or others). The lead based paint inspection should be performed to meet the inspection protocol in Chapter 7 of HUD Guidelines (United State Department of Housing and Urban Development 2012 Edition).

General Information: Title X of the Housing and Community Development Act of 1992 referred to as the "Residential Lead Based Paint Hazard Reduction Act" was signed on October 28, 1992. And the interim final rule 29 CFR 1926.62 for the occupational Safety and Health Administration (OSHA) regulated lead exposure standard in construction in June 3, 1993 requires disclosure of the presence of lead-based paint hazards before the sale or lease of pre-1978 housing or commercial building. This rule (lead exposure standard) will become effective in October 1995. This provision of the OHSA lead in construction standard-29 CFR 1926.62 applies to all construction work in which lead is present. The employer must ensure that no employee is exposed to concentration of lead in excess of the permissible exposure level (PEL) for lead, which is an eight-hour time weighted average (TWA) exposure of 50-ug/cubic meter. Testing and monitoring must be continually conducted as the project unfolds. Dust wipe clearance testing must be done at the completion of the project to demonstrate that the project activities did not leave any lead hazard on site at the end of the project.

SBA SOP 50 105 (H), Subpart B- Section H: Special Use Facilities Prudent lending practices dictate that specific additional environmental assessments be performed for certain special use facilities. For example, Property constructed prior to 1980 that will be used for daycare or child care centers or nursery schools or residential care facilities occupied by children must undergo a lead risk assessment (for lead based paint) and testing for lead in drinking water, and the results of these assessments must be submitted to the SBA. Disbursement will not be authorized unless the risk of lead exposure to infants and small children has been sufficiently minimized".

3-4. Polychlorinated Biphenyl (PCB's)

- No PCB-containing hydraulic fluid trash compactor or PCB-containing transformer was discovered at the site.
- PCB chemical was not observed at the subject site during our inspection.
- Electrical transformer, which might be contained PCB chemical, was **not** observed at the subject site.

General Information: Prior to 1978, PCBs was commonly used in dielectric fluids in transformers, capacitors, and light ballast's due to their desirable thermal characteristics and hydraulic fluid compactor. Due to their demonstrated toxicity and persistence in the environment, PCB manufacturing in the United State was discontinued. No PCB-containing light ballasts were inspected, which operate fluorescent light fixtures. Separate survey of PCB's on existing light ballasts can only determine the content, unless such ballasts contained in the fluorescent light fixtures are labeled with "no PCB". Prior to construction or any disturbances to the existing light fixtures, PCB-ballasts survey has to be performed, and identified PCB-ballasts shall properly be disposed of by incineration or recycled within authorized facilities.

3-5. Underground Fuel Storage Tank (UST), Associated Piping, & Fuel Island

No USTs and features (e.g., vent pipe, island form, service canopy, tank manhole, and etc.) were observed at the subject site.

Definition

- UST System: An underground storage tank system is a tank (or a combination of tanks) and connected piping having at least 10 percent of their combined volume underground. The tank system includes the tank, underground connected piping, underground ancillary equipment, and any containment system. The federal UST regulations apply only to underground tanks and piping storing either petroleum or certain hazardous substances (Subpart A of Part 280 of the Code of Federal Regulations (CFR)).

3-6. Aboveground Fuel Storage Tank (AST)

No fuel ASTs were observed on the property.

Definition

- AST: An "aboveground storage tank" or "storage tank" means a tank that has the capacity to store 55 gallons or more of petroleum and that is substantially or totally above the surface of the ground. The aggregate design/shell capacities of all non-transportation related aboveground tanks containing petroleum at the tank facility (owned or operated by the same business or person) with a design/shell capacity equal to or greater than 55 gallons should be added together. If the total aggregate capacity is equal to or greater than 1,320 gallons, the tank facility is likely captured under California Aboveground Petroleum Storage Act (APSA).

3-7. Hydraulic Hoist Unit

No hydraulic hoist unit was observed at the subject site.

3-8. RCRA-Hazardous Substances

No RCRA hazardous substances were observed at the subject site during our site inspection.

Definition

RCRA is the Resource Conservation and Recovery Act, which was enacted by Congress in 1976. RCRA's primary goals are to protect human health and the environment from the potential hazards of waste disposal, to conserve energy and natural resources, to reduce the amount of waste generated, and to ensure that wastes are managed in an environmentally sound manner. RCRA regulates the management of solid waste (e.g., garbage), hazardous waste, and underground storage tanks holding petroleum products or certain chemicals.

3-9. Other Chemical Containers

No chemicals were observed at the subject site.

3-10. Hazardous Waste Treatments, Storage, and Disposal (TSD)

No TSD of hazardous waste, other than described in the preceding sections, was found during the site investigation.

3-11. Distressed Vegetation

No evidence of distressed vegetation at the subject site.

3-12. Stockpile & Soil Staining

No stockpile and soil staining were observed at the subject site.

3-13. Wastewater Treatment Unit/Clarifier

No wastewater treatment/clarifier were observed at the subject site during our site inspection.

3-14. Solid Waste Disposals

No improper activities of treatment or disposal of hazardous, medical, or toxic wastes were performed on the subject site.

3-15. Wells

No monitoring well covers were observed at the subject site.

3-16. Utilities

Utility	Utility Company	Observation
Any industrial boiler used of petroleum fuel oil	Individual Co.	No oil boiler, might be contained asbestos insulator, was observed at the subject site.
Water	LADWP	Active
Electricity	LADWP	Active
Septic Tank	Individual Co.	None
Sewer	City	Active
Telephone	AT & T	Active
Municipal gas	SoCal Gas	Active

EPC Utility Table since 1993

3-17. Visual Indications of Spills or Leaks

No evidences of oils spill or chemicals leak were observed at the site.

3-18. Pits, Ponds, and Lagoons

No visible evidence of wetlands such as pits, ponds, lagoons, or any other water bodies were observed within the property's boundary line.

3-19. Urea Formaldehyde

No evidence of UF foam insulation was observed during the subject site reconnaissance. The potential for UF on the site presumed low. EPC is not contracted to perform the testing of formaldehyde level on the building. Thus, the delineation of its level is beyond the scope of the service included in this report: Formaldehyde, by itself, or in combination with other chemicals, serves a number of purposes in manufactured products. It had been widely used to add permanent press qualities to clothing and draperies, as a component of glues and adhesives, and as a preservative in some paints and coating products. In commercial buildings, the most significant sources of formaldehyde are pressed wood products made using adhesive that contain urea-formaldehyde (UF) resins, such as particleboard, hardwood plywood paneling, and medium density fiberboard. As a colorless, pungent-smelling gas, formaldehyde can cause sensations in the mucous membrane and difficulty in breathing which could lead to asthmatic attack. Newly installed UF foam insulation often releases the gas-phase UF for six to twelve months. Such volatilized gases can concentrate in the internal air of a building.

3-20. Herbicides & Pesticides

No evidence of herbicides or pesticides use on the site was observed during the inspection.

3-21. Biological Hazardous Wastes

No biological hazardous wastes were observed during the inspection.

General Information: Any Substance of a human or animal origin, other than food waste, which is to be disposed of and could harbor to transmit pathogenic organisms including but not limited to pathological specimens such as tissues, blood elements, excreta, secretion, bandages, and related substances. Increasing interest in the hazards from pathogens in bio-solid waste or sludge has required more intensive interest in determining their levels in bio-solid waste and in the effect of processing techniques on them. Methods, which are merely extensions of methods used for wastewater, are well developed for the usual indicators of bacterial pollution (e.g., coliform, fecal coliform) and common pathogens such as Salmonella species. Very little is known about the levels of parasites such as protozoa and helminthes in solid wastes in the United States. Determination of virus concentrations in solid wastes is complicated by the fact that viruses are strongly adsorbed by the various solids types. The recovery from such solids is highly variable, which makes it difficult to establish levels and effects of processing. The National Science Foundation, ERDA, and EPA have been supporting work related to transport of viruses from solid wastes to the environment and to destruction of viruses in solid wastes by ionizing radiation or incineration.

3-22. Radioactivity (Radon)

The subject site was ***not likely*** to be exposed by harmful level of radon with following reasons:

- Radon concentrations in the Los Angeles County were assessed using information supplied by the EPA Map of Radon Zones. The Los Angeles County is located in Zone 2. Average indoor radon levels may be between 2-4 picocuries of radon per liter of air (pCi/L). The USEPA action level for radon is 4.0 pCi/L. Therefore, the levels of radon at the subject site did not appear to present an environmental concern.

  General Information: The purpose of the EPA map is to assist National, State, and local organizations to target their resources and to implement radon-resistant building codes. This map is not intended to be used to determine if a home in a given zone should be tested for radon.

4. OWNER/USER PROVIDED INFORMATION

4-1. Interview with the Current Property User

On December 20, 2016 an environmental questionnaire was prepared for the owner (Red Curbs Investments) using Environmental Questionnaire Form (Appendix 7).

- Thomas Cole, an employee of Red Curbs Investments, answered "no" to the questions presented in this assessment questionnaire regarding environmental lien.

- Red Curb Investments appeared as the primary owner for the property (Chicago Property Profile).

4-2. User Provided Information

The United States Environmental Protection Agency (USEPA) All Appropriate Inquiry (AAI) and ASTM 1527-13 Phase I Standards require that the Report User conduct independent research and consider certain information before purchasing a property.

4-2-1. Lien Search

The property user/owner is required to obtain a recent (less than 180 days old) title report prepared for the subject property. The report should be reviewed to obtain information regarding environmental clean-up liens or activity and use limitations with regard to the subject property. If environmental cleanup liens or activity and use limitations encumbering the subject property or in connection with the subject property are identified, the User should provide that information to the Environmental Professional (Environ Phase Consulting Company). If the User has actual knowledge of environmental cleanup liens or activity and use limitations encumbering the subject property or in connection with the subject property, the User should provide that information to the Environmental Professional (i.e., Environ Phase Consulting Company).

- No environmental lien was found in Preliminary Title Report provided by lender.

4-2-2. Specialized Knowledge

The property user/owner should provide the Environmental Professional (Environ Phase Consulting Company) with any specialized knowledge the User has with regard to recognized environmental conditions in connection with the property.

- The Owner/User is not aware of any specialized knowledge about the subject property with respect to recognized environmental conditions.

4-2-3. Commonly Known or Reasonably Ascertainable Information

If the property user/owner is aware of any commonly known information in the community about the subject property with respect to recognized environmental conditions, the property user/owner should provide the information to the Environmental Professional (Environ Phase Consulting Company).

- The Owner/User is not aware of any commonly known information in the community about the subject property with respect to recognized environmental conditions.

4-2-4. Property Valuation

If this Phase I was prepared as due diligence for a property transaction, it is the responsibility of the User to consider the relationship of the purchase price to the fair market value of the property. If the purchase price is significantly lower than the fair market value, the User should identify the alternate reason for the low purchase price if the lower purchase price is not related to the property being affected by hazardous substances or petroleum products.

- No significant evidences of valuation reduction were found for the subject site regarding environmental issues during this assessment.

4-3. Previous Reports (Appendix 7)

- On June 12, 2008, JHD Services conducted a *Soil Remediation Report* for the former Arco Battery Site located 319-327 North Harbor Boulevard. Previous subsurface soil investigation results are summarized as the following:

  In September 1986, Western Laboratories of Gardena, CA collected samples for analysis for pH and soluble sulfates. The report suggests the samples collected were in an "acid pit area".

  In September 1991, in response to Los Angeles County Health Department concerns, a limited sampling was conducted and Ancon Marine excavated approximately 350 cubic yards of soil from an area just north of the main building. Soil samples collected and analyzed from the excavation pit verified that the contaminated soil was removed. The excavated soil was stockpiled on-site for subsequent on-site remediation through chemical fixation. The analytical results for the confirmation soil samples indicated lead concentrations ranging from non-detect to 36.4 mg/kg.

  In April 1992, Contamination Clean-up of California used chemical fixation to treat the excavated soil and reused it to backfill the excavation pit to the north of the main building.

  On August 13, 1992, the County of Los Angeles Fire Department completed the review of the remediation action report of the excavation and remediation of lead contaminated soils at Arco Battery Manufacturing. The **Department was satisfied that the excavation phase of the remedial action plan has been completed and the after-treatment test results indicate the agreed upon cleanup goals have been obtained, and the site received a conditional closure.**

  On January 26, 1995, the County of Los Angeles Fire Department completed the review of the Closure Report for the Excavation and Remediation of Lead Contaminated Soils at Arco Battery Manufacturing and a closure addendum submitted by Ancon Marine. **The Department has no further requirement or restriction relating to this site at this time, and issued a final closure letter (Appendix 7).**

  In April 1996, SECOR conducted a soil and groundwater investigation to evaluate the possible presence of lead in soils in other areas of the north lot and in the groundwater. They collected 50 soil samples and 4 groundwater samples from a total of 25 boring locations. Soluble lead was

present in soil in concentrations of 5 mg/L in two areas: the storage building near the sewer line, and the southwest portion of the northern lot; however, results indicated that groundwater was not impacted.

In January 2005, JHD Services conducted a subsurface investigation to further delineate the extent of contamination. JHD collected 64 samples from 15 borings using direct-push Geoprobe equipment to a maximum depth of 20 feet bgs. Acidic soil conditions were detected in 6 of the 64 soil samples; however, none of these acidic soil samples were correlated with samples exhibiting a lead concentration of greater than 1,000 mg/kg.

In May 2005, Biophysics Environmental Assessments conducted a subsurface investigation for lead and pH. Analytical test results indicated that lead concentrations exceeded 1,000 mg/kg in 2 of the 11 borings. These two borings were located between the main building and the storage building within the area that was previously excavated and remediated in 1991.

In August 2005, Geologica of Newport Beach conducted a subsurface investigation and excavated an area at the western end of the northern lot for evaluation of an area where auger refusal was previously encountered. Excavated materials were backfilled in the pit and the pit was resurfaced.

In September 2006, ENCCORRE Services conducted a subsurface investigation that included assessments for VOC's, TPH, PCB's pesticides, as well as lead and other heavy metals. Results of the soil gas investigation indicated that ethylbenzene and xylenes were found in only 1 boring location. Tetrachloroethylene (PCE) was detected in 2 boring locations, and petroleum hydrcarbons were detected in 1 boring. Results of the soil investigation indicated that 36 out of 49 samples collected contained detectable concentrations. Volatile organic compounds (VOCs) were not detected in any of the soil samples collected.

The remediation objectives for the site were the following: to minimize potential for migration of the lead in soil to other media including air, surface, and groundwater; and minimize potential human exposure to the lead in soil via dermal contact, inhalation or ingestion.

Soil excavation activities were performed between October 2007 and January 2008 and included the following tasks: excavation of six lead-impacted soil plumes, personal and perimeter air monitoring for lead, excavation confirmation sampling, stockpile sampling, and submission of samples for analysis.

Laboratory results for the confirmation and stockpile soil samples are summarized as the following:

Eight (8) samples were taken from the northwest excavation, and 2 samples exceeded the residential target lead level (150 mg/kg). Sixteen (16) samples were taken from the west excavation, and all samples results were below the residential target level. Seven (7) samples were taken from the southwest excavation, and 1 sample exceeded the target level. All 8 samples from the southeast excavation were below the target level. Nine (9) samples were collected from the main excavation, and 1 sample exceeded the target level. All 5 samples collected form the northeast excavation were below the residential target level. Samples from the two stockpiles, generated by soils removed from the excavation, did not contain Title 22 metals, hydrocarbons, or VOCs above regulatory levels.

- On July 17, 2008, the County of Los Angeles Fire Department completed the review of the following reports: "Soil Remediation Report, Former Arco Battery Site, 319-327 North Harbor Boulevard, San Pedro, CA" and Addendum to Report, 327 North Harbor Boulevard, San Pedro, CA. Based on the information provided, **the Department has no further requirement or restriction relating to this site at this time, and issued a closure letter (Appendix 7).**

5. VISUAL INSPECTION OF NEIGHBORING PROPERTIES

Result of Visual Inspection: Our site inspection did not reveal evidences of human harmful activity or significant pollutant emission enough to pose immediate environmental concern into the subject site. There were also no improper wastes stream processing or disposal practices were observed on the subject property. Neighboring properties were summarized as shown in Table (7).

Table (7) Summary of Adjacent Properties

Site	Address	Visual Inspection
North	Medical Bldg 411 N. Harbor Blvd	Adjacent across WO Farrell Street No signs of hazardous materials and wastes were observed.
South	Creative Pet Supply 305 N. Harbor Blvd	No signs of hazardous materials and wastes were observed.
East	World Cruise Center 100 Swinford Street	Adjacent across Harbor Blvd No signs of hazardous materials and wastes were observed.
West	Icon International and Industrial & Marine Supplies 345 N. Beacon Street	2-story block building is adjacent across Beacon Street. No signs of hazardous materials and wastes were observed.

Photos: See Appendix 2

EPC Table Form 070 sine 1993

6. ENVIRONMENTAL GOVERNMENT RECORD SEARCH

In order to determine reported areas of possible environmental impairment on or within a 1-mile radius of the site, an environmental record search (ERS) report was obtained from the database company. The conducted government record search was performed to aid. In compliance with AAI, the environmental agencies' records are summarized as follows: Identification of facilities, location within a one-mile or half mile radius of the subject site, which might pose a potential threat to the subsurface environment at the subject site; and identification of any environmental violation notices associated with activities conducted at the subject site itself. The following lists were reviewed for sites within a one-mile of the site (Appendix 8).

Environmental effects from the neighboring sites are evaluated at ***minimal risk level*** in accordance with the reported remedial actions, distance between the subject site and reference sites, and limited contamination of the reference sites.

High Risk* Occurrences Identified in Requested Search Radius		
Database Searched	**Distance Searched (Miles)**	**High Risk Occurrences Found**
Cal-CorAct-Open-CA	0.5	0
Cal-Military-Active	1	0
Cal-School-Active	0.5	0
Cal-State-Response-Active	**1**	**1**
Cal-Superfund-Active	1	0
Cal-VCP-Active	0.5	0
CERCLIS-US	0.5	0
County-LUST-Open-CA	0.5	0
County-SLIC-Open-CA	0.5	0
LUST-Open-CA	0.5	0
NPL-US	1	0
Proposed-NPL-US	1	0
Response-CA	**0.25**	**1**
SAA-Agreements-US	1	0
SLIC-Open-CA	**0.5**	**7**
Tribal-LUST-Open-Reg9	0.5	0
UST-Cleanup-CA	0.5	0

* "High Risk" occurrences are those that have known contamination and have not received a "case closed" or "no further action" status from the agency that maintains the records.

Cal-State-Response-Active

EnviroStor Database Superfund Other Listing

Description: This database contains a listing of State Response Active sites. These sites are 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.

- The subject site does not appear in the Cal-State-Response-Active listing.

- Richard's Cleaners is located 538 West 5th street, 0.65 miles southwest of the subject site. According to the Envirostor database, dry cleaning operations have been conducted on site as early as 1904 with the potential usage of petroleum-based solvent and perchloroethylene (PCE) as cleaning solvents. The site is being processed to find the potential responsible party (RPR). Due to the relative distance, the site is not likely to have a significant environmental impact at the subject site.

Response-CA

State Response Sites

Description: This database identifies confirmed release sites where DTSC is involved in remediation, either in a lead role or oversight capacity.

- The subject site does not appear in the Response-CA listing.

- Richard's Cleaner's is located 538 West 5th street, 0.65 miles southwest of the subject site. For further analysis, refer above to Cal-State-Response-Active.

SLIC-Open-CA

The Spills, Leaks, Investigation & Cleanup, Open Cases

Description: The Spills, Leaks, Investigation & Cleanup (SLIC) Program deals with site investigation and corrective action involving sites not overseen by the Underground Tank Program and Well Investigation Program.

- The subject site does not appear in the SLIC-Open-CA listing.

- Port of Los Angeles-Todd Shipyard is located 100 Regan Street, 0.25 miles north of the subject site. According to the GeoTracker database, a Supplemental Investigation of the Berths 102-105 Soil Piles located at Front Street and Knoll Avenue conducted a supplemental soil sampling was conducted. Results indicated that concentrations of chromium, copper, lead, and mercury in soil did not exceed the California total threshold limit concentration (TTLC), and therefore, no further action was necessary. Thus, the site is not likely to have a significant environmental impact at the subject site.

- Port of Los Angeles Berths 142-142 is located on 142-144 Berths, 0.29 miles north of the subject site. According to the GeoTracker database, the site has been impacted by a release of chemicals that were utilized in a historical wood treatment facility that operated for approximately 30 years. On June 2016, the site received an approval for the request for sampling and analysis by the Los Angeles Regional Water Quality Control Board. Due to ongoing remediation, the site is not likely to have a significant environmental impact at the subject site.

- Unocal Marine Terminal is located on No Numbers Berths 148-151, 0.29 miles north of the subject site. According to the GeoTracker database, the site operates a bulk fuel terminal facility. Environmental investigations and remediation activities have been ongoing since 1987; therefore, due to ongoing remediation, the site is not likely to have a significant environmental impact at the subject site.

- Shell-Mormon Island is located on Berths 157-159, 0.29 miles north of the subject site. According to the GeoTracker database, the site is a marine fuel terminal with LNAPL and dissolved-phase gasoline compounds in shallow groundwater. Semi-annual groundwater monitoring have been ongoing since January 2006; therefore, due to ongoing remediation, the site is not likely to have a significant environmental impact at the subject site.

- Former National Metals & Steel Corp. is located on Berths 212-213, 0.29 miles north of the subject site. According to the GeoTracker database, the site is listed *inactive* as of 1/1/1965; therefore due to the long period of an *inactive* status, the site is not likely to have significant environmental impact at the subject site.

- Former Union Oil Harbor Pipelines is located on Front Street, 0.31 miles north of the subject site. According to the GeoTracker database, a pipeline passed through two of Port's redevelopment project was removed, and results from multiple assessment identified petroleum hydrocarbon in soil and groundwater beneath the pipeline corridor. Remediation has been ongoing since 2012; therefore, the site is not likely to have significant environmental impact at the subject site.

- Former Chevron Marine Terminal is located 1510 Swinford Street, 0.31 miles northeast of the subject site. According to the GeoTracker database, the site's primary operations included fueling ships with bunker fuel and filling tanker trucks with lube oils and other petroleum products. Environmental investigations found petroleum hydrocarbons in soils and groundwater. Additional subsurface investigations have been ongoing to completely delineate the impact. Due to ongoing remediation, the site is not likely to have significant environmental impact at the subject site.

This subject site appears on the Air-Dist-CA, FRS-US, Hist-CalFID-CA, Hist-FINDS-US, Hist-Vehicle-Parts, HWIS-CA and RCRA-SQG-US (Appendix 8).

7. CONCLUSION

A staff consultant of Environ Phase Consulting Company visited the subject site on December 28, 2016 to inspect the current site conditions. EPC recommends *no further action* at this time based on the below conclusions of this assessment:

Subject Site

The subject site address is 327 North Harbor Boulevard in the city of San Pedro, CA. The site includes the following address ranges: 319-327 North Harbor Boulevard and 316-332 North Beacon Street. The site is located south of W O Farrell Street and between North Beach Street and North Harbor Boulevard, in a mixed commercial and residential area. The subject site consists of two adjacent rectangular parcels (APN: 7449-014-013 & 7449-014-014) that of which is currently vacant. According to the Los Angeles County Assessor, the entire property lot size is approximately 24,204 square feet (Appendix 5).

- Based on the historical records (i.e. aerial photographs, building permits, historical tenant search, etc.), the following can be reasoned: the subject site was, first, developed in 1925 as a machine shop in the northern portion of the subject site, until approximately 1938. Subject site was utilized as a battery manufacturing warehouse facility from approximately 1951 to 2006, doing business as Arco Battery Manufacturing. Several subsurface investigations have been conducted at the subject site, for further analysis refer to Section 4-3. The facility was demolished in 2007. There has been commercial sales of Christmas trees and pumpkins during the respective holidays in 2010 and 2013. The subject site has been vacant and void of all structures since then.

- EPC did not reveal significant evidences of UST, AST, PCB, distressed vegetation, stockpile soils, solid waste disposals, visual indications of chemical pits, ponds, lagoons, biological hazardous wastes, and other chemicals at the subject site based on our visual site inspection.

REC Search:

Historical RECs Study:

- On August 13, 1992, the County of Los Angeles Fire Department completed the review of the remediation action report of the excavation and remediation of lead contaminated soils at Arco Battery Manufacturing. The Department was satisfied that the excavation phase of the remedial action plan has been completed and the after-treatment test results indicate the agreed upon cleanup goals have been obtained, and the site received a conditional closure (Appendix 7).

- On January 26, 1995, the County of Los Angeles Fire Department completed the review of the Closure Report for the Excavation and Remediation of Lead Contaminated Soils at Arco Battery Manufacturing and a closure addendum submitted by Ancon Marine. The Department has no further requirement or restriction relating to this site at this time, and issued a final closure letter (Appendix 7).

- On July 17, 2008, the County of Los Angeles Fire Department completed the review of the following reports: "Soil Remediation Report, Former Arco Battery Site, 319-327 North

Harbor Boulevard, San Pedro, CA" and Addendum to Report, 327 North Harbor Boulevard, San Pedro, CA. Based on the information provided, the Department has no further requirement or restriction relating to this site at this time, and issued a closure letter (Appendix 7).

Current RECs Study: According to the available permits, the subject site is currently vacant and void of all structures; however, the last usage before the demolition was a battery manufacturing warehouse facility. Based on current RECs study using Regulatory Agencies' Permits associated with Hazardous Materials, EPC concluded that the current operations at the property did not result in a recognized environmental condition as following reasons:

a. No current permit records related with hazardous materials, UST operation, or LUST were found in the SWRCB and SCAQMD.
b. No current permit records of service stations and dry cleaners were found in the Los Angeles City Dept. of Building and Safety.
c. No petroleum hydrocarbon contained chemicals or wastes were observed at the subject site. The subject site is **not** likely to contain vapor intrusion.
d. Closure letters from the County of Los Angeles Fire Department on August 1992, January 1995, and July 2008 (refer to Historical RECs for further analysis).

Controlled RECs Study: Controlled REC was not found at the subject site.

Lien Search:

- No environmental liens were found in the Preliminary Title Report.

Immediate Adjacent Neighboring Properties

- EPC *did not* reveal evidences of human harmful activity or *significant* pollutant emission to pose immediate environmental concern into the subject site from the **neighboring properties** during this environmental assessment.

Environmental Data Research Results

In order to determine reported areas of possible environmental impairment on or within a 1-mile radius of the site, an environmental disclosure report was obtained from database. Environmental effects from the neighboring sites are evaluated at minimal risk level in accordance with the reported remedial actions, distance between the subject site and reference sites, and limited contamination of the reference sites. Thus, government agencies' listings of the subject site vicinity area are not expected to represent a significant environmental concern on the subject site.

- According to the ERS Reccheck Report, 8 neighboring properties within a 1-mile radius of the subject site was listed on the High Risk Occurrences Database; however, due to the ongoing remediation or relative distance, the sites are not likely to have a significant environmental impact at the subject site (for further analysis refer to Section 6).

- The subject site was listed on the following databases: *Air-Dist-CA, FRS-US, Hist-CalFID-CA, Hist-FINDS-US, Hist-Vehicle-Parts, HWIS-CA and RCRA-SQG-US* (Appendix 8).

Data Gaps

- As of this assessment, EPC has yet to receive a response from the Los Angeles Fire Department regarding underground storage tank records for the subject site. If records received indicate any changes to the conclusion of this assessment, the responsible party will be notified.

Valuation Reduction

- Reasons for Significantly Lower Purchase Price: The property price is at current market value. No significant price drop was found due to **environmental reasons.**

8. LIMITATION & EXCEPTION

The report is the property of the Client for whom it was prepared. Its distribution to others is at client's discretion. To the best of our professional ability, EPC warrants that users of the report may rely upon it as on accurate reflection of the environmental condition of the property at the time it was evaluated: The results rendered are options based upon information obtained within records of Environmental Regulatory Agencies (ERS's database), owner/user interview, and visual inspection.

This Phase I report should not be regarded as a guarantee that further hazardous waste/material contamination and spill, leaking of those material. In the future, if suspected some hazardous wastes/materials contamination is encountered during any construction activities, Environmental Site Investigation may be required.

No part of this report may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, or otherwise, without the prior written permission of the EPC.

- **Non-CERCLA considerations are beyond the contracted scope of this assessment**: Non-CERCLA considerations may include the following: asbestos-containing materials (ACMs), PCB-containing materials, lead-based paint, lead in drinking water, urea formaldehyde, wetlands identification, mold inspections, air quality inspections, or flood zone applicability.

- Special Contractual Conditions between users (i.e., the client, the current or previous tenant, the property buyer, and the property seller) and environmental professional (EPC): EPC is an independent consulting firm with no interest in the subject site at the subject site. EPC has no special contractual conditions.

Reference:

All Appropriate Inquiries Rule (AAI), 40 CFR Parts 312

Aerial Photographs provided by U.S. Dept of Interior Geological Survey

ASTM E-1527-13

City of Los Angeles Department of Building & Safety

ERS City Directory Research

ERS Hybrid Fire Insurance Maps

ERS Report for Environmental Related Government Agencies' Records

Radon Estimates: U.S. Department of Interior, Geological Survey in 1994

Previous Report:
Soil Remediation Report by JHD Services – Environmental & Construction Services, dated 05/12/2008.

Hydrogeology Information:

- South Coast Hydrologic Region California's Groundwater Coastal Plain of Los Angeles Groundwater Basin Bulletin 118
- California Department of Water Resources (DWR), 1961, Planned Utilization of the Ground Water Basins of the LA County, Bulletin No. 104 - Southern District. 1999. Watermaster Service in the West Coast Basin, Los Angeles County, July 1, 1998 – June 30, 1999. 84 p
- Former San Pedro Shell at 406 Gaffey Street, San Pedro CA, Global ID T0603717723 (Geo Tracker)

Glossary of Abbreviations

AAI	All Appropriate Inquiries Rule (40 CFR Section 312.21-Results of Inquiry by an Environmental Professional and 312.31-Standards and Practices)
AAS	Atomic Absorption Spectroscopy
AST	Aboveground Storage Tank
ASTM	American Society for Testing and Materials
AQMD	Air Quality management District
AWP	Annual Work Plan
BAAQMD	Bay Area Air Quality Management District
bgs	below ground surface level
BOD	Biological Oxygen Demand
CAM 17 Metals	Naturally existed 17 species heavy metals in Southern California soils: March 1996 findings of the Kearney Foundation for Southern California Soils.
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CHHSL	California Human Health Screen Level
COD	Chemical Oxygen Demand
CREC	Controlled Recognized Environmental Condition 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.
CUPA	Certified Unified Program Agency
DHS	Department of Health Services (California)
DOT	Department of Transportation
DTSC	Department of Toxic Substances Control
ESA	Environmental Site Assessment
EPA	U.S or State Environmental Protection Agency
HMIRS	Hazardous Material Incident System
HREC	Historical Recognized Environmental Condition (HREC) 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.
LACDPW	Los Angeles County Public Works
LACDFD	Los Angeles County Fire Department
LCRS	stands for "Leachate Collection & Removal System"
MSL	mean sea level
NFA	No Further Action
NPL	National Priorities List
OCHCA	Orange County Health Care Agency
OSHA	Occupational Safety and Health Administration
PCB	Polychlorinated Biphenyl
PCE	Perchloroethlene
PEARL	Preliminary Environmental Assessment Required-low/medium/high
PEL	Permissible Exposure Level
PID	Photoionization Detector
POTW	Publicly Owned Treatment Works
PRP	Potential Responsible Party
RCRA	Rescues Conservation Recovery Act (1976 Amendments to Solid Waste Disposal Act)
RCDEH	Riverside County Department of Environmental Health
REC	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.

RI/FS	Remedial Investigation/Feasibility Study
RWQCB	Regional Water Quality Control Board
SARA	Superfund Amendments and Reauthorization Act (1986)
MDAQMD	Mojave Desert Air Quality Management District
SCCDEH	Santa Clara County Department of Environmental Health
SJCEHD	San Joaquin County Environmental Health Department
SS	Suspended Solid
SS	Site Survey or Screening
SSL	Soil Screening Level (LA-RWQCB)
SWAT	Solid Waste Assessment Test Program (groundwater monitoring of sanitary landfills)
SWDA	Solid Waste Disposal Act
SWRCB	State Water Resources Control Board
TCE	Trichloroethane
TSCA	Toxic Substances Control Act
TSDF	Treatment, Storage, Disposal Facility
TTLC	Total Threshold Limit Concentration
UDC	under-dispenser containment
UST	Underground Storage Tank
MCL	the Maximum Contaminant Level or enforceable drinking water standard
RP	Responsible Party
RPHL	the Recommended Public Health Level

VOC Volatile Organic Compounds
BTEX: benzene, toluene, Ethylbenzene, & Xylene
MTBE: methyl tertiary-butyl ether DIPE: di-isopropyl ether
TAME: tertiary-amyl methyl ether ETBE: ethyl-tertiary butyl ether
TBA: tertiary-butyl alcohol

HVOC Halogenated Volatile Organic Compounds (Dichlorodifluoromethane, Chloromethane, Vinyl Chloride, Bromomethane, Chlorobenzene, 1,1,2-Trichloroethane, and etc.)

Material Threat ASTM guidance defines "**material threat**" as "a physically observable or obvious threat, which is reasonably likely to lead to a release that, in the opinion of the environmental professional, is threatening and might result in impact to public health or the environment." It is not sufficient to establish a site feature as a "recognized environmental condition" just because it exists. In order to establish a site feature as a "recognized environmental condition," there "must be compelling evidence that either 1) the hazardous substance or petroleum product was released from its container or **operation onto (or into) the surface** or 2) by virtue of the condition of the container or state of the operation that stores or handles such products, there is reasonable concern in the foreseeable future that such materials will be released to the surface of the property" (New and Improved Site Assessment Standard, Revisions to the ASTM Phase I Standards Represent Significant Interpretive Changes for Both Users and Environmental Professionals, ASTM Standardization News Insight, March 2001

Low Threat Closure Policy

On May 1, 2012, the California State Water Resources Control Board (SWRCB) adopted the California Low Threat Underground Storage Tank Case Closure Policy (Low Threat Policy) and became effective on August 17, 2012. The purpose of the policy is to establish statewide consistent case closure criteria for low-threat petroleum underground storage tank (UST) sites. In the first paragraph of the section titled Criteria for Low-Threat Case Closure, the document states: In the absence of unique attributes of a case or site-specific conditions that demonstrably increase the risk associated with residual petroleum constituents, cases that meet the general and media-specific criteria described in this policy pose a low threat to human health, safety or the environment and are appropriate for closure pursuant to Health and Safety Code section 25296.10. Cases that meet the criteria in this policy do not require further corrective action and shall be issued a uniform closure letter consistent with Health and Safety Code Section 25296.10.

Company Information

Name: *Jeff Lee*

Title: President of EPC

Education:

* M.S. 1988 Environmental Engineering	Kon-Kuk University of Korea
* B.S. 1986 Environmental Engineering	Kon-Kuk University of Korea
* Hazardous Material Management Certificate	UC Irvine

Affiliation:

- Lab Technologist Grade-II California Water Pollution Control Association Certificate Number 263
- Hazardous Substance Removal License (Haz 776425)
- General Engineering License (A 776425)
- Electrical Contractor License (C-10 776425)
- Registered Environmental Property Assessor (REPA 403790)

Professional Experiences:

While majoring in Environmental Engineering for his Bachelor's and Master's degrees, Mr. Lee has studied great deal in Environmental Site Assessment (ESA), Transaction Screen Assessment (TSA), Site Investigation (Phase II), and soil/groundwater treatment (Phase III) to meet ASTM and environmental government agencies' requirements. Also familiarizes with hazardous material and toxic chemical rules and regulations required by U.S Federal and California State governments. Mr. Jeff Lee has provided environmental site assessments and consulting services to banks and individual clients since 1986.

- Rapid Transit District (RTD) Vernon facility, Vernon, California: Worked for Modification of Existing Underground storage tank (UST).

- Film Recycle Facility, Los Angeles, California: Engaged in Site Assessment and Groundwater Monitoring Well Installations.

- Former Station, Pasadena, 8620 S. Normandie Ave., LA, California; Engaged in Site Assessment and Vapor Extraction Well Installations with Volatile Organic Compound (VOC) Control Thermal Unit.

- Western Environmental Engineering Co, Santa Ana, California: Designed and installed Vapor control/Degassing Engine Unit and Air Monitoring Mobile Laboratory.

- Huge Air Craft, Sherman Oaks, California: Worked for research and laboratory Q/A, Q/C; engaged in groundwater monitoring and estimated radioactivity project.

- Familiar with various types of rotary kilns, fluidized-bed combustors, and moving-grate boilers that can burn organic wastes and contaminated soils.

- Worked for research and laboratory organizations; Engaged in setting up waste-water and air pollutant analyzers and instruments and in preparing necessary protocol procedures for sampling and testing.

- Performed a great deal of lab tests for air pollution and waste water treatments and accumulated a large number of experiences in soil and groundwater sampling, EPA testing, site cleanup and remediation products, contaminated soil excavation and disposal.

- Crenshaw Transmission Shop - Los Angeles California: Prepared a plan to close report on the site assessment and contaminated soil remediation by elevated concentrations of PCB and Semi volatile Organic Compounds.

- National Institute of Environmental Research-Seoul Korea; As a Research engineer for the Air Pollution Engineering Division responsibilities included sampling and analyzing stationary sources, and designed incinerator and air pollution control system.

RESEARCH PAPERS

- 1988 - "The Technical Development of Waste Derived Fuel and Air Pollution Control for Combustible Industrial Waste" for The National (KOREA) Institute of Environmental Research's project.

- 1987 -"A Study on The Formation Mechanism of Particulate and Gaseous Nitrate in Seoul Atmosphere" for Master of Science Degree.

- May 1995 ~ August 1997 – Environmental Column in Journal of Gas Station

National Registry of Environmental Professionals

CERTIFIED

Jeff Lee REPA 403790
Registered Environmental Property Assessor

The Person Named Above is
Qualified as Defined by the NREP

Richard A. Young
Executive Director

First Certified: 03/15/2013

03/15/2018
Expiration Date

Appendix 1

ENVIRONMENTAL RECORD SEARCH

"The Intelligent Choice"

Topographic Map Research

REPORT RESULTS

Report Results for:

Jeff Lee
Environ Phase Consulting Co.
5169 W. Washington Blvd.
Los Angeles, CA 90016
2104678400 TO
December 20, 2016

Site Information:

332 North Beacon Street
327 North Harbor Boulevard;332 North Beacon Street
Los Angeles, CA 90731

ENVIRONMENTAL RECORD SEARCH

Subject Site:

Client's Project #:
Address: **327 North Harbor Boulevard;332 North Beacon Street**
City, State Zip: **Los Angeles, CA 90731**

ERS Order #:

2104678400 TO

Prepared For:

Name: **Jeff Lee**
Company: **Environ Phase Consulting Co.**
Address: **5169 W. Washington Blvd.**
City, State Zip: **Los Angeles, CA 90016**

Date:

December 20, 2016

Enclosed are the results of our…..

Topographic Map Research.

Thank you for selecting ***Environmental Record Search***!

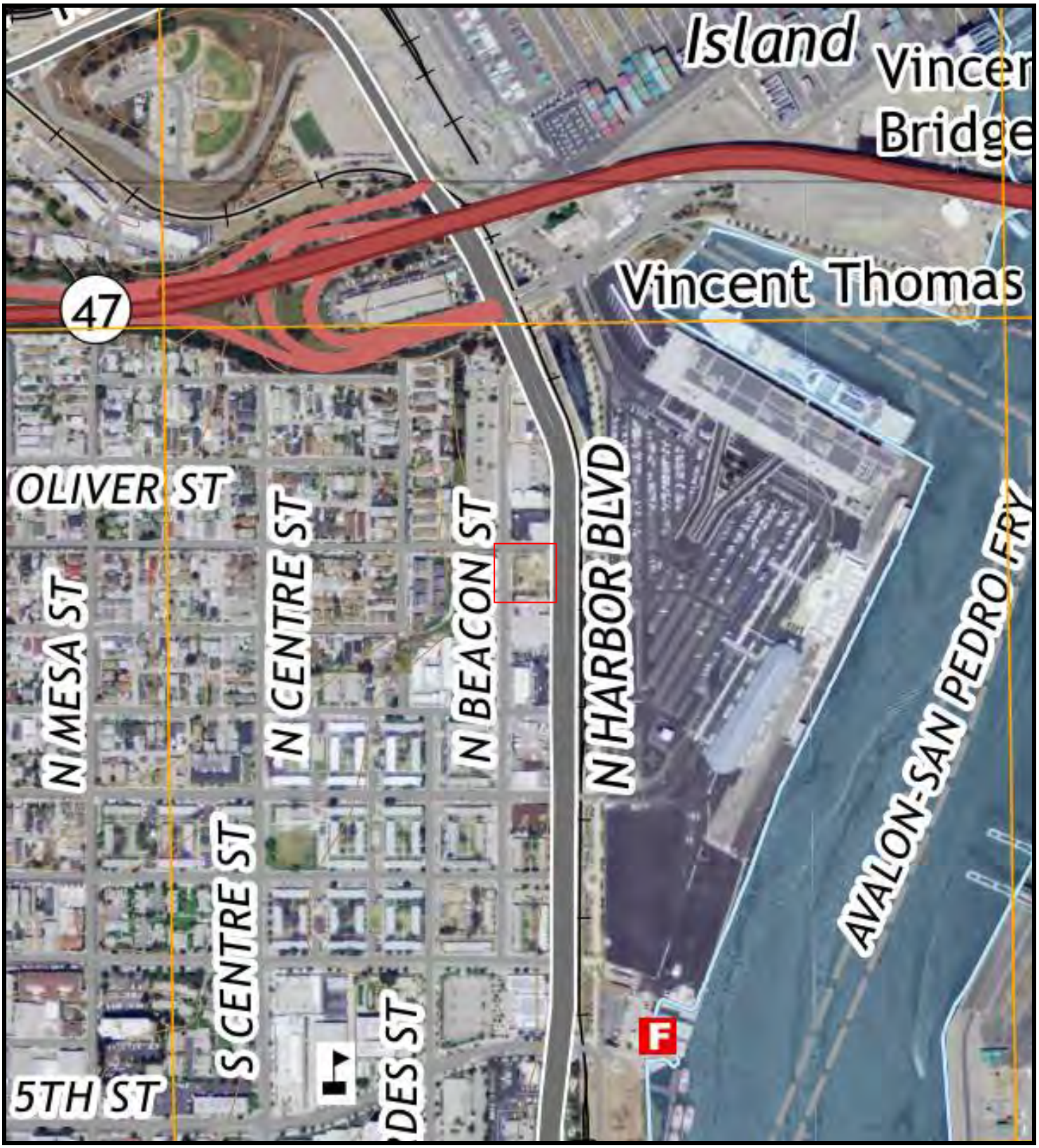
To aid you in locating your site on the imagery provided, we have placed a box over/surrounding your site.

Note: *This box is not representative of your site's boundaries. It is simply a tool to assist you with the location of your site within the image. The box has been placed in the same location on each image to help you locate your site easily from year to year. If you have any problems locating your site, please call us. We are here to help.*

This report includes the following USGS Topographic Map Series:

Quadrangle Name	Series	Original Scale	Contour Interval (ft)	Years
San Pedro(S)/Torrance(N)	7.5 Minute	1:24,000	20', 25'	2015, 1982, 1975, 1965/66, 1953
Wilmington	7.5 Minute	1:24,000	5'	1931, 1923
San Pedro	15 Minute	1:62,500	25'	1944, 1917

All terms, conditions, and limitations normally associated with work contracted by **ERS** and presented or associated with aerial photography are in effect at all times. This letter summary, all its information, and content have been derived from and rely upon the reviewed aerial photographs. **ERS's** research has only been based on these images; **ERS** did not perform any type of independent investigation of any type, including as to the accuracy and/or completeness of the information derived or otherwise obtained from the secondary source or sources.



Historical Topographic Map

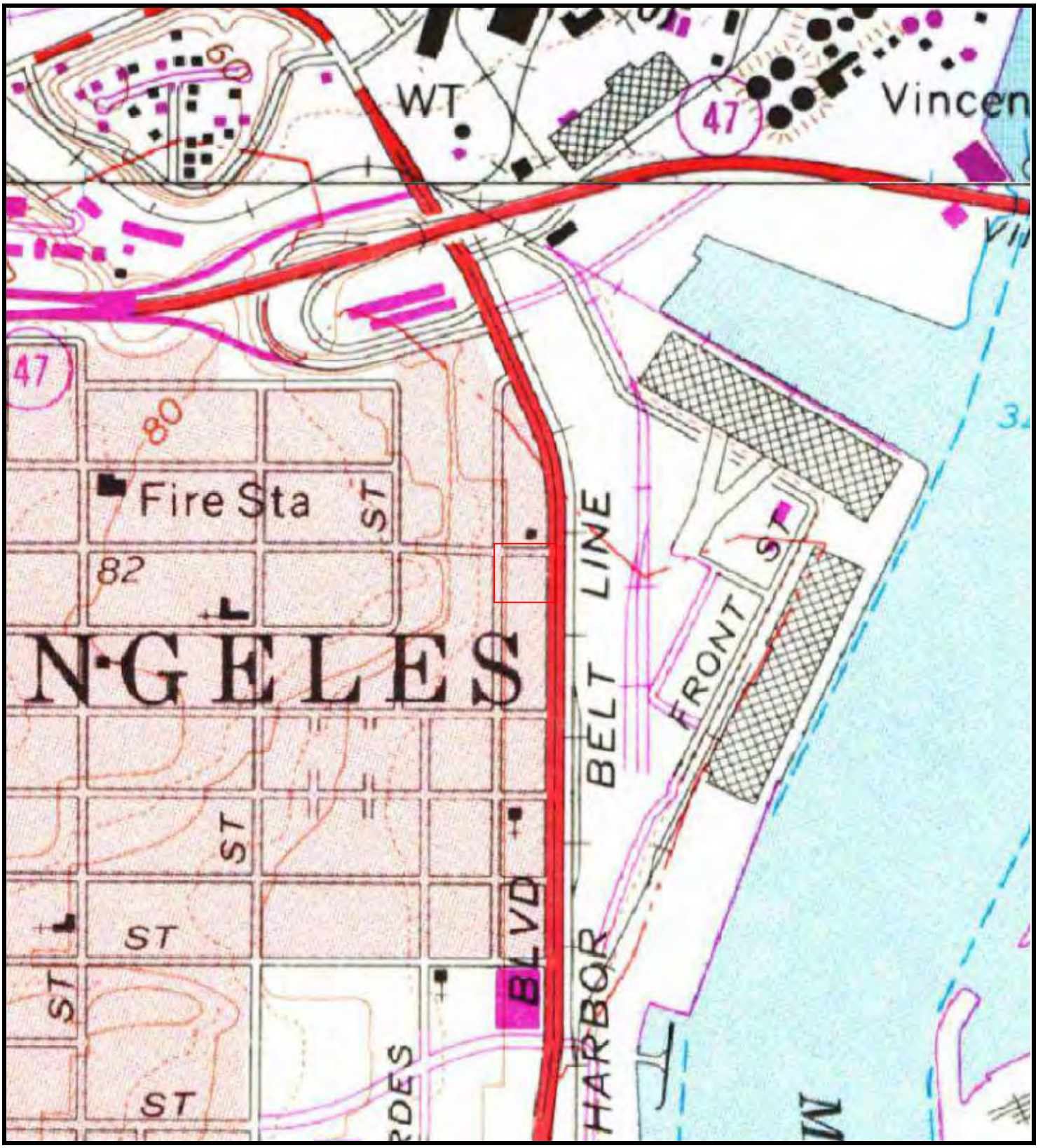
2015

327 North Harbor Boulevard; 332 North Beacon Street
Los Angeles, CA

Target Site: 33.745766, -118.280056 Job #: 2104678400

N
W E
S

1 inch equals 500 feet



Historical Topographic Map

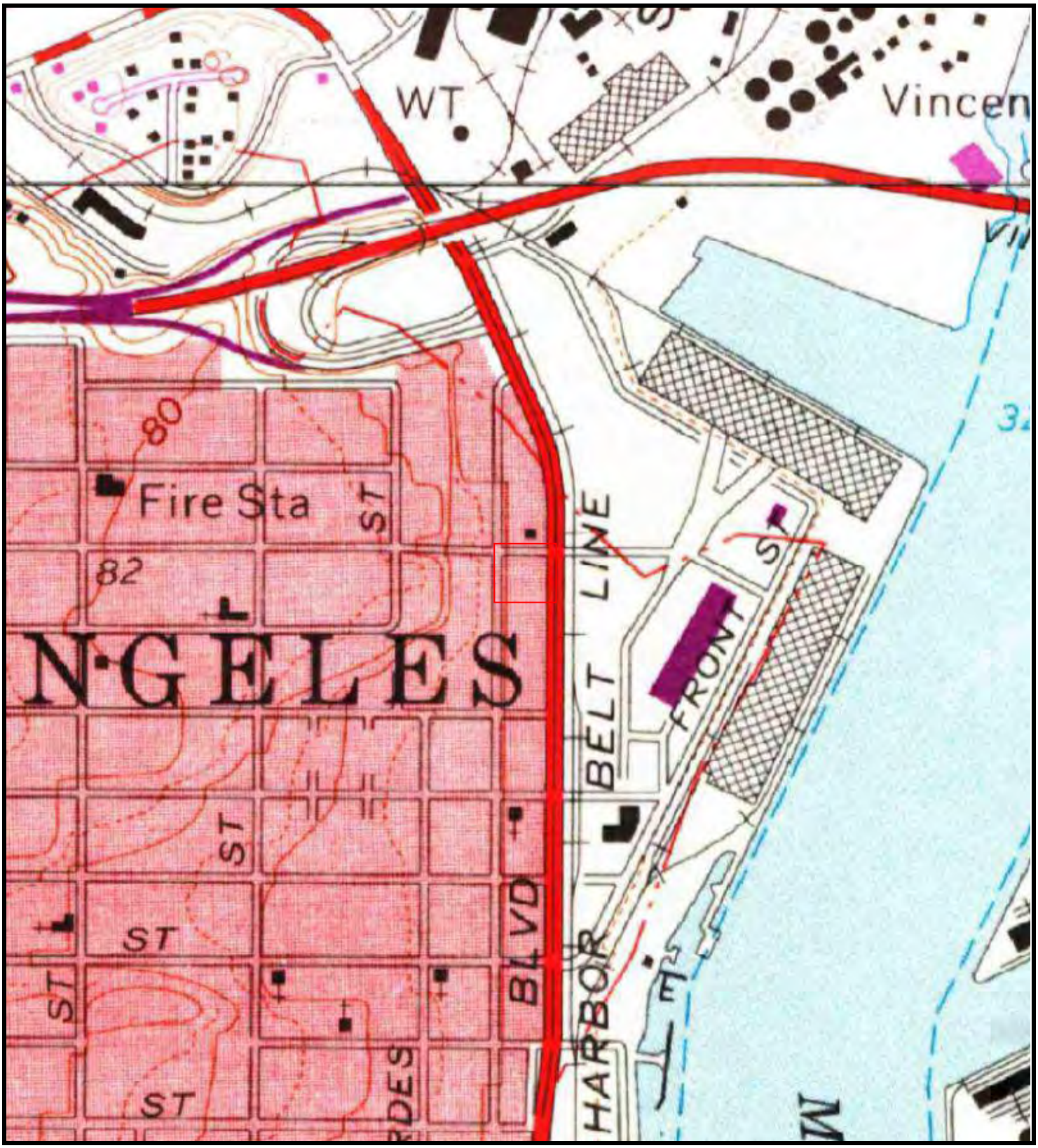
1982

327 North Harbor Boulevard; 332 North Beacon Street
Los Angeles, CA

Target Site: 33.745766, -118.280056 Job #: 2104678400

N
W E
S

1 inch equals 500 feet



Historical Topographic Map

1975

327 North Harbor Boulevard; 332 North Beacon Street
Los Angeles, CA

Target Site: 33.745766, -118.280056 Job #: 2104678400

N
W E
S

1 inch equals 500 feet

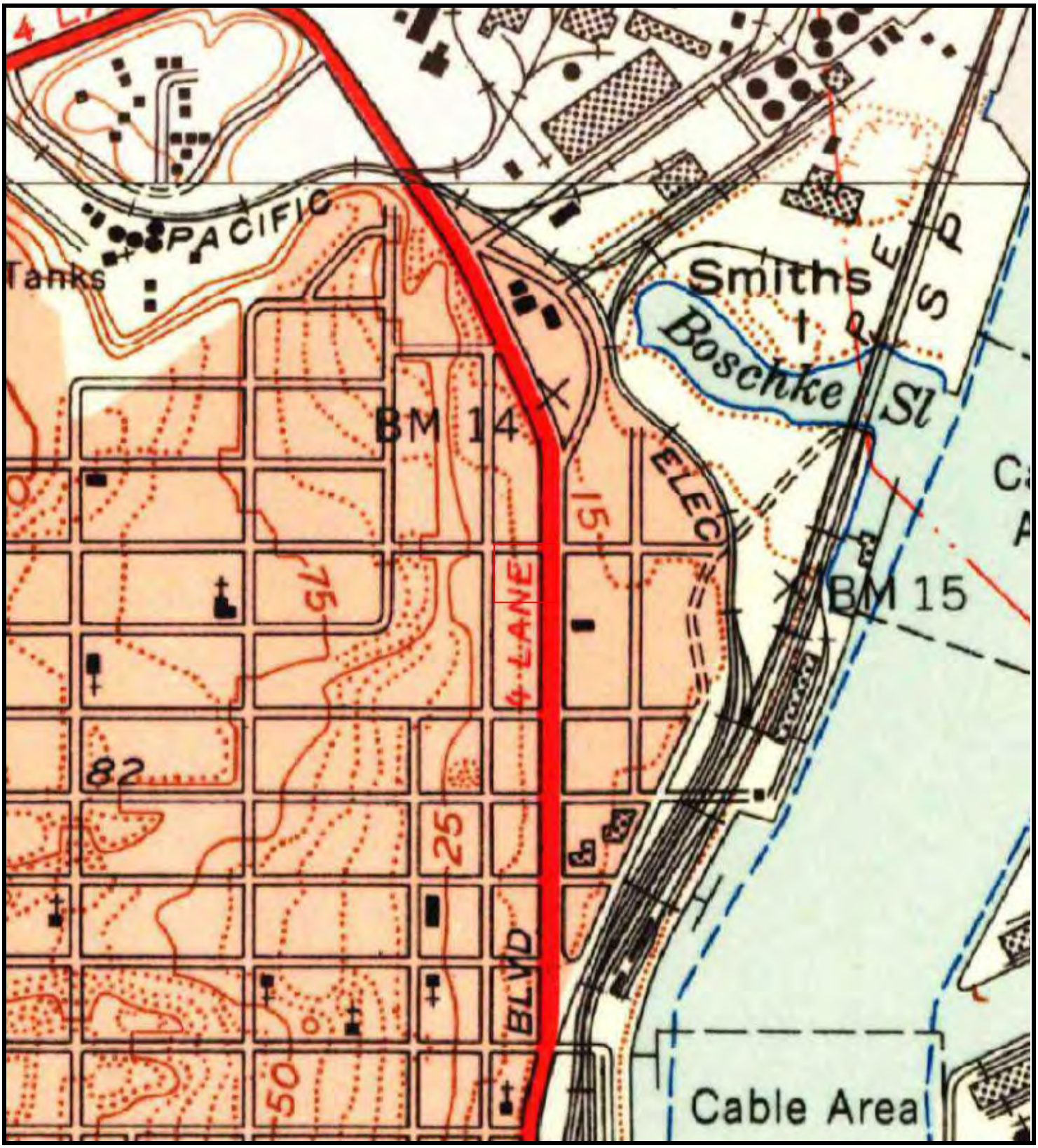
Historical Topographic Map
1965(S)/66(N)

327 North Harbor Boulevard; 332 North Beacon Street
Los Angeles, CA

Target Site: 33.745766, -118.280056 Job #: 2104678400

N
W E
S

1 inch equals 500 feet



Historical Topographic Map
1953

327 North Harbor Boulevard; 332 North Beacon Street
Los Angeles, CA

Target Site: 33.745766, -118.280056 Job #: 2104678400

N
W E
S

1 inch equals 500 feet

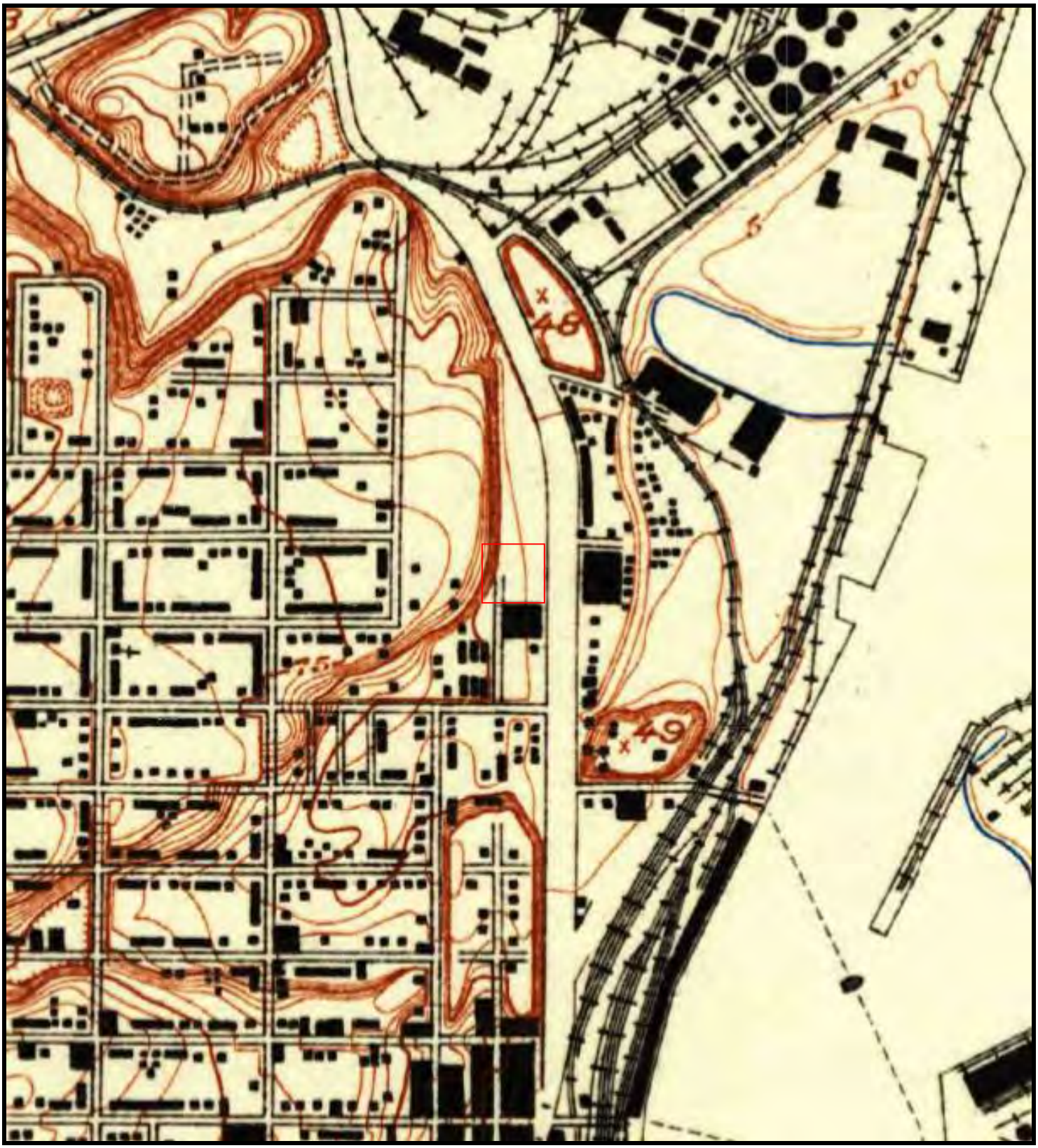
Historical Topographic Map
1944

327 North Harbor Boulevard; 332 North Beacon Street
Los Angeles, CA

Target Site: 33.745766, -118.280056 Job #: 2104678400

N
W E
S

1 inch equals 500 feet



Historical Topographic Map

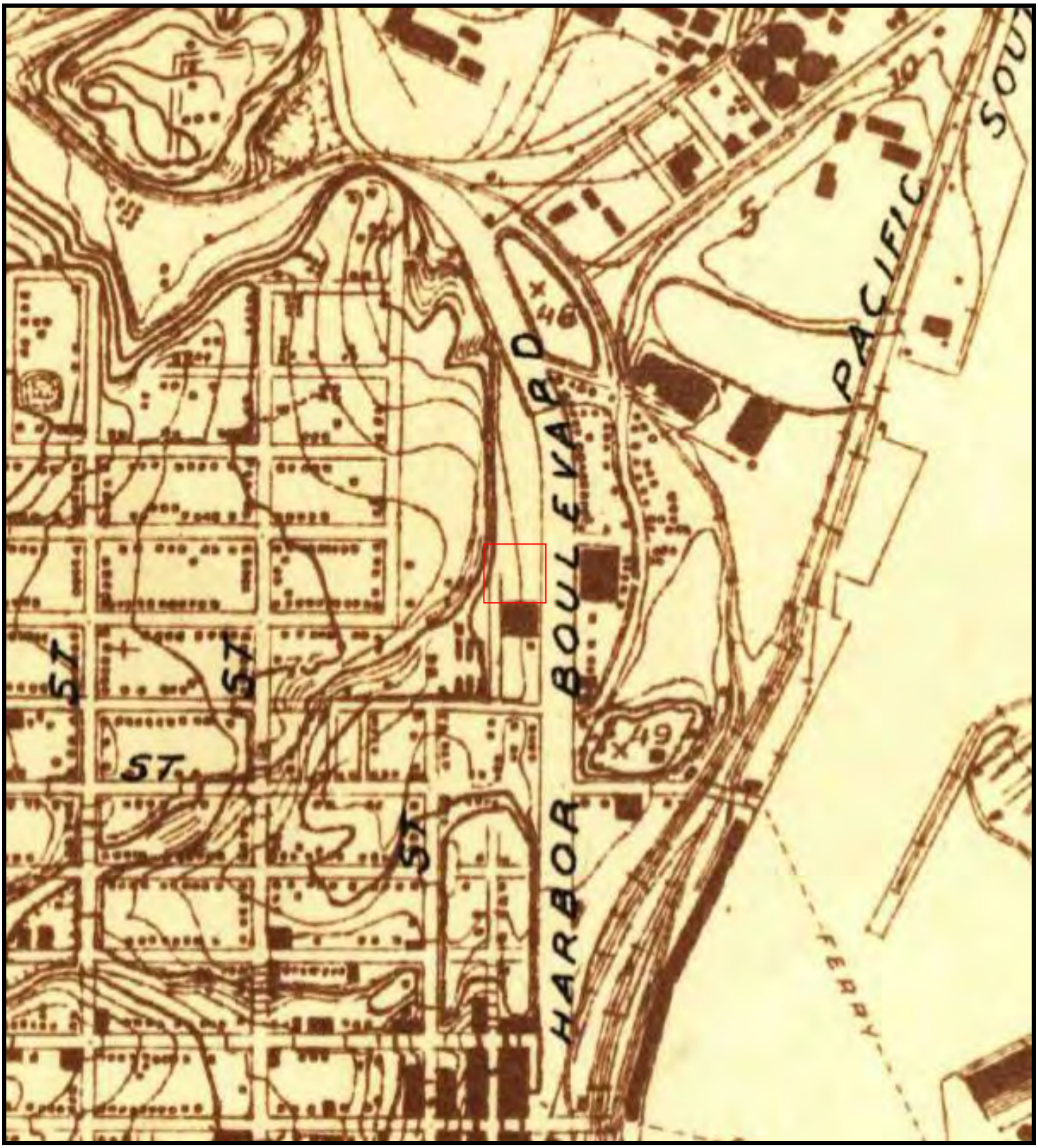
1931

327 North Harbor Boulevard; 332 North Beacon Street
Los Angeles, CA

Target Site: 33.745766, -118.280056 Job #: 2104678400

N
W E
S

1 inch equals 500 feet



Historical Topographic Map

1923

327 North Harbor Boulevard; 332 North Beacon Street
Los Angeles, CA

Target Site: 33.745766, -118.280056 Job #: 2104678400

N
W E
S

1 inch equals 500 feet

Historical Topographic Map
1917

327 North Harbor Boulevard; 332 North Beacon Street
Los Angeles, CA

Target Site: 33.745766, -118.280056 Job #: 2104678400

N
W E
S

1 inch equals 500 feet

Appendix 2

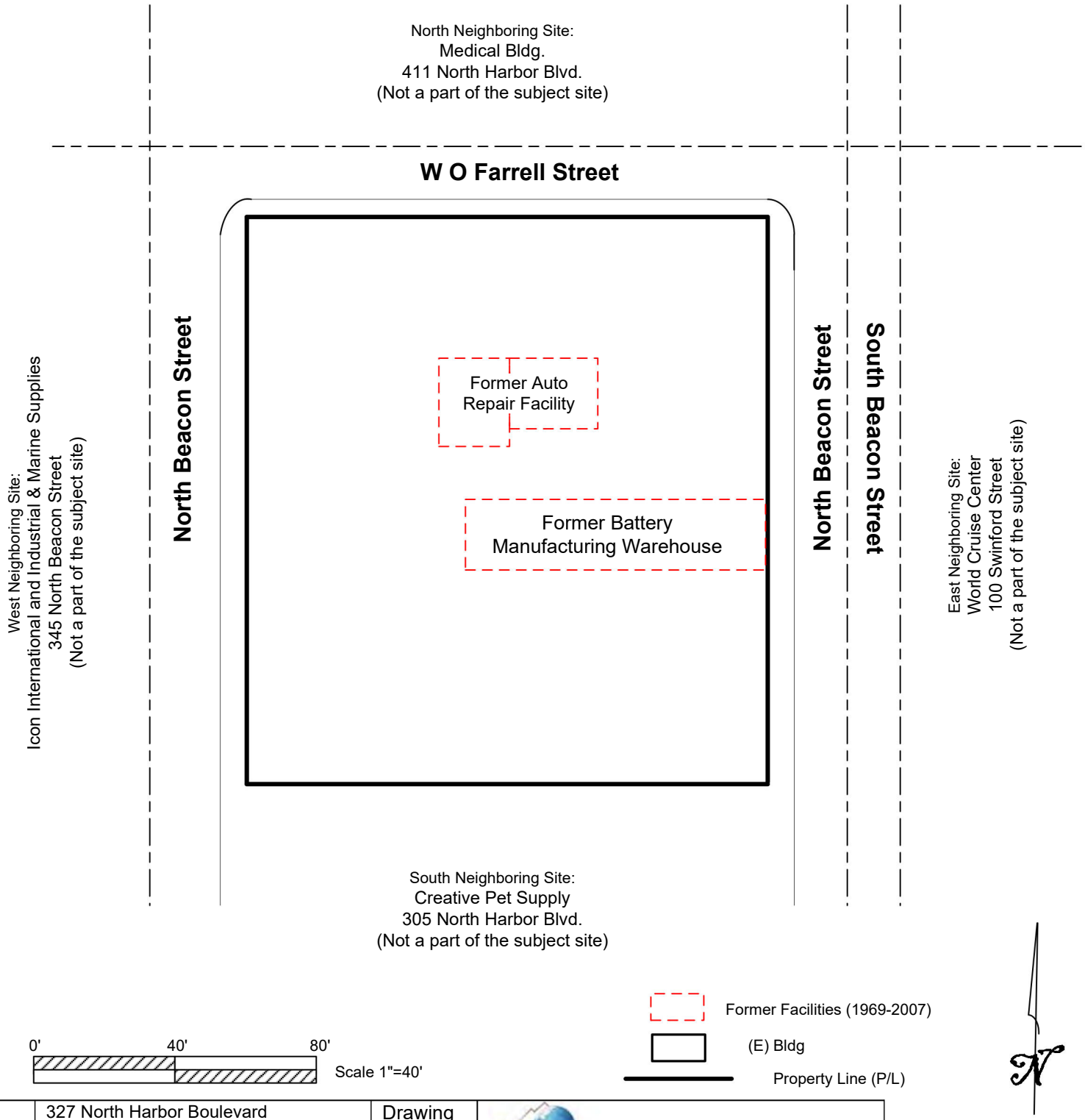


Fig 1	327 North Harbor Boulevard San Pedro, CA 90731	Drawing	EPC Environ Phase Consulting
Date	12/28/2016	JK	5169 W. Washington Blvd., LA, CA 90016

ON SITE

Photo (1) View to west from Harbor Blvd

Photo (2) View to north from southern property border line

Photo (3) View to east from western property border line

APPENDIX 2 PHOTOS	Subject Site: 327 N. Harbor Blvd San Pedro CA Date: 12/28/2016	EPC Environ Phase Consulting 5169 W. Washington Blvd., LA, CA 90016

ON SITE

Photo (4) View of a concrete slab at the northern portion of the site

Photo (5) View of a concrete slab at the eastern portion of the site

Neighboring Properties

Photo (6) View of medical office building adjacent to north across WO Ferrell Street

Photo (7) View to west along Ferrell Street

Photo (8) View to north along Beacon Street: Office buildings are adjacent to west across Beacon Street.

APPENDIX 2 PHOTOS	Subject Site: 327 N. Harbor Blvd San Pedro CA Date: 12/28/2016	EPC Environ Phase Consulting 5169 W. Washington Blvd., LA, CA 90016

Neighboring Properties

Photo (9) View of pet supply adjacent to south

Photo (10) View of Queen Marry Ship adjacent to east across Harbor Blvd

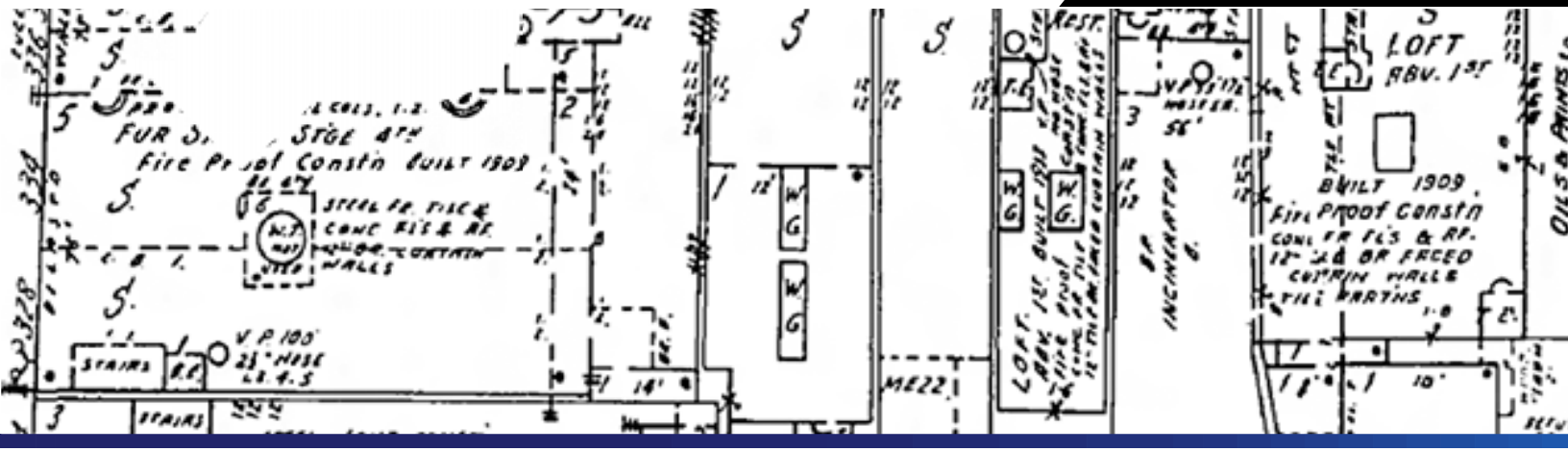
Appendix 3

ENVIRONMENTAL RECORD SEARCH

"The Intelligent Choice"

Hybrid Fire Insurance Map

REPORT RESULTS



Report Results for:

Jeff Lee
Environ Phase Consulting Co.
5169 W. Washington Blvd.
Los Angeles, CA 90016
2104678400 FIM
December 21, 2016

Site Information:

332 North Beacon Street
327 North Harbor Boulevard;332 North Beacon Street
Los Angeles, CA 90731

ENVIRONMENTAL RECORD SEARCH

Subject Site:

Client's Project #:
Address: **327 North Harbor Boulevard;332 North Beacon Street**
City, State Zip: **Los Angeles, CA 90731**

ERS Order #:

2104678400 FIM

Prepared For:

Name: **Jeff Lee**
Company: **Environ Phase Consulting Co.**
Address: **5169 W. Washington Blvd.**
City, State Zip: **Los Angeles, CA 90016**

Date:

December 21, 2016

EXECUTIVE SUMMARY

Years researched covering your site or adjacent sites:

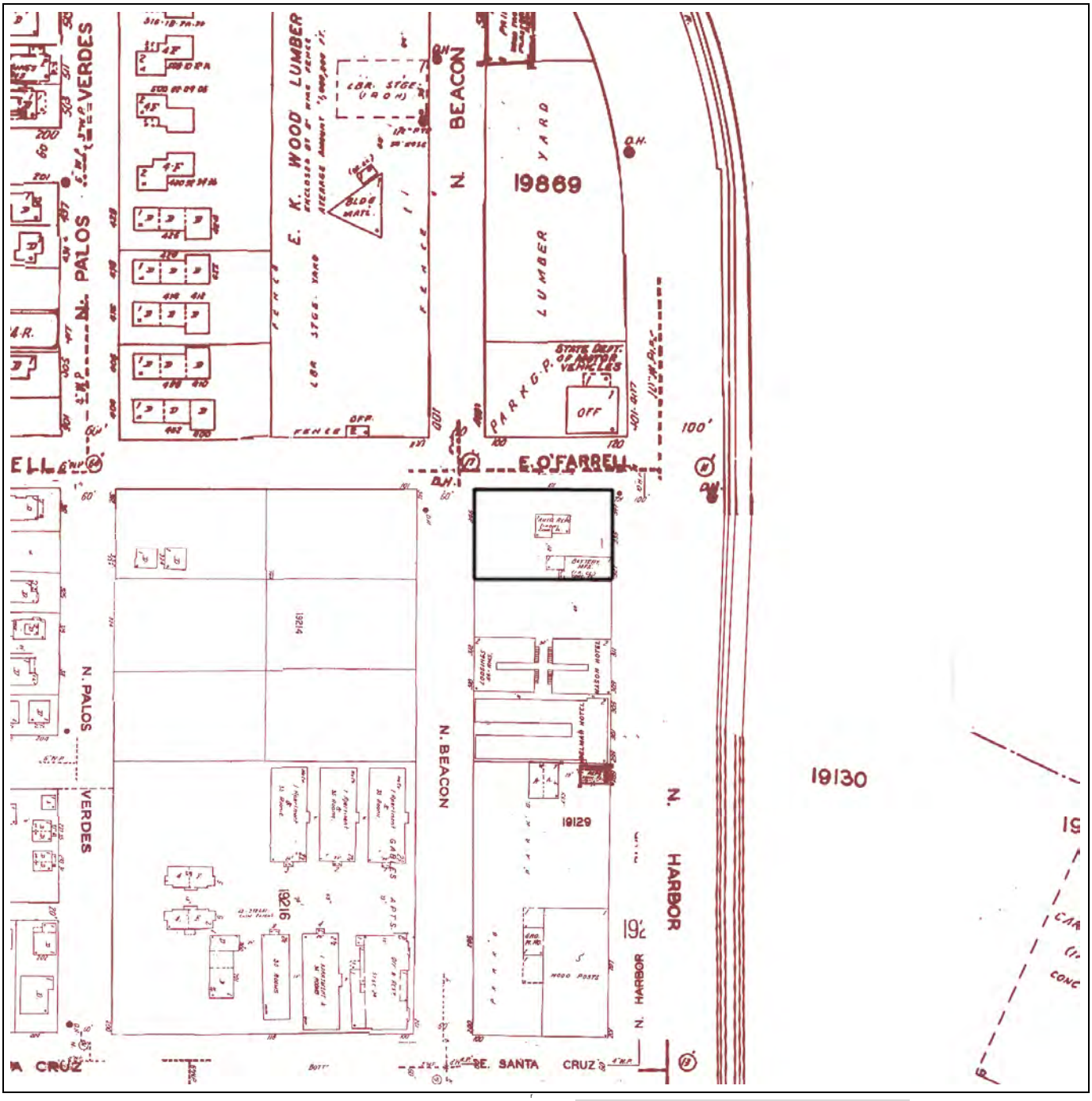
1950	**1951**	**1969**		

Years researched NOT covering your site or adjacent sites:

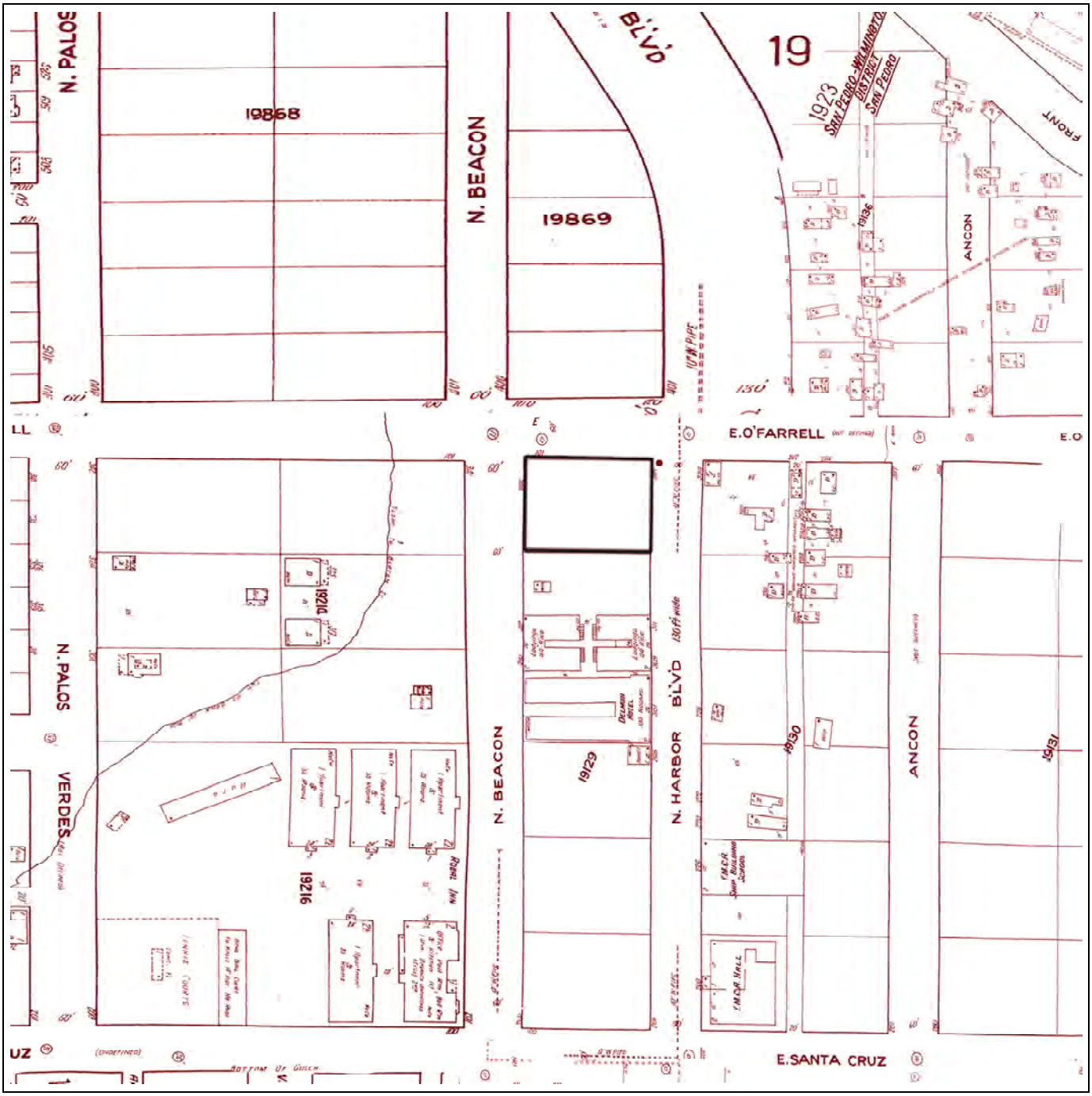
1888	**1900**			

ERS's Hybrid Fire Insurance Map represents a combination of a Fire Insurance Map directly overlaid and imbedded into a current parcel map of the subject property and all nearby and adjacent sites (usually at least a block surrounding the subject property). The Hybrid Fire Insurance Map is a sophisticated tool for Environmental Professionals, thereby saving them time and increasing their accuracy.

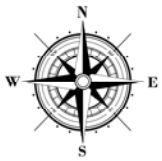
ERS's research has been limited to the facts presented on fire insurance maps only. All terms, conditions, and limitations normally associated with work contracted by ERS and presented or associated with the fire insurance maps are in effect at all times. This Hybrid Map, all its information and content have been derived, reconfigured and reformatted (creating an entirely new map) from and relies upon fire insurance maps originally published by The Sanborn Map Company or other publishers and local agency parcel maps. "Digital Sanborn Maps, 1867-1970" is owned by ProQuest, LLC, licensed from Environmental Data Resources, Inc., and some are protected by copyright and other laws that recognize the rights of copyright holders. ERS's research has only been based on these maps; ERS did not perform any type of independent investigation of any type, including as to the accuracy and/or completeness of the information derived or otherwise obtained from the secondary source or sources including those maps received from the Library of Congress.

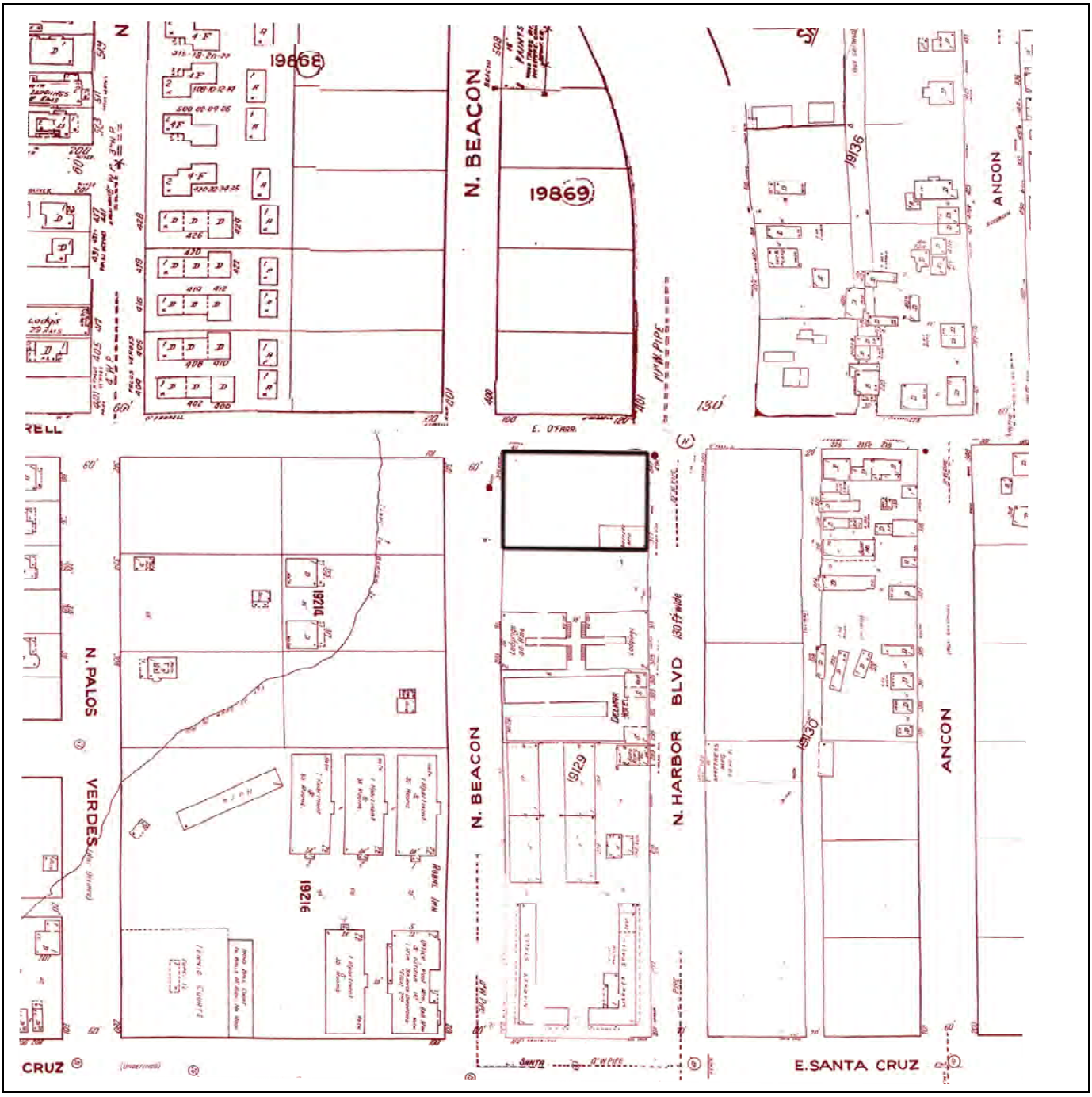


Site:		
327 North Harbor Boulevard;332 North Beacon Street Los Angeles, CA 90731	Year	1969
	Volume	19
	Sheet	1923, 1924, 1925, 1939, 1990



Site:	Year	1950
327 North Harbor Boulevard;332 North Beacon Street Los Angeles, CA 90731	Volume	19
	Sheet	1923, 1924, 1925, 1939, 1990





Site:	Year	1951
327 North Harbor Boulevard;332 North Beacon Street Los Angeles, CA 90731	Volume	19
	Sheet	1923, 1924, 1925, 1939, 1990

ENVIRONMENTAL RECORD SEARCH

"The Intelligent Choice"

Aerial Photograph Research

REPORT RESULTS

Report Results for:

Jeff Lee
Environ Phase Consulting Co.
5169 W. Washington Blvd.
Los Angeles, CA 90016
2104678400 AO
December 20, 2016

Site Information:

332 North Beacon Street
327 North Harbor Boulevard;332 North Beacon Street
Los Angeles, CA 90731

ENVIRONMENTAL RECORD SEARCH

Subject Site:

Client's Project #:
Address: **327 North Harbor Boulevard;332 North Beacon Street**
City, State Zip: **Los Angeles, CA 90731**

ERS Order #:

2104678400 AO

Prepared For:

Name: **Jeff Lee**
Company: **Environ Phase Consulting Co.**
Address: **5169 W. Washington Blvd.**
City, State Zip: **Los Angeles, CA 90016**

Date:

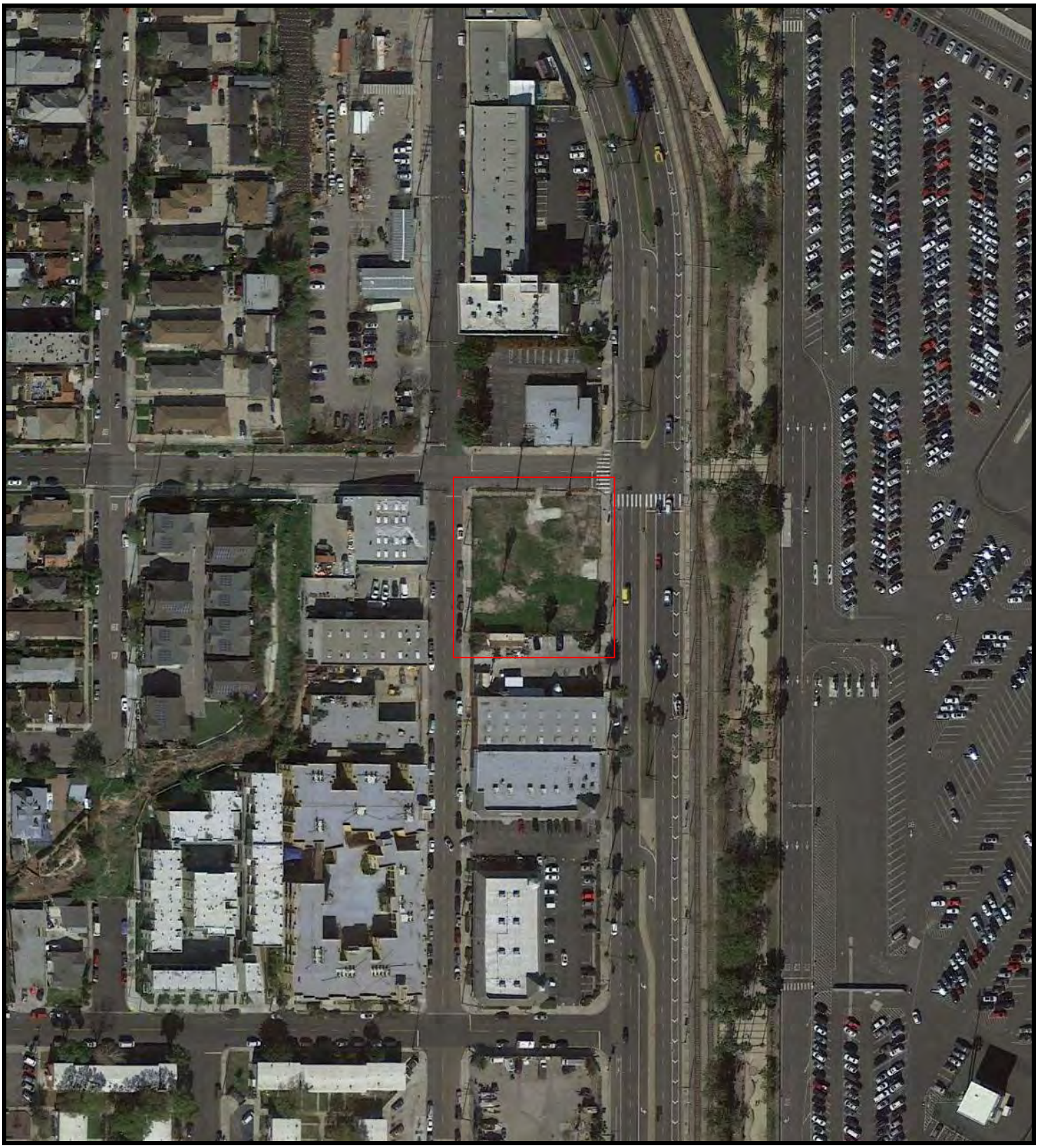
December 20, 2016

Enclosed are the results of our…..

Aerial Photograph Research.

Thank you for selecting ***Environmental Record Search***!

To aid you in locating your site on the imagery provided, we have placed a box over/surrounding your site.
Note: *This box is not representative of your site boundaries. It is simply a tool to assist you with the location of your site within the image. The box has been placed in the same location on each image to help you locate your site easily from year to year. If you have any problems locating your site, please call us. We are here to help.*



Historical Aerial Photo
2016

327 North Harbor Boulevard; 332 North Beacon Street
Los Angeles, CA

Target Site: 33.745766, -118.280056 Job #: 2104678400

N
W E
S

1 inch equals 150 feet

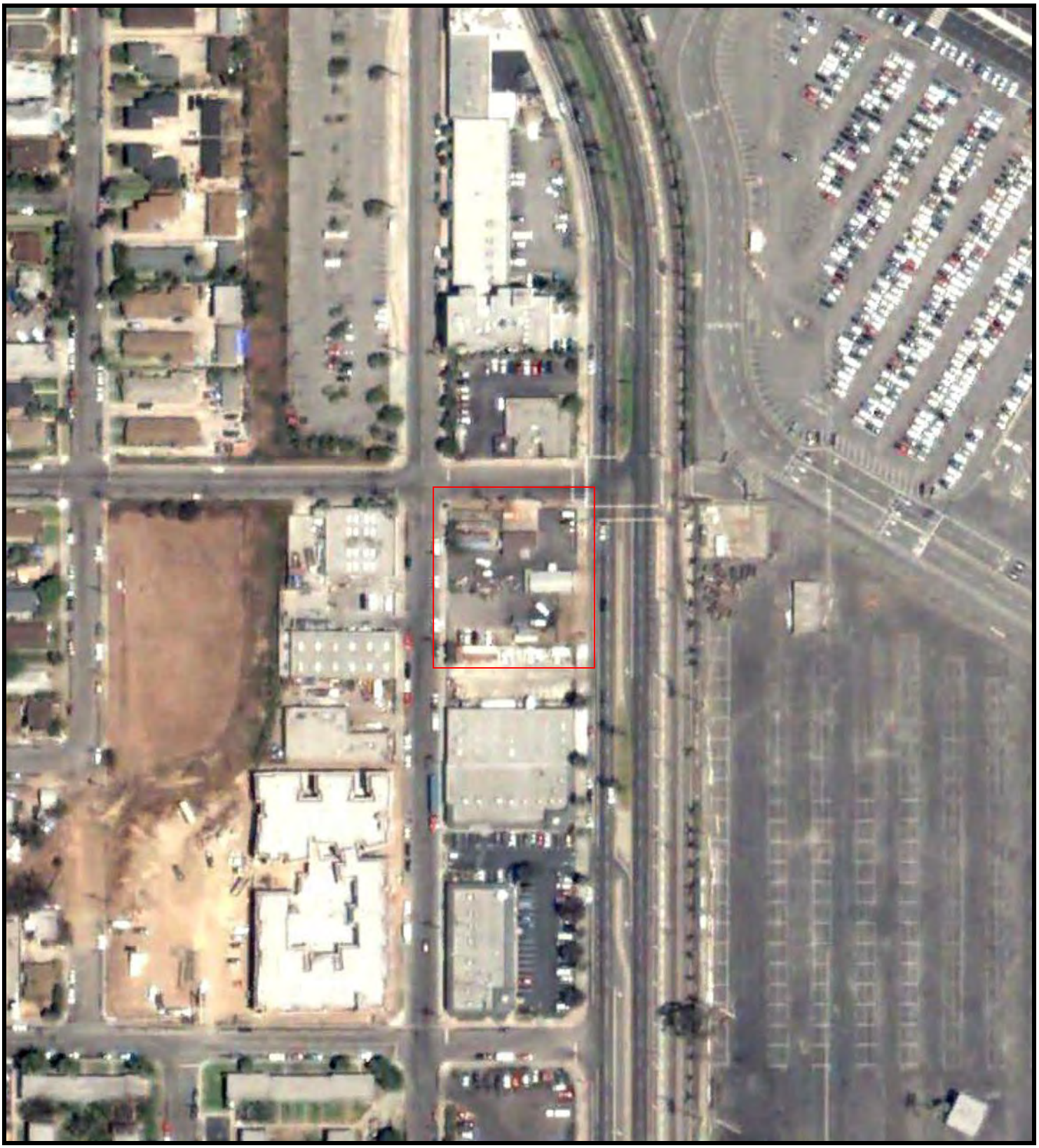
Historical Aerial Photo
2008

327 North Harbor Boulevard; 332 North Beacon Street
Los Angeles, CA

Target Site: 33.745766, -118.280056 Job #: 2104678400

N
W E
S

1 inch equals 150 feet

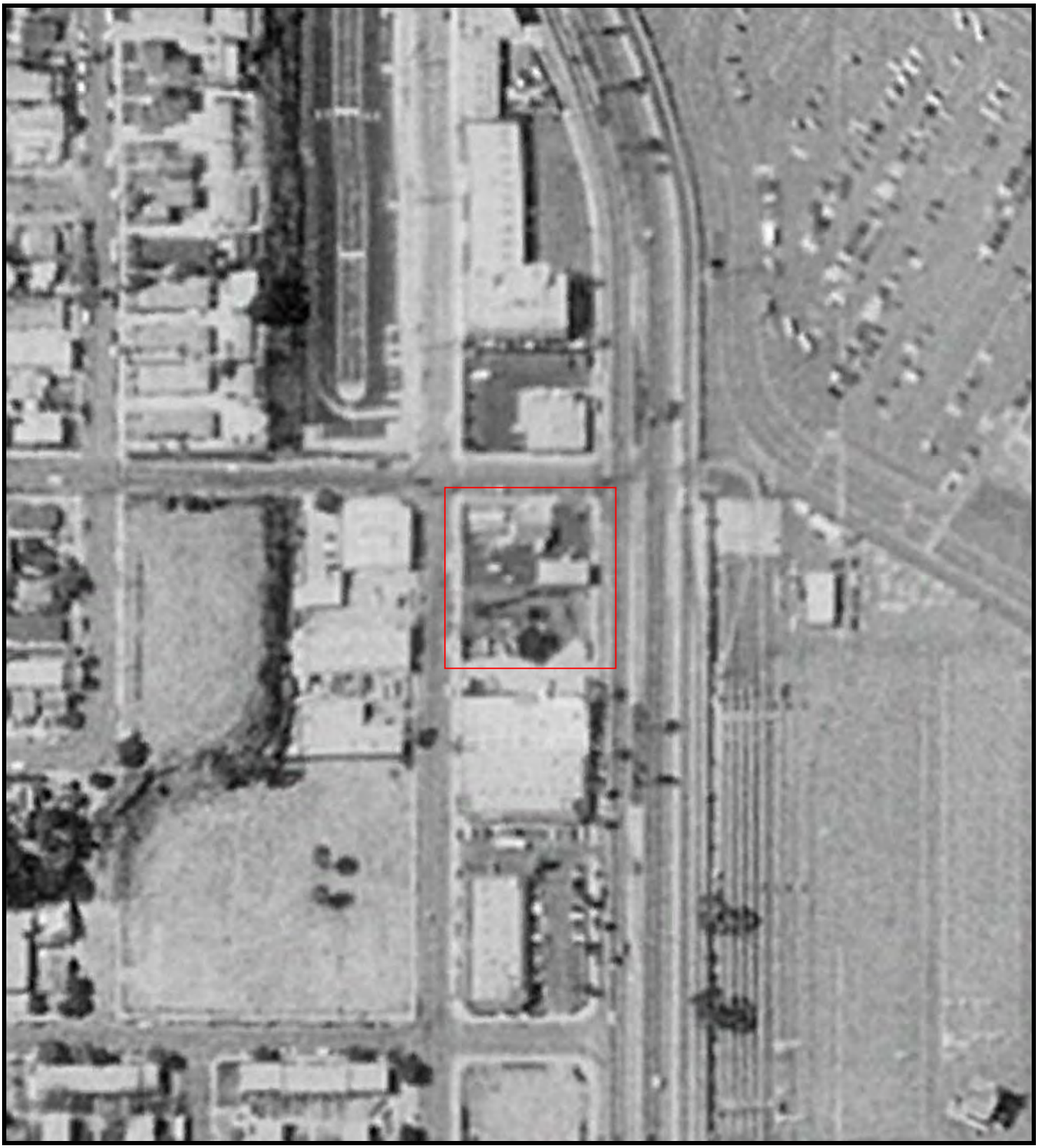


Historical Aerial Photo
2003

327 North Harbor Boulevard; 332 North Beacon Street
Los Angeles, CA

Target Site: 33.745766, -118.280056 Job #: 2104678400

1 inch equals 150 feet



Historical Aerial Photo
1994

327 North Harbor Boulevard; 332 North Beacon Street
Los Angeles, CA

Target Site: 33.745766, -118.280056 Job #: 2104678400

N
W E
S

1 inch equals 150 feet

Historical Aerial Photo
1989

327 North Harbor Boulevard; 332 North Beacon Street
Los Angeles, CA

Target Site: 33.745766, -118.280056 Job #: 2104678400

N
W E
S

1 inch equals 150 feet

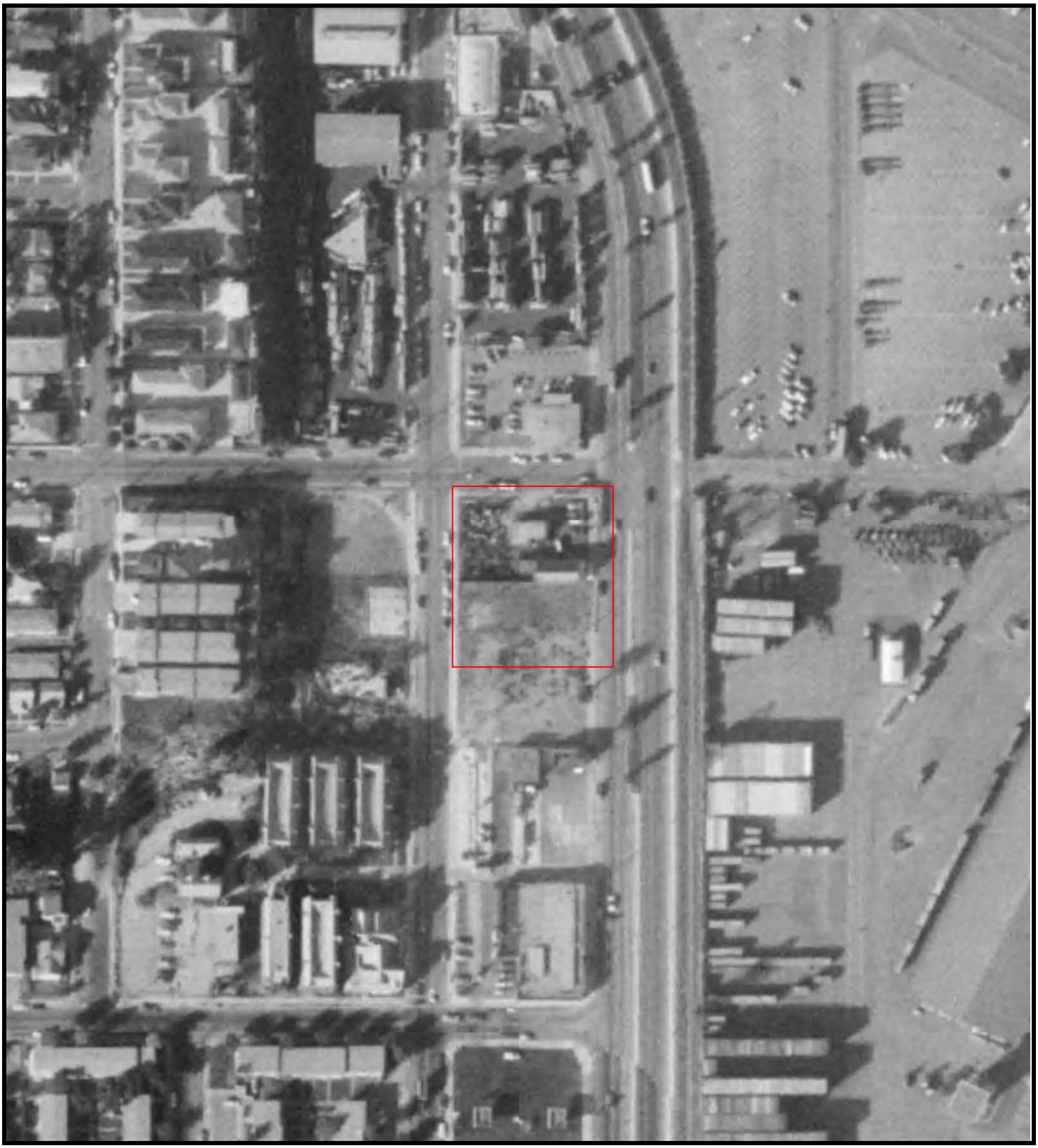
Historical Aerial Photo
1980

327 North Harbor Boulevard; 332 North Beacon Street
Los Angeles, CA

Target Site: 33.745766, -118.280056 Job #: 2104678400

N
W E
S

1 inch equals 150 feet



Historical Aerial Photo
1972

327 North Harbor Boulevard; 332 North Beacon Street
Los Angeles, CA

Target Site: 33.745766, -118.280056 Job #: 2104678400

N
W E
S

1 inch equals 150 feet

Historical Aerial Photo

1963

327 North Harbor Boulevard; 332 North Beacon Street
Los Angeles, CA

Target Site: 33.745766, -118.280056 Job #: 2104678400

N
W E
S

1 inch equals 150 feet

Historical Aerial Photo

1952

327 North Harbor Boulevard; 332 North Beacon Street
Los Angeles, CA

Target Site: 33.745766, -118.280056 Job #: 2104678400

N
W E
S

1 inch equals 150 feet

Appendix 4

ENVIRONMENTAL RECORD SEARCH

"The Intelligent Choice"

City Directory Research

REPORT RESULTS

Report Results for:

Jeff Lee
Environ Phase Consulting Co.
5169 W. Washington Blvd.
Los Angeles, CA 90016
2104678400 CDA
December 23, 2016

Site Information:

332 North Beacon Street
327 North Harbor Boulevard
Los Angeles, CA 90731

ENVIRONMENTAL RECORD SEARCH

Subject Site:

Client's Project #:
Address: **332 North Beacon Street**
327 North Harbor Boulevard
City, State Zip: **Los Angeles, CA 90731**

ERS Order #:
2104678400 CDAL

Prepared For:

Name: **Jeff Lee**
Company: **Environ Phase Consulting Co.**
Address: **5169 W. Washington Blvd.**
City, State Zip: **Los Angeles, CA 90016**

Date:
December 23, 2016

Enclosed are the results of our:

City Directory Research

Thank you for selecting ***Environmental Record Search***!

Included are the findings of our research of the subject site and immediate adjacent sites.

Streets Researched: **North Beacon Street** (Subject)
North Harbor Boulevard (Subject)
West OFarrell Street (Adjacent)

Years researched which did cover your site or adjacent sites:

1923	**1926**	**1930**	**1934**	**1940**
1946	**1952**	**1957**	**1960**	**1965**
1972	**1976**	**1981**	**1990**	**1995**
2000	**2004-2005**	**2006**		

Years researched which did NOT cover your site or adjacent sites:

ERS's research has been limited to the information presented in the reviewed city directories only. All terms, conditions, and limitations normally associated with work contracted by **ERS** and presented or associated with the city directories are in effect at all times. This letter summary, all its information, and content have been derived from and rely upon the reviewed city directories. **ERS's** research has only been based on these books; **ERS** did not perform any type of independent investigation of any type, including as to the accuracy and/or completeness of the information derived or otherwise obtained from the secondary source or sources.

Subject Site:	332 North Beacon Street

Year	Description
Haines – 2006	Address Not Listed
Haines – 2004-2005	
Haines – 2000	
Haines – 1995	
Haines – 1990	
Haines – 1981	
Haines – 1976	
Haines – 1972	
Pacific Telephone – 1965	
Pacific Telephone – 1960	
Pacific Telephone – 1957	
Polk – 1952	
Los Angeles Directory Co – 1946	
Los Angeles Directory Co – 1940	
Los Angeles Directory Co – 1934	
Los Angeles Directory Co – 1930	
Los Angeles Directory Co – 1926	
Los Angeles Directory Co – 1923	

Possible Subject Site:	334-398 North Beacon Street

Year	Description
Haines – 2006	Address Range Not Listed
Haines – 2004-2005	
Haines – 2000	
Haines – 1995	
Haines – 1990	
Haines – 1981	
Haines – 1976	
Haines – 1972	
Pacific Telephone – 1965	
Pacific Telephone – 1960	
Pacific Telephone – 1957	
Polk – 1952	
Los Angeles Directory Co – 1946	
Los Angeles Directory Co – 1940	
Los Angeles Directory Co – 1934	
Los Angeles Directory Co – 1930	
Los Angeles Directory Co – 1926	

Los Angeles Directory Co – 1923	

Subject Site:	327 North Harbor Boulevard

Year	Description
Haines – 2006	Arco Battery Mfg Co
Haines – 2004-2005	
Haines – 2000	Arco Battery Mfg Co GTR Incorporated Stewart, Raymond
Haines – 1995	Arco Battery Mfg Co GTR Incorporated
Haines – 1990	Arco Battery Mfg Co
Haines – 1981	
Haines – 1976	
Haines – 1972	
Pacific Telephone – 1965	
Pacific Telephone – 1960	
Pacific Telephone – 1957	
Polk – 1952	
Los Angeles Directory Co – 1946	Harbor Streel Fabricators
Los Angeles Directory Co – 1940	San Pedro Street Pipe Co
Los Angeles Directory Co – 1934	Terporten, Jacob
Los Angeles Directory Co – 1930	Jantzen & Tassio
Los Angeles Directory Co – 1926	San Pedro Iron & Metal Co
Los Angeles Directory Co – 1923	Address Not Listed

Possible Subject Site:	329-399 North Harbor Boulevard

Year	Description
Haines – 2006	Address Range Not Listed
Haines – 2004-2005	351 – XXXX
Haines – 2000	
Haines – 1995	
Haines – 1990	
Haines – 1981	351 – Neville, G J
Haines – 1976	Address Range Not Listed
Haines – 1972	
Pacific Telephone – 1965	
Pacific Telephone – 1960	
Pacific Telephone – 1957	
Polk – 1952	
Los Angeles Directory Co – 1946	
Los Angeles Directory Co – 1940	

Los Angeles Directory Co – 1934	
Los Angeles Directory Co – 1930	
Los Angeles Directory Co – 1926	
Los Angeles Directory Co – 1923	

Possible Subject Site:	101 & 103 West OFarrell Street

Year	Description
Haines – 2006	Addresses Not Listed
Haines – 2004-2005	
Haines – 2000	
Haines – 1995	
Haines – 1990	
Haines – 1981	
Haines – 1976	
Haines – 1972	
Pacific Telephone – 1965	
Pacific Telephone – 1960	
Pacific Telephone – 1957	
Polk – 1952	
Los Angeles Directory Co – 1946	
Los Angeles Directory Co – 1940	
Los Angeles Directory Co – 1934	
Los Angeles Directory Co – 1930	
Los Angeles Directory Co – 1926	
Los Angeles Directory Co – 1923	

Adjacent Site (North):	401-419 North Harbor Boulevard

Year	Description
Haines – 2006	411 – Clinical Practice Management Foreman's Jnt Lbr Rltn Comte The Guidance Center
Haines – 2004-2005	407 – Michel C D Atty Trutanich & Michel LLP Atty 411 – Clinical Practice Management Diversified Transportation Service Encompass Knowledge System Inc Foreman's Un LCL No 94 I L W U The Guidance Center
Haines – 2000	407 – Michel C D Atty Pinsky Scott D Atty At Law Trutanich Carmen A Atty Trutanich & Michel LLP Atty 411 – Diversified Transportation Intl Diversified Transportation Foreman's Un LCL No 94 I L W U Howell Kirk CPA Kaiser Intl Corp M T Construction
Haines – 1995	407 – Little Fisherman 411 – Diversified Transportation Environmental Digest Kaiser Intl Corp Renergy International
Haines – 1990	407 – Little Fisherman
Haines – 1981	407 – St CA San Pedro
Haines – 1976	407 – Cal St Motor Vehicles
Haines – 1972	
Pacific Telephone – 1965	407 – Motor Vehicles Dept
Pacific Telephone – 1960	
Pacific Telephone – 1957	
Polk – 1952	Address Range Not Listed
Los Angeles Directory Co – 1946	
Los Angeles Directory Co – 1940	
Los Angeles Directory Co – 1934	
Los Angeles Directory Co – 1930	
Los Angeles Directory Co – 1926	
Los Angeles Directory Co – 1923	

Adjacent Site (North):	400-418 North Beacon Street
Year	**Description**
Haines – 2006	Address Range Not Listed
Haines – 2004-2005	
Haines – 2000	
Haines – 1995	
Haines – 1990	
Haines – 1981	
Haines – 1976	
Haines – 1972	
Pacific Telephone – 1965	
Pacific Telephone – 1960	
Pacific Telephone – 1957	
Polk – 1952	
Los Angeles Directory Co – 1946	
Los Angeles Directory Co – 1940	
Los Angeles Directory Co – 1934	
Los Angeles Directory Co – 1930	
Los Angeles Directory Co – 1926	
Los Angeles Directory Co – 1923	

Adjacent Site (North):	100 & 102 West OFarrell Street
Year	**Description**
Haines – 2006	Addresses Not Listed
Haines – 2004-2005	
Haines – 2000	
Haines – 1995	
Haines – 1990	
Haines – 1981	
Haines – 1976	
Haines – 1972	
Pacific Telephone – 1965	
Pacific Telephone – 1960	
Pacific Telephone – 1957	
Polk – 1952	
Los Angeles Directory Co – 1946	
Los Angeles Directory Co – 1940	
Los Angeles Directory Co – 1934	
Los Angeles Directory Co – 1930	
Los Angeles Directory Co – 1926	
Los Angeles Directory Co – 1923	

Adjacent Site (East):	326-418 North Harbor Boulevard
Year	**Description**
Haines – 2006	Address Range Not Listed
Haines – 2004-2005	
Haines – 2000	
Haines – 1995	
Haines – 1990	
Haines – 1981	
Haines – 1976	
Haines – 1972	
Pacific Telephone – 1965	
Pacific Telephone – 1960	
Pacific Telephone – 1957	
Polk – 1952	404 – Soto, J G Mrs 406 – Vasquez, Antonio 410 – Escareno, Rosa Mrs 412 – Madrid, J M 414 – Lopez, Urvana Mrs 418 – Terrazas, B L
Los Angeles Directory Co – 1946	402 – Vacant 404 – Fernandez, Peter 406 – Sambrano, Refugio 408 – Daugherty, Charles 410 – Gonzales, Cruz 412 – Sambrano, Margarito 414 – Hernandez, Urbana 418 – Lontreras, Lorenzo
Los Angeles Directory Co – 1940	402 – Uyeda, Y 404 – Uyeda, Y 406 – Fernandez, Peter 408 – Ayers, John 410 – Azaeta, Andres 412 – Mathews, S W Sughrue, Ralph 414 – Sanchez, Jose 418 – Vacant
Los Angeles Directory Co – 1934	402 – Myers, Robert 404 – Myers, Robert 406 – Fernandez, Peter 408 – Garcia, Pedro 412 – Gomez, Pedro 414 – Sanchez, Jose 418 – Carlson, Oscar
Los Angeles Directory Co – 1930	402 – Myers, Robert 404 – Myers, Robert

	406 – Fernandez, Peter 408 – Vacant 412 – Vacant 414 – Rico, Tiburcio 418 – Caldera, Mike
Los Angeles Directory Co – 1926	402 – Myers, Robert 404 – Myers, Robert 406 – Madina, Jesus Mrs 408 – Read, C B 410 – Hernandez, Francisco Rico, George 412 – Lomelin, Michel 414 – Rico, Tiburcio 418 – Pearson, Danel
Los Angeles Directory Co – 1923	402 – Garster, John 404 – Garster, John 414 – Otis, J F 416 – Otis, J F 418 – Pearson, Dan

Adjacent Site (South):	307-325 North Harbor Boulevard

Year	Description
Haines – 2006	Address Range Not Listed
Haines – 2004-2005	311 – XXXX
Haines – 2000	
Haines – 1995	
Haines – 1990	
Haines – 1981	
Haines – 1976	
Haines – 1972	
Pacific Telephone – 1965	311 – Mason Hotel
Pacific Telephone – 1960	
Pacific Telephone – 1957	
Polk – 1952	309 – Mason Hotel
Los Angeles Directory Co – 1946	311 – Raymond, J F
Los Angeles Directory Co – 1940	311 – Barracks Rooms Dale, W L
Los Angeles Directory Co – 1934	311 – Mason Hotel Rudolph, L L
Los Angeles Directory Co – 1930	311 – Hotel Mason Elmore, S W
Los Angeles Directory Co – 1926	309 – Hotel Mason Liggett, Everett Liggett, Ida Mrs
Los Angeles Directory Co – 1923	311 – Mason Hotel

Adjacent Site (South):	304-330 North Beacon Street
Year	**Description**
Haines – 2006	Address Range Not Listed
Haines – 2004-2005	
Haines – 2000	
Haines – 1995	
Haines – 1990	
Haines – 1981	
Haines – 1976	
Haines – 1972	
Pacific Telephone – 1965	
Pacific Telephone – 1960	
Pacific Telephone – 1957	
Polk – 1952	312 – Coast Hotel
Los Angeles Directory Co – 1946	
Los Angeles Directory Co – 1940	Address Range Not Listed
Los Angeles Directory Co – 1934	
Los Angeles Directory Co – 1930	
Los Angeles Directory Co – 1926	
Los Angeles Directory Co – 1923	

Adjacent Site (West):	307-399 North Beacon Street
Year	**Description**
Haines – 2006	345 – Icon Inernational Inc Marine Hardware
Haines – 2004-2005	311 – XXXX 345 – Marine Hardware Co
Haines – 2000	345 – Marine Hardware Co
Haines – 1995	
Haines – 1990	
Haines – 1981	Address Range Not Listed
Haines – 1976	
Haines – 1972	
Pacific Telephone – 1965	
Pacific Telephone – 1960	
Pacific Telephone – 1957	
Polk – 1952	317 – SP Steel & Pipe Co
Los Angeles Directory Co – 1946	317 – Vacant
Los Angeles Directory Co – 1940	Address Range Not Listed
Los Angeles Directory Co – 1934	
Los Angeles Directory Co – 1930	

Los Angeles Directory Co – 1926	
Los Angeles Directory Co – 1923	

Adjacent Site (West):	105-149 West OFarrell Street

Year	Description
Haines – 2006	Address Range Not Listed
Haines – 2004-2005	
Haines – 2000	
Haines – 1995	
Haines – 1990	
Haines – 1981	
Haines – 1976	
Haines – 1972	
Pacific Telephone – 1965	
Pacific Telephone – 1960	
Pacific Telephone – 1957	
Polk – 1952	
Los Angeles Directory Co – 1946	
Los Angeles Directory Co – 1940	
Los Angeles Directory Co – 1934	
Los Angeles Directory Co – 1930	
Los Angeles Directory Co – 1926	
Los Angeles Directory Co – 1923	

Adjacent Site (Northwest):	401-451 North Beacon Street

Year	Description
Haines – 2006	Address Range Not Listed
Haines – 2004-2005	
Haines – 2000	
Haines – 1995	
Haines – 1990	
Haines – 1981	
Haines – 1976	
Haines – 1972	
Pacific Telephone – 1965	
Pacific Telephone – 1960	
Pacific Telephone – 1957	
Polk – 1952	
Los Angeles Directory Co – 1946	
Los Angeles Directory Co – 1940	
Los Angeles Directory Co – 1934	
Los Angeles Directory Co – 1930	

Los Angeles Directory Co – 1926	
Los Angeles Directory Co – 1923	

Adjacent Site (Northwest):	104-148 West OFarrell Street

Year	Description
Haines – 2006	Address Range Not Listed
Haines – 2004-2005	110 – XXXX
Haines – 2000	
Haines – 1995	
Haines – 1990	110 – E Z Driving School Easy Driving School Goerlitz, John Jr
Haines – 1981	
Haines – 1976	
Haines – 1972	
Pacific Telephone – 1965	Address Range Not Listed
Pacific Telephone – 1960	
Pacific Telephone – 1957	
Polk – 1952	
Los Angeles Directory Co – 1946	
Los Angeles Directory Co – 1940	
Los Angeles Directory Co – 1934	
Los Angeles Directory Co – 1930	
Los Angeles Directory Co – 1926	
Los Angeles Directory Co – 1923	

Appendix 5

City of Los Angeles
Department of City Planning

12/20/2016
PARCEL PROFILE REPORT (modified version)

PROPERTY ADDRESSES
327 N HARBOR BLVD
332 N BEACON ST

ZIP CODES
90731

RECENT ACTIVITY
excluded from report

CASE NUMBERS
excluded from report

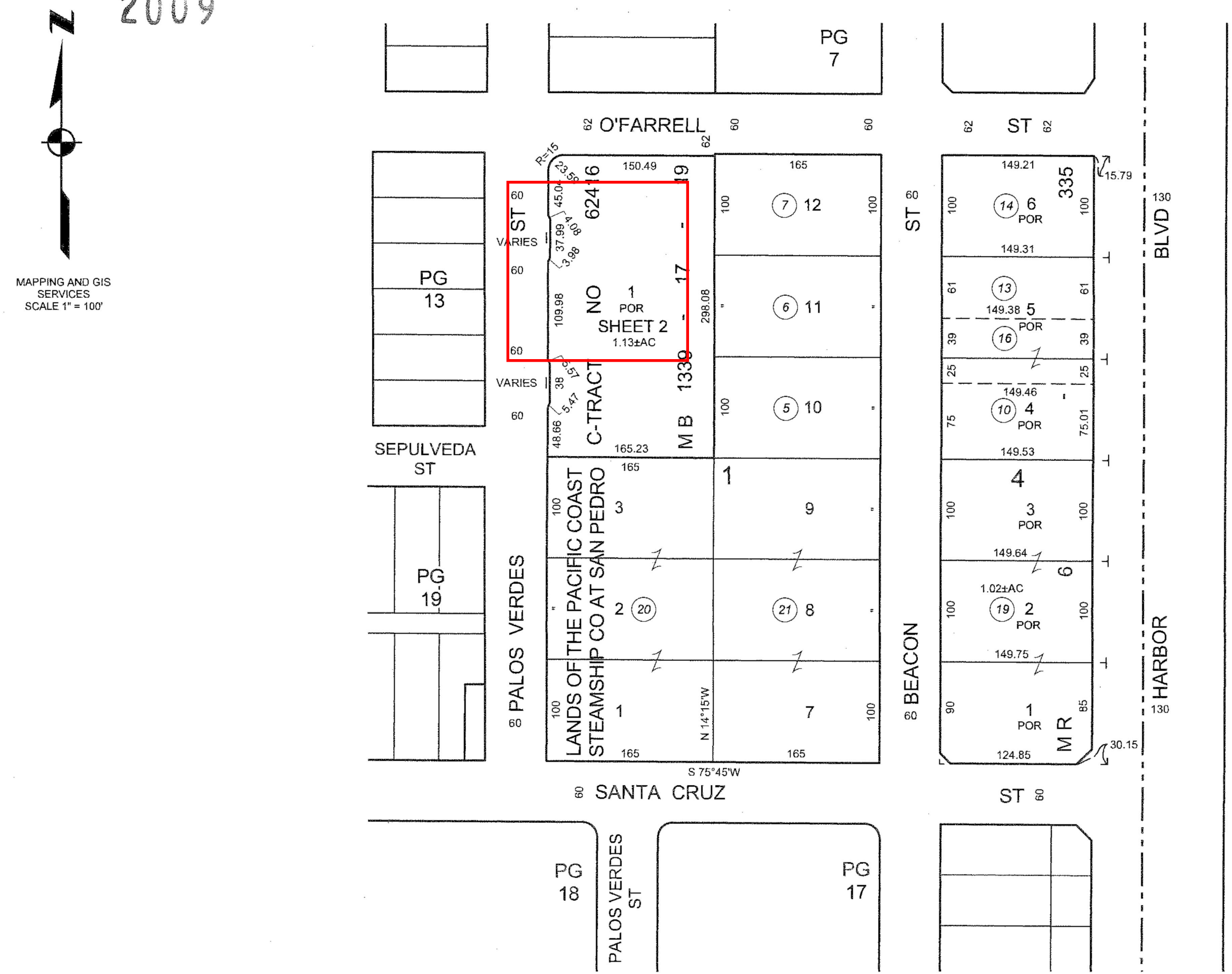
Address/Legal Information	
PIN Number	018B201 390
Lot/Parcel Area (Calculated)	15,032.2 (sq ft)
Thomas Brothers Grid	PAGE 824 - GRID C4
Assessor Parcel No. (APN)	7449014014
Tract	LANDS OF THE PACIFIC COAST STEAMSHIP CO.
Map Reference	M R 6-335
Block	4
Lot	FR 6
Arb (Lot Cut Reference)	None
Map Sheet	018B201

Assessor Information	
Assessor Parcel No. (APN)	7449014014
APN Area (Co. Public Works)*	0.342 (ac)
Use Code	300V - Vacant Land (Industrial)
Assessed Land Val.	$400,434
Assessed Improvement Val.	$0
Last Owner Change	03/26/12
Last Sale Amount	$9
Tax Rate Area	3245
Deed Ref No. (City Clerk)	3-53
	1428201
Building 1	No data for building 1
Building 2	No data for building 2
Building 3	No data for building 3
Building 4	No data for building 4
Building 5	No data for building 5

This report is subject to the terms and conditions as set forth on the website. For more details, please refer to the terms and conditions at zimas.lacity.org
(*) - APN Area is provided "as is" from the Los Angeles County's Public Works, Flood Control, Benefit Assessment.

7449	14 SHEET 1	P. A. 291-18 & 19	TRA 13245	REVISED 2000082902003001-14 20020809	2007110607009001-28 20080611070001001-28				SEARCH NO		OFFICE OF THE ASSESS COUNTY OF LOS ANGEL COPYRIGHT © 2002

2009



SEARCH PROPERTY

Address Search

Address (example - 505 E. Main): 327 north harbor boulevard

Apt/Suite/Unit #:

City: san pedro

State: CA

Zip: 90731

Search | Clear

Products

Profiles
12 of 15 remaining

Address	Owner	APN	Action
327 N HARBOR BLVD SAN PEDRO CA 90731-2242	RED CURB INVESTMENTS	7449-014-014	Continue

Appendix 6

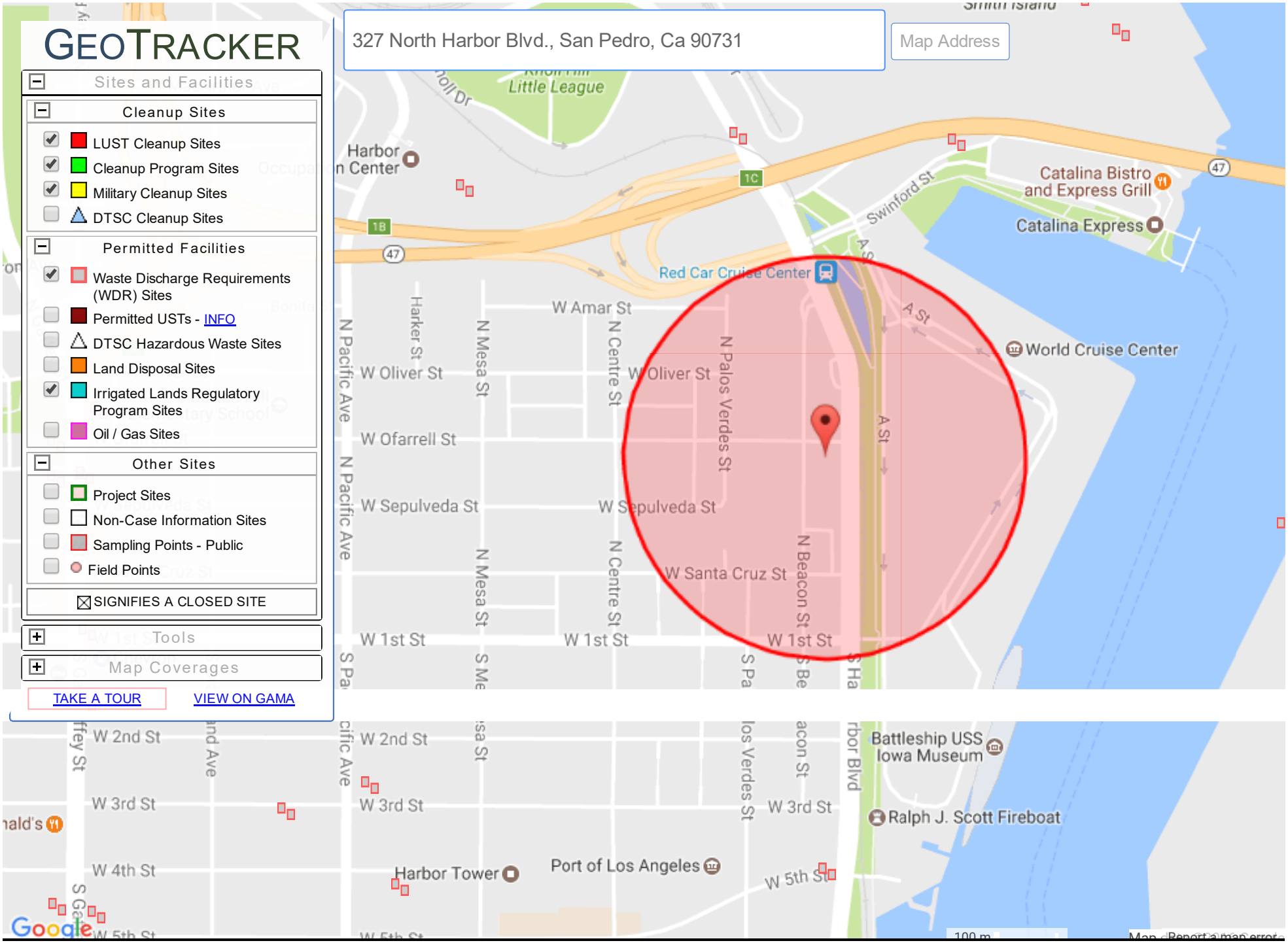
GEOTRACKER

327 North Harbor Blvd., San Pedro, Ca 90731

Map Address

- Sites and Facilities
  - Cleanup Sites
    - [x] LUST Cleanup Sites
    - [x] Cleanup Program Sites
    - [x] Military Cleanup Sites
    - [ ] DTSC Cleanup Sites
  - Permitted Facilities
    - [x] Waste Discharge Requirements (WDR) Sites
    - [ ] Permitted USTs - INFO
    - [ ] DTSC Hazardous Waste Sites
    - [ ] Land Disposal Sites
    - [x] Irrigated Lands Regulatory Program Sites
    - [ ] Oil / Gas Sites
  - Other Sites
    - [ ] Project Sites
    - [ ] Non-Case Information Sites
    - [ ] Sampling Points - Public
    - [ ] Field Points
  - ☒ SIGNIFIES A CLOSED SITE
- Tools
- Map Coverages

TAKE A TOUR | VIEW ON GAMA



SITES FOUND IN SEARCH RADIUS

http://geotracker.waterboards.ca.gov/map/?CMD=runreport&myaddress=327+North+Harbor+Blvd.%2C+San+Pedro%2C+Ca+90731

LOS ANGELES FIRE DEPARTMENT
UNDERGROUND TANKS REQUEST FOR FIRE PREVENTION RECORDS

ADDRESS: 200 NORTH MAIN ST., 17TH FLR. RM. 1700

NEW OFFICE# - 213-978-3700 NEW EMAIL lafd.usttestnotify@lacity.org

PLEASE GIVE US 7 TO 10 BUSINESS DAYS TO HONOR YOUR REQUEST.

ONE ADDRESS ONLY - PER SHEET

COMPLETE THIS BOX. ONE FOR EACH PROPERTY CONCERNED

PHONE NO: (323) 936-0411 EMAIL: janekim@gotoepc.com

NAME OF REQUESTER (PLEASE PRINT): Jane Kim

REPRESENTING (COMPANY NAME): Environ Phase Consulting Co.

SIGNATURE: _____ DATE: 12 / 20 / 2016

DRIVER LIC NO: _____ EXP: _____

ADDRESS FOR WHICH RECORDS ARE REQUESTED: 327 N. Harbor Blvd. & 332 North Beacon Street

REASON FOR REQUEST: Environmental Site Assessment

NO COPY SERVICES ALLOWED

FOR OFFICE USE ONLY:

☐ REVIEW ONLY (NO COPIES)

☐ REQUEST COPIES

NUMBER OF PAGES: _____

X .10 ¢

= _____

+ $11.00

TOTAL FEE AMOUNT: _____

BILLING & ACCOUNTS RECEIVABLE
16TH FL, Rm. 1620, 200 N. MAIN (REV CODE #3887)

Los Angeles City Fire Department

Telephone (213) 978-3691
Email: LAFDrfi@lacity.org
200 N. Main St., 17th Fl., Los Angeles, CA 90012

Request for Information
Hazardous Materials Records

*COMPLETE ONE FORM FOR EACH ADDRESS

Request Date: 12/20/2016

Requester's Name: Jane Kim Email: janekim@gotoepc.com

Company/ Agency: Environ Phase Consulting Co. PH.#: 323-936-0411

Address: 5169 W. Washington Blvd. Unit/Ste.: _____

City: Los Angeles State: CA Zip: 90016

Information is requested for

☐ Active Facilities Only

Check all that apply: ☐ Inventory Summary ☒ Review File

Business Name: _____

Storage Address: 327 North Harbor Blvd. & 332 North Beacon Street Unit/Ste.: _____

City: San Pedro Zip: 90731

Reason for Request: Environmental Site Assessment

FOR OFFICE USE ONLY

☐ **NO INFORMATION ON FILE**
☐ **HARD FILE DESTROYED**
☐ **INFORMATION AVAILABLE**

Fee Schedule:
*Inventory Summary** x $11.00

Facility I.D. No.: _____

Request Review File Copies:

Request No.: _____

Initial Fee* $ 1.10

Processed Date: _____

# of pgs. _____x $0.10 = $_____

APPT. TO REVIEW FILE: _____

*Per Facility ID

Processor Signature: _____

TOTAL: **$**_____

Allow 10 working days for processing:

SOUTH COAST AQMD

Facility INformation Detail (FIND)

Facility Details

Facility ID	5565
Company Name	ARCO BATTERY MFG CO
Address	327 N HARBOR BLVD SAN PEDRO, CA 90731

Status INACTIVE

Are there any back fees due?
No.

SIC Code	Description
3692	PRIMARY BATTERIES, DRY AND WET

SOUTH COAST AQMD

Facility INformation Detail (FIND)

Equipment List

Facility ID	5565
Company Name	ARCO BATTERY MFG CO
Address	327 N HARBOR BLVD SAN PEDRO, CA 90731

Appl Nbr	Permit Nbr	Issued Date	Permit Status	Eq Type	Equip Description	Appl Date	Appl Status
019831	024544	8/17/1956	INACTIVE	Basic	FURNACE OTHER MET OPS LEAD & TYPE METAL		PERMIT TO OPERATE GRANTED

First Prev Page 1 of 1 (1 records) Next Last Page 1 Export To Excel

AIR POLLUTION CONTROL DISTRICT

COUNTY OF LOS ANGELES

PERMIT

IS HEREBY GRANTED TO

R. RUHL, Jr., dba

ARCO BATTERY MANUFACTURING COMPANY

TO OPERATE

ONE BATTERY GROUP BURNING TABLE

LOCATED AT

327 NORTH HARBOR BOULEVARD

SAN PEDRO, CALIFORNIA

SUBJECT TO THE FOLLOWING CONDITIONS

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 20, CHAPTER 2, ARTICLE 3, OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES AND REGULATIONS OF THE AIR POLLUTION CONTROL DISTRICT.

THIS PERMIT CANNOT BE CONSIDERED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF OTHER GOVERNMENTAL AGENCIES.

Date **August 17, 1956** AIR POLLUTION CONTROL OFFICER

Appl. No. 19831

By Hoyt R. Crabaugh

HOYT R. CRABAUGH

Assistant Director of Engineering

Nº 24544

REVOCABLE AND NOT TRANSFERABLE

16P238—12/55

Matthew Rodriquez
Secretary for
Environmental Protection

Department of Toxic Substances Control

Barbara A. Lee , Director
1001 I Street
P.O. Box 806
Sacramento , CA 958120806

Edmund G. Brown Jr.
Governor

EPA ID PROFILE

Map

ID Number:	CAC000625160	Status:	INACTIVE
Name:	1X ARCO BATTERY	Inactive Date:	10/25/2000 12:00:00 AM
County:	LOS ANGELES	Record Entered:	8/14/1991 12:00:00 AM
NAICS:	N/A	Last Updated:	10/25/2000 12:00:00 AM

	Name	Address	City	State	Zip Code	Phone
Location	1X ARCO BATTERY	327 N HARBOR BLVD	SAN PEDRO	CA	907310000	
Mailing		327 N HARBOR BLVD	SAN PEDRO	CA	907310000	
Owner	GREG STEWART	--	--	99	--	0000000000
Operator/Contact	JUNO, ED/MGR	EX 11-19-91	--	99	--	2138330243

Based Only Upon ID Number: CAC000625160

Calif. Manifests?	Non Calif. Manifests?	Transporter Registration?
N/A	N/A	INACTIVE

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

No Records Found

Non California Manifest Total Tonnage

No Records Found

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: 12/20/2016

Matthew Rodriquez
Secretary for
Environmental Protection

Department of Toxic Substances Control

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1001 I Street
P.O. Box 806
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Governor

EPA ID PROFILE

Map

ID Number:	CAC002623940	Status:	INACTIVE
Name:	327 N HARBOR BLVD LLC	Inactive Date:	5/13/2008 4:32:50 PM
County:	LOS ANGELES	Record Entered:	11/14/2007 4:32:50 PM
NAICS:	N/A	Last Updated:	6/11/2008 2:35:03 PM

	Name	Address	City	State	Zip Code	Phone
Location	327 N HARBOR BLVD LLC	327 N HARBOR BLVD	SAN PEDRO	CA	907312242	
Mailing		21515 HAWTHORNE BLVD STE 960	TORRANCE	CA	90503	
Owner	327 N HARBOR BLVD LLC	21515 HAWTHORNE BLVD STE 960	TORRANCE	CA	90503	3108934594
Operator/Contact	BILL ASHAI	21515 HAWTHORNE BLVD STE 960	TORRANCE	CA	90503	3108934594

Based Only Upon ID Number: CAC002623940

Calif. Manifests?	Non Calif. Manifests?	Transporter Registration?
Yes	N/A	INACTIVE

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
2007	28 595.61000	0 0.00000	0 0.00000	0 0.00000	0 0.00000
2008	28 594.72000	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

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: 12/20/2016

California Waste Code by Year Matrix

ID Number: CAC002623940
Entity Type: Generator

2007 ▾ 2017 ▾ Select Years

Calif. Code	Description	2007	2008
611	CONTAMINATED SOILS FROM SITE CLEAN-UP	595.61000	594.72000
	Grand Totals	595.61000	594.72000

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Report Generation Date: 01/10/2017

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Secretary for
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Department of Toxic Substances Control

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Edmund G. Brown Jr.
Governor

EPA ID PROFILE

Map

ID Number:	CAD009525692	Status:	INACTIVE
Name:	ARCO BATTERY	Inactive Date:	6/30/2007 9:15:34 AM
County:	LOS ANGELES	Record Entered:	7/23/1982 12:00:00 AM
NAICS:	335911	Last Updated:	10/15/2007 1:17:27 PM

	Name	Address	City	State	Zip Code	Phone
Location	ARCO BATTERY	327 N HARBOR BLVD	SAN PEDRO	CA	907310000	
Mailing		327 N HARBOR BLVD	SAN PEDRO	CA	907312242	
Owner	GREGORY STEWART	327 N HARBOR BLVD	SAN PEDRO	CA	907312242	3105484456
Operator/Contact	GREGORY STEWART	PO BOX 1185	SAN PEDRO	CA	907332242	3105484456

Based Only Upon ID Number: CAD009525692

Calif. Manifests?	Non Calif. Manifests?	Transporter Registration?
N/A	N/A	INACTIVE

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

No Records Found

Non California Manifest Total Tonnage

No Records Found

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: 12/20/2016

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Department of Toxic Substances Control

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P.O. Box 806
Sacramento , CA 958120806

Edmund G. Brown Jr.
Governor

EPA ID PROFILE

Map

ID Number:	CAL000037938	Status:	INACTIVE
Name:	ARCO BATTERY CO	Inactive Date:	1/1/1900 1:43:44 PM
County:	LOS ANGELES	Record Entered:	9/17/1990 12:00:00 AM
NAICS:	N/A	Last Updated:	7/12/1995 12:00:00 AM

	Name	Address	City	State	Zip Code	Phone
Location	ARCO BATTERY CO	327 NO HARBOR BLVD	SAN PEDRO	CA	907310000	
Mailing		327 NO HARBOR BLVD	SAN PEDRO	CA	907310000	
Owner	STEWART GREGORY	--	--	99	--	0000000000
Operator/Contact	DEACT PER 95 FEE FORM -P.H.	6-26-95	--	99	--	3108332431

Based Only Upon ID Number: CAL000037938

Calif. Manifests?	Non Calif. Manifests?	Transporter Registration?
N/A	N/A	INACTIVE

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

No Records Found

Non California Manifest Total Tonnage

No Records Found

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: 12/20/2016

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Edmund G. Brown Jr.
Governor

Facility Search Results

Selection Criteria:

Facility:	
Search on:	Physical Address
Street:	beacon
Zip:	90731
Status:	Active and Inactive
Sort Direction:	asc
Sorted By:	EPA ID
Records Found:	15

EPA ID Number	Name	Address	City	Zip
CAC000092941	1X U S POSTAL SERVICE	839 S BEACON ST	SAN PEDRO	907310000
CAC000868592	1X CAL TRANS	515 N BEACON ST	SAN PEDRO	907310000
CAC000928696	1X U S POSTAL SERVICE	839 S BEACON ST	SAN PEDRO	907310000
CAC001270496	USPS/SAN PEDRO MAIN	839 S BEACON ST	SAN PEDRO	907310000
CAC002579552	COAST DIVING SERVICES	305 N BEACON ST	SAN PEDRO	90731
CAC002616354	HEALTHVIEW INC	921 S BEACON ST	SAN PEDRO	90731
CAC002707243	GRIFFITH COMPANY	515 N BEACON ST	SAN PEDRO	90731
CAC002885025	BEACON HOUSE	1003 S. BEACON STREET	SAN PEDRO	90731
CAD981964901	CITY OF L A GENERAL SERVICES	638 S BEACON ST	SAN PEDRO	907310000
CAL000285452	FRANK POLITEO AIA & ASSOC	1300 S BEACON ST STE 225	SAN PEDRO	90731
CAL000316916	COAST DIVING SERVICE, INC	305 N BEACON ST	SAN PEDRO	90731
CAL000326489	SANDOVAL TRUCKING	200 N BEACON ST STE 322	SAN PEDRO	90731
CAP000268144	SAN PEDRO PARK PLAZA	700 SOUTH BEACON ST	SAN PEDRO	90731
CAR000187948	SANDOVAL TRUCKING	201 N BEACON ST APT 322	SAN PEDRO	907312280
CAX000039321	BEAUFORT NEGATION	1300 SO. BEACON STREET	SAN PEDRO	907310000

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: 01/10/2017

Appendix 7

PHASE ONE ESA CHECKLIST

Environ Phase Consulting Co.
5169 W. Washington Blvd., LA, CA 90016 (323) 936-0411

SITE WALK	
Name: **Jeff Lee**	Site Name: vacant lot
Sign:	Site Address: 327 North Harbor Blvd San Petro, CA
Position: Consultant	Date: 12/28/2016

Observations	
Parking Lots/Patched Surfaces	No evidence of soil boring or excavation was observed.
Transformers/Power Lines	No
UST/Secondary Containment/Content	No
AST/Secondary Containment/Content	No
Drum/Location/Secondary Containment/Content	No
Chemicals	No hazardous chemicals
Wastes	No hazardous wastes
Lagoons/Pits/Swales	No
Trash Dumpster area	No hazardous waste was observed at the dumpster.
Improperly Stored Waste	No
Water Treatment Clarifier/Catch basin	No
Distressed Vegetation/Odors	No
Stained Soil	No
Stockpiled Soils or Debris Piles	No
Standing Water	No
Adjoining property has been used for gas station/dry cleaners/industrial factory?	No
Wells: Monitoring/treatment injection/drinking wells	No
Permits: Fire Dept, CUPA, Environmental Health Dept, AQMD, and etc.	No hazardous material operation permit was issued at the site.

PHASE ONE ESA CHECKLIST

Environ Phase Consulting Co.

5169 W. Washington Blvd., LA, CA 90016 (323) 936-0411

HAZARDOUS WASTE INVENTORY			
If you do not have hazardous materials, just mark "none."			
Chemical Name	Volume/Size of Containers	Location	How Stored
Do you have emergency contingency plan? If yes, please attach the copy. (None)			
Two concrete slabs were observed at the northern and eastern portions of the site. Currently, the subject site is vacant.			

No hazardous materials were observed at the site.

PHASE ONE ESA CHECKLIST

Environ Phase Consulting Co.
5169 W. Washington Blvd., LA, CA 90016 (323) 936-0411

Neighboring Property Information		
Direction	Name & Address	Note
North	Medical Bldg at 411 N. Harbor Blvd	Adjacent across WO Farrell Street
	Name & Address	Note
South	Creative Pet Supply at 305 N. Harbor Blvd	
	Name & Address	Note
East	World Cruise Center	Adjacent across Harbor Blvd
	Name & Address	Note
West	Icon International and Industrial & Marine Supplies at 345 N. Beacon Street	2-story block building is adjacent across Beacon Street.

PHASE ONE ESA CHECKLIST

OWNERSHIP/SITE CONTACT INFORMATION	
Name: Thomas Cole	Sign: Thomas R. Cole
Tel. 310-421-4407	Date: 12-20-16
Position: Employee	
Company Name: Red Curb Investments, LLC	

PHYSICAL PROPERTY INFORMATION	
Site Address	319-327 N. Harbor Blvd., San Pedro, CA 90731
Name of Jurisdiction/County	Los Angeles County
Land (Acres or Sq Ft)	unknown
How many building?	0
Age of Buildings/Date of Construction	N/A
Square Footage of the building	N/A
Construction Type:	(II- Steel) (III-Concrete Block) (IV-Wood framed building) N/A
Do you have water heater?	Type: (Oil Heater) (Gas Heater) N/A
Do you have waste recycling systems?	N/A
Do you have clarifier or wastewater pretreatment system?	(If yes, provide permits.) N/A
Do you have Fuel Storage Tanks (UST or AST)? **Did** you have UST or AST?	Underground Storage Tank (UST): (If yes, provide permits.) Aboveground Storage Tank (AST): (If yes, provide permits.) N/A
Is there unknown vent pipe or manhole?	unknown
Is there any petroleum products or wastes?	unknown
Do you have groundwater wells? (If yes, provide monitoring report.)	(Monitoring Well) (Drinking Well) (Treatment Well) unknown
Do you have chemicals or wastes?	(If yes, provide MSDS, permit, & Manifest.) unknown
Are there pits, ponds, or lagoons located on the site in connection with waste treatment?	unknown
Is the property and/or adjacent property used for industrial, dry cleaners, or gas station?	unknown
Is there any stained soil or surface on the site?	unknown

PHYSICAL PROPERTY INFORMATION	
Certificate of Occupancy (Doing Business Names)	N/A
Property Used History: Previous Land/Building Use Previous Business Name	unknown
Is there Previous Environmental Reports?	yes
Period of Ownership	(Since) (2012 year)
Is there any Environmental Lien or Violation?	unknown
If yes, please explain the lien or violation and attach the copy.	

Utility Company Information	
Electric Utility Company	unknown
Natural Gas Company	unknown
Water Provider	unknown
Sewer line	(City) (County) or (None) unknown
Septic Tank & System	unknown
Elevator Maintenance Co.	unknown
Medical Waste Disposal Co.	unknown

N/A

HAZARDOUS MATERIAL OR WASTE INVENTORY			
Chemical Name	Volume/Size of Containers	Location	How Stored
Do you have emergency contingency plan? If yes, please attach the copy.			

Neighboring Property Information		
Direction	Name & Address	Note
North		
	Name & Address	Note
South		
	Name & Address	Note
East		
	Name & Address	Note
West		

)UNTY OF LOS ANGELE
FIRE DEPARTMENT
1320 NORTH EASTERN AVENUE
LOS ANGELES, CALIFORNIA 90063-3294

Refer reply to:
HAZARDOUS WASTE CONTROL PROGRAM
2615 South Grand Avenue #601
Los Angeles, CA 90007

D

P. MICHAEL FREEMAN
FIRE CHIEF
FORESTER & FIRE WARDEN

Sh N D

August 13, 1992

Mr. Greg Stewart, President
GTR Inc.
P.O. Box 1185
San Pedro, CA 90733

Dear Mr. Stewart:

SUBJECT: EXCAVATION AND REMEDIATION OF LEAD CONTAMINATED SOILS AT ARCO BATTERY MANUFACTURING, 327 NORTH HARBOR BOULEVARD, SAN PEDRO, CALIFORNIA 90733

This Department has completed a review of the remedial action report, dated October 25, 1991, submitted by Ancon Marine, Inc. (AMI), the proposal requesting the on-site re-use of treated soil, dated June 15, 1992, submitted to the Regional Water Quality Control Board (RWQCB) by Contamination Clean-Up of California, Inc. (CCC), and the additional sulfate test results, analyzed July 31, 1992 by Orange Coast Analytical, Inc. As discussed in a telephone conversation between Steve Vollero of CCC and Lance Ralston of this Department on August 13, 1992, this Department, based on information provided in the reports, is satisfied that the excavation phase of the remedial action plan has been completed and the after-treatment test results indicate the agreed upon cleanup goals have been obtained.

This Department has no objection to the re-use of the treated soil on-site, given the proper waste discharge permit from the RWQCB. It is understood the areas where the treated soil will be re-used on-site will be capped with either concrete or asphalt and they will only be used for storage or parking purposes.

This letter, however, does not relieve you of any liability under the California Health and Safety Code, the State Water Code, or other applicable laws and regulations for past, present or future operations at this site. Nor does it relieve you of responsibility for any additional or unidentified conditions at the site which could threaten public health or the environment.

Dep's EXHIBIT D
FOR IDENTIFICATION
MARIANNA DONNER, CSR,
4-13 1994
WITNESS Stewart, G.

If you have any questions, please feel free to call Lance Ralston at (213) 744-5313.

Very truly yours,

P. MICHAEL FREEMAN

By Thomas W. Kinger
for WILLIAM JONES, M.S.
CHIEF, INVESTIGATIVE SECTION
HAZARDOUS WASTE CONTROL PROGRAM

WJ:lr

cc: Scott Vollero, CCC
Dale Strieter, AMI
Hiem Tam, RWQCB

D-2

COUNTY OF LOS ANGELES
FIRE DEPARTMENT
1320 NORTH EASTERN AVENUE
LOS ANGELES, CALIFORNIA 90063-3294

Refer reply to:
HEALTH HAZARDOUS MATERIALS DIVISION
5825 Rickenbacker Rd
Commerce CA 90040

P. MICHAEL FREEMAN
FIRE CHIEF
FORESTER & FIRE WARDEN

SHNO

January 26, 1995

Mr. Greg Stewart, President
GTR Inc.
P.O. Box 1185
San Pedro, CA 90733

Dear Mr. Stewart:

SUBJECT: CLOSURE REPORT FOR THE EXCAVATION AND REMEDIATION OF LEAD CONTAMINATED SOILS AT ARCO BATTERY MANUFACTURING, 327 NORTH HARBOR BOULEVARD, SAN PEDRO, CALIFORNIA 90733

This Department has completed a review of the project summary, dated September 8, 1992, submitted by Scott Vollero of Contamination Clean-Up of California, and a final closure addendum, dated January 16, 1995, submitted by Dale Strieter of Ancon Marine. Based on information provided in the report and with the provision that the information was accurate and representative of existing conditions, we concur with your consultant that the known site contamination has been satisfactorily mitigated for the current land use. This Department has no further requirement or restriction relating to this site at this time.

This letter, however, does not relieve you of any liability under the California Health and Safety Code, the State Water Code, or other applicable laws and regulations for past, present or future operations at this site. Nor does it relieve you of responsibility for any additional or unidentified conditions at the site which could threaten public health or the environment.

If you have any questions, please feel free to call Lance Ralston at (213) 890-4132.

4111

Very truly yours,

THOMAS W. KLINGER, SUPERVISOR
SITE MITIGATION UNIT
HEALTH HAZARDOUS MATERIALS DIVISON

WJ:lr

cc: Scott Vollero, CCC
Dale Strieter, AMI

COUNTY OF LOS ANGELES

FIRE DEPARTMENT

P. MICHAEL FREEMAN
FIRE CHIEF
FORESTER & FIRE WARDEN

Refer reply to
Health Hazardous Materials Division
5825 Rickenbacker Rd.
Commerce CA 90040-302

July 17, 2008

Bill Ashai, CFO
Sepia Homes Incorporated c/o
Ashai Design Corp.
21515 Hawthorne Blvd., Suite 960
Torrance, CA 90503

Dear Mr. Ashai:

FORMER ARCO BATTERY MANUFACTURER – 319 AND 327 NORTH HARBOR BLVD. SAN PEDRO, CA 90733; SMU #06-687/RO0000198

This Department has completed a review of the reports entitled, "Soil Remediation Report, Former Arco Battery Site, 319-327 North Harbor Boulevard, San Pedro, California" (revised), dated May 12, 2008 and Addendum to Report, 327 North Harbor Boulevard, San Pedro, CA," dated June 30, 2008, submitted by your consultant, JHD Services. Based on information provided in the reports and with the provision that the information was accurate and representative of existing conditions, we concur with your consultant that the known site contamination has been satisfactorily mitigated for unrestricted use, and no further action is required at the subject site. The Site Mitigation Unit of this Department has no further requirement or restriction relating to this site at this time.

This letter, however, does not relieve you of any liability under the California Health and Safety Code, the State Water Code, or other applicable laws and regulations, nor does it relieve you of responsibility for any unidentified conditions or future operations that could pose an environmental concern.

If you have any questions, please feel free to call Richard L. Clark at (323) 890-4027.

Very truly yours,

SHAHIN NOURISHAD, SUPERVISOR
SITE MITIGATION UNIT
HEALTH HAZARDOUS MATERIALS DIVISION

SN:rc

C: J. Daly, JHD Services

Appendix 8

ENVIRONMENTAL RECORD SEARCH

"The Intelligent Choice"

RecCheck

Report Results

The Standard for ASTM/AAI Radius Searches

(One Mile Environmental Records Search, Exceeds ASTM 1527/1528 and EPA All Appropriate Inquiry)

REPORT RESULTS

Site Location:

327 North Harbor Boulevard;332 North Beacon Street
Los Angeles, CA 90731
(N 33-44-45, W 118-16-48) NAD83

Client:

Environ Phase Consulting Co.

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EXECUTIVE SUMMARY

INFORMATION ON THE REQUESTED LOCATION

Site Address:	327 North Harbor Boulevard;332 North Beacon Street Los Angeles, CA 90731
Client Project Name/Number:	332 North Beacon Street 2104678400
Coordinates:	N 33-44-45, W 118-16-48 (NAD 83) 33.745766, -118.280056
Date of Report	December 20, 2016
ERS Project Number:	2104678400
Subject Site Listed on the following lists:	Not Listed
Subject Site Listed as Map ID#:	N/A
USGS 7.5 Minute Quad Map:	San Pedro (2015-03-23)
Subject Site Located within a Potential Area of Concern:	No
Township, Section and Range:	Township: 05S Range: 13W Section: 18 Baseline: San Bernardino
Site Elevation: (feet above or below (-) mean sea level)	21
Flood Zone: (FEMA Q3 Digital Data)	Panel: 06037C2032F, Effective Date: 9/26/2008 Zone X - Area of minimal flood hazard, usually depicted on FIRMs as above the 500-year flood level.

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Fire Insurance Map Coverage:	Coverage Likely Exists in Volume 16-20 of Los Angeles. Years: 1883, 1888, 1890, 1891, 1894, 1900, 1905, 1906, 1907, 1910, 1912, 1914, 1919, 1920, 1921, 1922, 1923, 1924, 1926, 1927, 1928, 1929, 1930, 1931, 1932, 1933, 1934, 1935, 1936, 1937, 1938, 1939, 1940, 1941, 1942, 1943, 1944, 1945, 1946, 1947, 1948, 1949, 1950, 1951, 1952, 1953, 1954, 1955, 1956, 1957, 1958, 1959, 1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1970. Sources: ERS; Los Angeles Dept. of Water and Power,Univ. of California, Berkeley microform ; California State Univ., Northridge ; Los Angeles Public Library ; Huntington Library ; California State Univ., Northridge,Library of Congress ; New York Public Library ; California State Library,Univ. of California, Berkeley ; ; Univ. of California, Berkeley microform ,Univ. of California, Los Angeles ; Los Angeles Public Library,Univ. of California, Berkeley ; Univ. of California, Berkeley ; Univ. of California, Los Angeles ; California State Univ., Northridge,Univ. of California, Berkeley microform ,Univ. of California, Los Angeles ; California State Library,Los Angeles Public Library ; California State Library,Univ. of California, Davis,Los Angeles Public Library ; Formerly US Census Bureau, Jeffersonville, IN ; California State Univ., Northridge,Huntington Library ; California State Univ., Northridge,Los Angeles Public Library ; California State Univ., Northridge,Los Angeles Public Library,Univ. of California, Los Angeles ; California State Univ., Northridge,Univ. of California, Los Angeles ; California State Univ., Northridge,Los Angeles Public Library,Univ. of California, Berkeley microform ,Univ. of California, Los Angeles ; Los Angeles Public Library incomplete ; California State Univ., Northridge,Los Angeles Public Library incomplete ; Univ. of California, Berkeley microform ,California State Univ., Northridge,Univ. of California, Los Angeles
Radon Information:	EPA Radon Zone: 2 (Predicted avg for county: 2 to 4 pCi/L)For zip code 90731: Number of tests per zip code: 11 Number of tests where radon is > 4 pCi/L: 0 Percentage of test where radon is > 4 pCi/L: 0.00% Other Information: Not Reported
Search Radius Expansion Size: (In Miles)	0

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Soil Type: **(USDA Soil Survey Geographic Database) (SSURGO)**	BEACHES 1% to 5% slopes, 1% of total CHINO 0% to 2% slopes, 3% of total CHINO 0% to 2% slopes, 2% of total CROPLEY 2% to 5% slopes, 6% of total DELHI 0% to 2% slopes, 1% of total DIABLO 4% to 9% slopes, 1% of total ELDER 0% to 2% slopes, 1% of total GREENFIELD 2% to 5% slopes, 2% of total HANFORD 0% to 2% slopes, 17% of total HANFORD 2% to 5% slopes, 2% of total HUENEME 0% to 2% slopes, 1% of total METZ 0% to 2% slopes, 2% of total RAMONA 2% to 5% slopes, 2% of total RIVERWASH 0% to 2% slopes, 1% of total SORRENTO 0% to 2% slopes, 2% of total SORRENTO 0% to 2% slopes, 7% of total SORRENTO 0% to 2% slopes, 2% of total TUJUNGA 0% to 2% slopes, 2% of total TUJUNGA 0% to 2% slopes, 1% of total URBAN LAND 0% to 2% slopes, 43% of total BEACHES 1% to 5% slopes, 1% of total
Zip Codes Searched for "Un-Mappable" Sites:	Not Researched
Occurrence Count:	101

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SUMMARY OF OCCURRENCES

MAP ID	ID/SITE NAME	ADDRESS	DATABASE	STATUS	DISTANCE (MILES)	ELEV DIFF (FEET)
1 Maps: 1, 2, 3	5565-SC ARCO BATTERY MFG CO	327 N HARBOR BLVD SAN PEDRO	AIR-DIST-CA	Listed	< 0.01 N	-1
1 Maps: 1, 2, 3	110002636782 ARCO BATTERY MFG CO	327 N HARBOR BLVD SAN PEDRO	FRS-US	Listed	< 0.01 N	-1
1 Maps: 1, 2, 3	25338 ARCO BATTERY MFG CO	327 N. HARBOR BLVD SAN PEDRO	Hist-CalFID-CA	Listed	< 0.01 N	-1
1 Maps: 1, 2, 3	3767078 G T R INCORPORATED	327 N. HARBOR BLVD SAN PEDRO	Hist-CalFID-CA	Listed	< 0.01 N	-1
1 Maps: 1, 2, 3	25338 ARCO BATTERY MFG CO	327 N HARBOR BLVD SAN PEDRO	Hist-FINDS-US	Listed	< 0.01 N	-1
1 Maps: 1, 2, 3	1493896-PD ARCO BATTERY MFG CO	327 N HARBOR BLVD SAN PEDRO	Hist-Vehicle-Parts	Listed	< 0.01 N	-1
1 Maps: 1, 2, 3	28540 Arco Battery	327 N Harbor Blvd San Pedro	Hist-Vehicle-Parts	Listed	< 0.01 N	-1
1 Maps: 1, 2, 3	CAC002623940 327 N HARBOR BLVD LLC	327 N HARBOR BLVD SAN PEDRO	HWIS-CA	Listed	< 0.01 N	-1
1 Maps: 1, 2, 3	CAD009525692 ARCO BATTERY MFG CO	327 N HARBOR BLVD SAN PEDRO	RCRA-SQG-US	Listed	< 0.01 N	-1
2 Maps: 1, 2, 3	247701 MARINE HARDWARE CO	345 N BEACON ST NONE	Hist-UST-CA	Listed	0.02 W	5
3 Maps: 1, 2, 3	80499-SC LITTLE FISHERMAN	407 N HARBOR BLVD SAN PEDRO	AIR-DIST-CA	Listed	0.03 N	0
4 Maps: 1, 2, 3	42613-SC L. A. MARINE HARDWARE	345 BEACON ST SAN PEDRO	AIR-DIST-CA	Listed	0.04 W	13
4 Maps: 1, 2, 3	502336-PD MARINE HARDWARE CO	345 N BEACON ST SAN PEDRO	Hist-Auto Repair	Listed	0.04 W	13

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MAP ID	ID/SITE NAME	ADDRESS	DATABASE	STATUS	DISTANCE (MILES)	ELEV DIFF (FEET)
4 Maps: 1, 2, 3	4019377 LOS ANGELES MARINE HARDWARE	345 N. BEACON SAN PEDRO	Hist-CalFID-CA	Listed	0.04 W	13
4 Maps: 1, 2, 3	7755128 1X MARINA HARDWARE COMPANY, INC.	345 N. BEACON SAN PEDRO	Hist-CalFID-CA	Listed	0.04 W	13
4 Maps: 1, 2, 3	206078 LOS ANGELES MARINE HARDWARE INC	345 N. BEACON ST. SAN PEDRO	Hist-Service Stations	Listed	0.04 W	13
4 Maps: 1, 2, 3	4019377 LOS ANGELES MARINE HARDWARE	345 N BEACON SAN PEDRO	Hist-USTReg-CA	Listed	0.04 W	13
4 Maps: 1, 2, 3	CAC001491728 MARINA HARDWARE COMPANY, INC.	345 NORTH BEACON SAN PEDRO	HWIS-CA	Listed	0.04 W	13
5 Maps: 1, 2, 3	SD0000194 FORMER ARCO BATTERY MFG	319-327 N HARBOR BLVD SAN PEDRO	SML-CA	Listed	0.04 SE	-1
5 Maps: 1, 2, 3	SD0010412 ARCO BATTERY	327 N HARBOR BLVD SAN PEDRO	SML-CA	Listed	0.04 SE	-1
6 Maps: 1, 2, 3	946625-PD SEA-A-MUSEUM LIKE SHOP	305 N HARBOR BLVD SAN PEDRO	Hist-Manufacturing	Listed	0.04 S	0
7 Maps: 1, 2, 3	CAC001271544 KAISER INTERNATIONAL	411 N HARBOR BLVD SAN PEDRO	HWIS-CA	Listed	0.05 N	0
8 Maps: 1, 2, 3	4520598C-CAC002567473 COST DIVING	305 BAECON ST SAN PEDRO	Hist-CA	No Longer Listed	0.06 SW	13
8 Maps: 1, 2, 3	4520598C-CAC002579552 COAST DIVING SERVICES	305 N BEACON ST SAN PEDRO	Hist-CA	No Longer Listed	0.06 SW	13
8 Maps: 1, 2, 3	CAC002579552 COAST DIVING SERVICES	305 N BEACON ST SAN PEDRO	HWIS-CA	Listed	0.06 SW	13

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MAP ID	ID/SITE NAME	ADDRESS	DATABASE	STATUS	DISTANCE (MILES)	ELEV DIFF (FEET)
8 Maps: 1, 2, 3	CAL000316916 COAST DIVING SERVICE, INC	305 N BEACON ST SAN PEDRO	HWIS-CA	Listed	0.06 SW	13
9 Maps: 1, 2, 3	CAR000187948 SANDOVAL TRUCKING	201 N BEACON ST SAN PEDRO	RCRA-NON-US	Listed	0.08 S	5
10 Maps: 1, 2, 3	606358-PD WEST MARINE INC	203 N HARBOR BLVD SAN PEDRO	Hist-Auto Repair	Listed	0.09 S	1
11 Maps: 1, 2, 3	418526 John S Gibson Blvd I 110 Freeway Access	515 North Beacon Street San Pedro	ENF-SMARTS-CA	Historical	0.11 N	1
11 Maps: 1, 2, 3	1245683 LOUISIANA-PACIFIC CORP YARD	515 N. BEACON ST SAN PEDRO	Hist-CalFID-CA	Listed	0.11 N	1
11 Maps: 1, 2, 3	7761575 1X CAL TRANS	515 N. BEACON ST SAN PEDRO	Hist-CalFID-CA	Listed	0.11 N	1
11 Maps: 1, 2, 3	246461 LOUISIANA-PACIFIC CORP	515 NO BEACON ST SAN PEDRO	Hist-UST-CA	Listed	0.11 N	1
11 Maps: 1, 2, 3	246462 LOUISIANA-PACIFIC CORP YARD O	515 NO BEACON STREET SAN PEDRO	Hist-UST-CA	Listed	0.11 N	1
11 Maps: 1, 2, 3	1245683 LOUISIANA-PACIFIC CORP YARD	515 N BEACON SAN PEDRO	Hist-USTReg-CA	Listed	0.11 N	1
12 Maps: 1, 2, 3	992648 Berth 100	425 Palos Verdes San Pedro	WDR-CA	Listed	0.11 NW	47
13 Maps: 1, 2, 3	19490232 EDISON/SAN PEDRO MGP	SANTA CRUZ ST. CENTREST AND PALOS VERDES SAN PEDRO	Cal-VCP-NFA	Listed	0.13 SW	13
14 Maps: 1, 2, 3	238061 LA PUMPING PLANT #67	530 N. HARBOR BLVD SAN PEDRO	Hist-CalFID-CA	Listed	0.15 N	-2
14 Maps: 1, 2, 3	CAD981986938 LA PUMPING PLANT #67	530 N HARBOR BLVD SAN PEDRO	RCRA-SQG-US	Listed	0.15 N	-2

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MAP ID	ID/SITE NAME	ADDRESS	DATABASE	STATUS	DISTANCE (MILES)	ELEV DIFF (FEET)
15 Maps: 1, 2, 3	94111-SC LOS ANGELE CITY, HARBOR DEPT	610 HARBOR BLVD SAN PEDRO	AIR-DIST-CA	Listed	0.16 N	-3
15 Maps: 1, 2, 3	4062180 CATALINA TERMINAL BERTH 95	610 HARBOR BLVD SAN PEDRO	Hist-LUSTIS-CA	Listed	0.16 N	-3
15 Maps: 1, 2, 3	907310071-UST CATALINA TERMINAL BERTH 95	610 HARBOR BLVD SAN PEDRO	HIST-R4-CA	Listed	0.16 N	-3
16 Maps: 1, 2, 3	7751554 1X TOM ANAST	100 W. 1ST ST SAN PEDRO	Hist-CalFID-CA	Listed	0.16 S	1
16 Maps: 1, 2, 3	7707813 1X ASHLAND CHEMICAL	100 W. 1ST ST SAN PEDRO	Hist-CalFID-CA	Listed	0.16 S	1
16 Maps: 1, 2, 3	7751555 TOM ANAST	100 W. 1ST ST SAN PEDRO	Hist-CalFID-CA	Listed	0.16 S	1
17 Maps: 1, 2, 3	61375-SC YIHE	LONG BEACH HARBOR BERTH 246 LONG BEACH	AIR-DIST-CA	Listed	0.17 S	-3
17 Maps: 1, 2, 3	40628-SC PACIFIC TEXAS PIPELINE CO	SOUTH LANDFILL OUTER HARBOR CARSON	AIR-DIST-CA	Listed	0.17 S	-3
17 Maps: 1, 2, 3	277181 WESTERN FUEL OIL COMPANY	NONE BERTH 120 LA HARBOR SAN PEDRO	Hist-UST-CA	Listed	0.17 S	-3
17 Maps: 1, 2, 3	CAD981455496 SAN PEDRO BOAT WORKS	BERTH 44 OUTER HARBOR SAN PEDRO	RCRA-SQG-US	Listed	0.17 S	-3
17 Maps: 1, 2, 3	SD0011055 LA HARBOR BERTH 115	0000 HARBOR BLVD SAN PEDRO	SML-CA	Listed	0.17 S	-3
17 Maps: 1, 2, 3	SD0011054 H-10 WATER TAXI COMPANY	0000 BERTH 87, LA HARBOR SAN PEDRO	SML-CA	Listed	0.17 S	-3
18 Maps: 1, 2, 3	4945802 TOWN GAS PLANT SAN PEDRO	SANTA CRUZ ST. CENTREST	Hist-Regional-Other-CA	Listed	0.2 SW	28

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MAP ID	ID/SITE NAME	ADDRESS	DATABASE	STATUS	DISTANCE (MILES)	ELEV DIFF (FEET)
19 Maps: 1, 2, 3	4016179 TOM ANAST	100 W 1ST SAN PEDRO	Hist-USTReg-CA	Listed	0.2 S	-6
20 Maps: 1, 2, 3	163131-SC WORLD CRUISE TERMINAL	500 N FRONT ST SAN PEDRO	AIR-DIST-CA	Listed	0.21 N	-4
21 Maps: 1, 2, 3	CAD981987704 LA PUMPING PLANT #91	675 FRONT ST LOS ANGELES	RCRA-SQG-US	Listed	0.21 N	-4
22 Maps: 1, 2, 3	1625 UNITED DRAIN OIL	273 W. SANTA CRUZ STREET SAN PEDRO	HWT-CA	Listed	0.22 SW	42
23 Maps: 1, 2, 3	267396 STAR-KIST FOODS INC PLANT 1	181 FISH HARBOR WHARF TERMINAL ISLAND	Hist-UST-CA	Listed	0.23 S	-3
24 Maps: 1, 2, 3	214360 ARMED FORCES RESERVE CENTER	NONE ARMED FORCES RESERVE CENTER LOS ALAMITOS	Hist-UST-CA	Listed	0.23 SW	48
24 Maps: 1, 2, 3	246163 LOS ALAMITOS ARMED FORCES RESE	NONE ARMED FORCES RESERVE CENTER LOS ALAMITOS	Hist-UST-CA	Listed	0.23 SW	48
24 Maps: 1, 2, 3	214361 ARMED FORCES RESERVE CENTER L	NONE ARMED FORCES RESERVE CENTER LOS ALAMITOS	Hist-UST-CA	Listed	0.23 SW	48
25 Maps: 1, 2, 3	63163-SC M/S ROYAL PRINCESS C/O PRINCESS CRUISES	BERTH 91 SAN PEDRO	AIR-DIST-CA	Listed	0.23 N	-8
26 Maps: 1, 2, 3	74063-SC LOS ANGELES HARBOR	BERTH 93B SAN PEDRO	AIR-DIST-CA	Listed	0.24 N	-9
26 Maps: 1, 2, 3	56359-SC ADMIRAL CRUISES - AZURE SEAS	BERTH 93A SAN PEDRO	AIR-DIST-CA	Listed	0.24 N	-9
27 Maps: 1, 2, 3	76403-SC CITY OF LA, BOS,WASTEWATER COLL SYS DIV	675 FRONT ST (PP # 691) SAN PEDRO	AIR-DIST-CA	Listed	0.24 N	-6

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MAP ID	ID/SITE NAME	ADDRESS	DATABASE	STATUS	DISTANCE (MILES)	ELEV DIFF (FEET)
28 Maps: 1, 2, 3	92944-SC LOS ANGELES CITY, HARBOR DEPT	710 FRONT ST SAN PEDRO	AIR-DIST-CA	Listed	0.24 N	-3
28 Maps: 1, 2, 3	9060375079 TODD PACIFIC SHIPYARDS	710 FRONT ST SAN PEDRO	ALLFACS-IL	Listed	0.24 N	-3
28 Maps: 1, 2, 3	425696 TODD PACIFIC SHIPYARDS CORPORATION	710 N. FRONT ST SAN PEDRO	Hist-CalFID-CA	Listed	0.24 N	-3
28 Maps: 1, 2, 3	7746769 TODD PACIFIC	710 N. FRONT ST SAN PEDRO	Hist-CalFID-CA	Listed	0.24 N	-3
28 Maps: 1, 2, 3	3078404 TODD SHIP YARDS CORP	710 N. FRONT ST SAN PEDRO	Hist-CalFID-CA	Listed	0.24 N	-3
28 Maps: 1, 2, 3	7746768 1X CACI	710 N. FRONT ST SAN PEDRO	Hist-CalFID-CA	Listed	0.24 N	-3
28 Maps: 1, 2, 3	3078404 TODD SHIPYARD	710 FRONT SAN PEDRO	Hist-HWS-CA	Listed	0.24 N	-3
28 Maps: 1, 2, 3	3078404 TODD SHIPYARD	710 FRONT ST N TERMINAL ISLAND	Hist-LUSTIS-CA	Listed	0.24 N	-3
28 Maps: 1, 2, 3	271085 TODD PACIFIC SHIPYARDS CORPORA	710 N FRONT STREET SAN PEDRO	Hist-UST-CA	Listed	0.24 N	-3
28 Maps: 1, 2, 3	CAD008350332 TODD PACIFIC SHIPYARDS CORPORATION	710 N FRONT ST SAN PEDRO	RCRA-NON-US	Listed	0.24 N	-3
29 Maps: 1, 2, 3	989008 Catalina Cruise Terminal	1510 Swinford Street Berth 95 San Pedro	WDR-CA	Listed	0.24 N	-9
30 Maps: 1, 2, 3	138419-SC TWO HARBORS ENTERPRISES, INC	TWO HARBORS AVALON	AIR-DIST-CA	Listed	0.25 S	9

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MAP ID	ID/SITE NAME	ADDRESS	DATABASE	STATUS	DISTANCE (MILES)	ELEV DIFF (FEET)
30 Maps: 1, 2, 3	172911-SC SANTA CATALINA ISLAND RESORT SERVICES, I	TWO HARBORS AVALON	AIR-DIST-CA	Listed	0.25 S	9
30 Maps: 1, 2, 3	172915-SC SANTA CATALINA ISLAND RESORT SERVICES, I	TWO HARBORS ISTHMUS AVALON	AIR-DIST-CA	Listed	0.25 S	9
30 Maps: 1, 2, 3	3646 Site Name Not Reported	BERTHS 171-173 TANK FARM #2 WILMINGTON	AST-CA	Listed	0.25 S	9
30 Maps: 1, 2, 3	3650 Site Name Not Reported	BERTHS 171-173 TANK FARM #2 WILMINGTON	AST-CA	Listed	0.25 S	9
30 Maps: 1, 2, 3	3653 Site Name Not Reported	BERTHS 171-173 TANK FARM #2 WILMINGTON	AST-CA	Listed	0.25 S	9
30 Maps: 1, 2, 3	3817 Site Name Not Reported	BERTHS 171-173 TANK FARM #2 WILMINGTON	AST-CA	Listed	0.25 S	9
30 Maps: 1, 2, 3	3844 Site Name Not Reported	BERTHS 171-173 TANK FARM #2 WILMINGTON	AST-CA	Listed	0.25 S	9
30 Maps: 1, 2, 3	3845 Site Name Not Reported	BERTHS 171-173 TANK FARM #2 WILMINGTON	AST-CA	Listed	0.25 S	9
31 Maps: 1, 3	SLT4L8011872 PORT OF LOS ANGELES - TODD SHIPYARD	100 REGAN ST. LOS ANGELES	SLIC-Open-CA	Open - Inactive	0.26 N	-6
32 Maps: 1, 3	SL2043J1566 PORT OF LOS ANGELES - BERTHS 142-143	142-144 BERTHS SAN PEDRO	SLIC-Open-CA	Open - Assessment & Interim Remedial Action	0.29 N	-10
33 Maps: 1, 3	SLT4307169 UNOCAL MARINE TERMINAL	No Numbers BERTHS 148-151 LOS ANGELES	SLIC-Open-CA	Open - Assessment & Interim Remedial Action	0.29 N	-10
33 Maps: 1, 3	SLT4229a1784 SHELL - MORMON ISLAND	N/A BERTHS 157 - 169 LOS ANGELES	SLIC-Open-CA	Open - Remediation	0.29 N	-10

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MAP ID	ID/SITE NAME	ADDRESS	DATABASE	STATUS	DISTANCE (MILES)	ELEV DIFF (FEET)
34 Maps: 1, 3	SLT43198196 FORMER NATIONAL METALS & STEEL CORP.	BERTHS 212-213 SAN PEDRO	SLIC-Open-CA	Open - Inactive	0.29 N	-9
35 Maps: 1, 3	T10000003711 Former Union Oil Harbor Pipelines	N/A Front Street San Pedro	SLIC-Open-CA	Open - Assessment & Interim Remedial Action	0.31 N	-6
36 Maps: 1, 3	SD0010341 TODD SHIPYARDS	701 FRONT ST SAN PEDRO	SML-CA	Listed	0.31 N	-7
37 Maps: 1, 3	SL0603707909 FORMER CHEVRON MARINE TERMINAL	1510 SWINFORD STREET SAN PEDRO	SLIC-Open-CA	Open - Assessment & Interim Remedial Action	0.31 NE	-9
38 Maps: 1, 3	19440005 PORT OF LOS ANGELES BERTH 174	425 SOUTH PALOS VERDES STREET SAN PEDRO	Cal-Eval-Hist	Listed	0.38 S	14
38 Maps: 1, 3	9060376612 PORT OF LOS ANGELES	425 S PALOS VERDES ST SAN PEDRO	ALLFACS-IL	Listed	0.38 S	14
38 Maps: 1, 3	SD0011059 PORT OF LA BERTH 174	425 S PALOS VERDES ST SAN PEDRO	SML-CA	Listed	0.4 S	14
39 Maps: 1, 3	CAD982403370 PLAZA AUTOMOTIVE CENTER	505 NORTH PACIFIC AVE SAN PEDRO	CERCLIS-Archived-US	NFRAP-Site does not qualify for the NPL based on existing information	0.46 W	56
39 Maps: 1, 3	19750082 PLAZA AUTOMOTIVE CENTER	505 NORTH PACIFIC AVENUE SAN PEDRO	Cal-Eval-Hist	Listed	0.48 W	56
39 Maps: 1, 3	19750082 PLAZA AUTOMOTIVE CENTER	505 NORTH PACIFIC AVENUE SAN PEDRO	Historical-CA	Listed	0.48 W	56
39 Maps: 1, 3	SD0011825 PLAZA AUTOMOTIVE CENTER	505 N PACIFIC AVE SAN PEDRO	SML-CA	Listed	0.49 NW	56

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MAP ID	ID/SITE NAME	ADDRESS	DATABASE	STATUS	DISTANCE (MILES)	ELEV DIFF (FEET)
40 Maps: 1, 3	60000408 RICHARDS CLEANERS	538 WEST 5TH STREET SAN PEDRO	Cal-State-Response-Active	Listed	0.65 SW	64
40 Maps: 1, 3	60000408 RICHARDS CLEANERS	538 WEST 5TH STREET SAN PEDRO	Response-CA	ACTIVE	0.65 SW	64
41 Maps: 1, 3	80000484 TERMINAL ISL BAR BAL A	Not Reported by Agency	Cal-Military-Other	Listed	0.81 E	-15

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POTENTIAL AREAS OF CONCERN/CONTAMINATION SUMMARY

DATABASE SEARCHED	SUBJECT SITE WITHIN POTENTIAL AREA OF CONCERN	AREAS FOUND WITHIN 1-MILE RADIUS
NPL-R9-US	No	0
MethaneLF-CA	No	0
LA-LF-CA	No	0
Military-Bases-US	No	0
SGV-Deep-Plumes-CA	No	0
SGV-Shallow-Plumes-Puente-Valley-CA	No	0
SGV-Shallow-Plumes-CA	No	0

DATABASE OCCURRENCE SUMMARY

HIGH RISK* OCCURRENCES IDENTIFIED IN REQUESTED SEARCH RADIUS		
DATABASE SEARCHED	DISTANCE SEARCHED (MILES)	HIGH RISK OCCURRENCES FOUND
Cal-CorAct-Open-CA	0.5	0
Cal-Military-Active	1	0
Cal-School-Active	0.5	0
Cal-State-Response-Active	1	1
Cal-Superfund-Active	1	0
Cal-VCP-Active	0.5	0
CERCLIS-US	0.5	0
County-LUST-Open-CA	0.5	0
County-SLIC-Open-CA	0.5	0
LUST-Open-CA	0.5	0
NPL-US	1	0
Proposed-NPL-US	1	0
Response-CA	1	1
SAA-Agreements-US	1	0
SLIC-Open-CA	0.5	7
Tribal-LUST-Open-Reg9	0.5	0
UST-Cleanup-CA	0.5	0

* For the purposes of this report, “high risk” occurrences are those that have known contamination and have not received a “case closed” or “no further action” status from the agency that maintains the records.

ASTM/AAI STANDARD RECORD SOURCES SUMMARY				
STANDARD ENVIRONMENTAL RECORD SOURCES	ASTM MIN. SEARCH DIST. / ERS SEARCH DIST. (MILES)	ERS DATABASE NAME	TOTAL LISTINGS	MAP ID #’S
Federal NPL site list	1.0 / 1.0	NPL-US	0	None Listed
		Proposed-NPL-US	0	None Listed
Federal Delisted NPL site list	0.5 / 1.0	Delisted-NPL-US	0	None Listed

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Federal CERCLIS list	0.5 / 0.5	CERCLIS-US	0	None Listed
Federal CERCLIS NFRAP site list	0.5 / 0.5	CERCLIS-Archived-US	1	39
Federal RCRA CORRACTS facilities list	1.0 / 1.0	RCRA-COR-US	0	None Listed
Federal RCRA non-CORRACTS TSD facilities list	0.5 / 0.5	RCRA-TSD-US	0	None Listed
Federal RCRA generators list	Property and adjoining properties / 0.25	RCRA-CESQG-US	0	None Listed
		RCRA-LQG-US	0	None Listed
		RCRA-NON-US	2	9, 28
		RCRA-SQG-US	4	1, 14, 17, 21
Federal Inst/Eng control registries	Property Only / 0.25	Controls-RCRA-US	0	None Listed
		Controls-US	0	None Listed
		Hist-US-EC	0	None Listed
		Hist-US-IC	0	None Listed
		LIENS-US	0	None Listed
Federal ERNS list	Property Only / 0.0625	ERNS-US	0	None Listed
State and Tribal-Equivalent NPL	1.0 / 1.0	Cal-State-Response-Active	1	40
		Cal-State-Response-NFA	0	None Listed
		Cal-State-Response-Other	0	None Listed
		Response-CA	1	40
State and Tribal-Equivalent CERCLIS	0.5 / 0.5	Cal-Superfund-Active	0	None Listed
		Cal-Superfund-NFA	0	None Listed
		Cal-Superfund-Other	0	None Listed
State and Tribal landfill and/or solid waste disposal sites	0.5 / 0.5	County-SWF-CA	0	None Listed
		Debris-US	0	None Listed
		Hist-Dumps-US	0	None Listed
		Hist-SWF-CA	0	None Listed
		Land-Disposal-CA	0	None Listed
		SWIS-CA	0	None Listed
		SWLF-US	0	None Listed
		Tribal-ODI-US	0	None Listed
State and Tribal Leaking Storage Tank Lists	0.5 / 0.5	County-LUST-CA	0	None Listed
		County-LUST-Closed-CA	0	None Listed
		County-LUST-Open-CA	0	None Listed
		LUST-Closed-CA	0	None Listed
		LUST-Open-CA	0	None Listed
		Tribal-LUST-Closed-Reg9	0	None Listed
		Tribal-LUST-Open-	0	None Listed

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		Reg9		
		UST-Cleanup-CA	0	None Listed
State and Tribal Registered Storage Tank Lists	Property and adjoining properties / 0.25	AST-CA	6	30, 30, 30, 30, 30, 30
		City-AST-CA	0	None Listed
		City-UST-CA	0	None Listed
		County-AST-CA	0	None Listed
		County-UST-CA	0	None Listed
		FEMA-UST-US	0	None Listed
		Hist-UST-CA	9	2, 11, 11, 17, 23, 24, 24, 24, 28
		Tribal-UST-Reg9	0	None Listed
		UST-Abandoned-CA	0	None Listed
		UST-CA	0	None Listed
		UST-Closed-CA	0	None Listed
		USTComp-CA	0	None Listed
		UST-Priority-CA	0	None Listed
		UST-Proposed-CA	0	None Listed
State and Tribal Inst/Eng Control Registries	Property Only / 0.5	Controls-CA	0	None Listed
		Deed-CA	0	None Listed
		Hist-Controls-CA	0	None Listed
		Liens-CA	0	None Listed
State and Tribal Voluntary Cleanup Sites	0.5 / 0.5	Cal-Eval-Hist	2	38, 39
		Cal-Eval-Hist-NFA	0	None Listed
		Cal-Military-Active	0	None Listed
		Cal-Military-NFA	0	None Listed
		Cal-Military-Other	1	41
		Cal-School-Active	0	None Listed
		Cal-School-NFA	0	None Listed
		Cal-School-Other	0	None Listed
		Cal-VCP-Active	0	None Listed
		Cal-VCP-NFA	1	13
		Cal-VCP-Other	0	None Listed
		Tribal-VCP-US	0	None Listed
State and Tribal Brownfield Sites	0.5 / 0.5	BF-US	0	None Listed
		Tribal-BF-US	0	None Listed

FEDERAL ASTM/AAI DATABASES							
DATABASE SEARCHED	DISTANCE SEARCHED	SUBJECT SITE	0.125 MILES	0.25 MILES	0.5 MILES	1.0 MILES	TOTAL
BF-US	0.5	0	0	0	0	-	0
CERCLIS-Archived-US	0.5	0	0	0	1	-	1
CERCLIS-US	0.5	0	0	0	0	-	0
Controls-RCRA-US	0.5	0	0	0	0	-	0
Controls-US	0.5	0	0	0	0	-	0

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FEDERAL ASTM/AAI DATABASES							
DATABASE SEARCHED	DISTANCE SEARCHED	SUBJECT SITE	0.125 MILES	0.25 MILES	0.5 MILES	1.0 MILES	TOTAL
Debris-US	0.5	0	0	0	0	-	0
Delisted-NPL-US	1	0	0	0	0	0	0
ERNS-US	0.0625	0	0	-	-	-	0
FEMA-UST-US	0.25	0	0	0	-	-	0
FTTS-ENF-US	0.0625	0	0	-	-	-	0
Hist-Dumps-US	0.5	0	0	0	0	-	0
Hist-US-EC	0.5	0	0	0	0	-	0
Hist-US-IC	0.5	0	0	0	0	-	0
HMIS-US	0.0625	0	0	-	-	-	0
LIENS-US	0.0625	0	0	-	-	-	0
NPL-US	1	0	0	0	0	0	0
PADS-US	0.0625	0	0	-	-	-	0
PCB-US	0.25	0	0	0	-	-	0
Proposed-NPL-US	1	0	0	0	0	0	0
RCRA-CESQG-US	0.25	0	0	0	-	-	0
RCRA-COR-US	1	0	0	0	0	0	0
RCRA-LQG-US	0.25	0	0	0	-	-	0
RCRA-NON-US	0.25	0	1	1	-	-	2
RCRA-SQG-US	0.25	0	1	3	-	-	4
RCRA-TSD-US	0.5	0	0	0	0	-	0
SAA-Agreements-US	1	0	0	0	0	0	0
SWLF-US	0.5	0	0	0	0	-	0
Tribal-BF-US	0.5	0	0	0	0	-	0
Tribal-LUST-Closed-Reg9	0.5	0	0	0	0	-	0
Tribal-LUST-Open-Reg9	0.5	0	0	0	0	-	0
Tribal-ODI-US	0.5	0	0	0	0	-	0
Tribal-UST-Reg9	0.25	0	0	0	-	-	0
Tribal-VCP-US	0.5	0	0	0	0	-	0

STATE ASTM/AAI DATABASES							
DATABASE SEARCHED	DISTANCE SEARCHED	SUBJECT SITE	0.125 MILES	0.25 MILES	0.5 MILES	1.0 MILES	TOTAL
AST-CA	0.25	0	0	6	-	-	6
Cal-BZ-HazWaste-CA	0.5	0	0	0	0	-	0
Cal-CorAct-Closed-CA	0.5	0	0	0	0	-	0
Cal-CorAct-Open-CA	0.5	0	0	0	0	-	0
Cal-Eval-Hist	0.5	0	0	0	2	-	2
Cal-Eval-Hist-NFA	0.5	0	0	0	0	-	0
Cal-Military-Active	1	0	0	0	0	0	0
Cal-Military-NFA	0.5	0	0	0	0	-	0
Cal-Military-Other	1	0	0	0	0	1	1
Cal-School-Active	0.5	0	0	0	0	-	0
Cal-School-NFA	0.5	0	0	0	0	-	0
Cal-School-Other	0.5	0	0	0	0	-	0
Cal-State-Response-Active	1	0	0	0	0	1	1
Cal-State-Response-NFA	0.5	0	0	0	0	-	0
Cal-State-Response-Other	0.5	0	0	0	0	-	0
Cal-Superfund-Active	1	0	0	0	0	0	0
Cal-Superfund-NFA	1	0	0	0	0	0	0
Cal-Superfund-Other	1	0	0	0	0	0	0
Cal-VCP-Active	0.5	0	0	0	0	-	0
Cal-VCP-NFA	0.5	0	1	0	0	-	1
Cal-VCP-Other	0.5	0	0	0	0	-	0

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STATE ASTM/AAI DATABASES							
DATABASE SEARCHED	DISTANCE SEARCHED	SUBJECT SITE	0.125 MILES	0.25 MILES	0.5 MILES	1.0 MILES	TOTAL
CBF-CA	0.5	0	0	0	0	-	0
CERS-CA	0.25	0	0	0	-	-	0
CHMIRS-CA	0.0625	0	0	-	-	-	0
City-AST-CA	0.25	0	0	0	-	-	0
City-CUPA-CA	0.25	0	0	0	-	-	0
City-Others-CA	0.25	0	0	0	-	-	0
City-UST-CA	0.25	0	0	0	-	-	0
Controls-CA	0.5	0	0	0	0	-	0
CORTESE-CA	0.25	0	0	0	-	-	0
County-AST-CA	0.25	0	0	0	-	-	0
County-Hist-CA	0.25	0	0	0	-	-	0
County-LUST-CA	0.5	0	0	0	0	-	0
County-LUST-Closed-CA	0.5	0	0	0	0	-	0
County-LUST-Open-CA	0.5	0	0	0	0	-	0
County-Others-CA	0.25	0	0	0	-	-	0
County-SLIC-Closed-CA	0.25	0	0	0	-	-	0
County-SLIC-Open-CA	0.5	0	0	0	0	-	0
County-SML-CA	0.5	0	0	0	0	-	0
County-SWF-CA	0.5	0	0	0	0	-	0
County-UST-CA	0.25	0	0	0	-	-	0
CUPA-CA	0.25	0	0	0	-	-	0
Deed-CA	0.5	0	0	0	0	-	0
ENF-CA	0.25	0	0	0	-	-	0
ENF-SMARTS-CA	0.25	0	1	0	-	-	1
ENF-Wastewater-CA	0.25	0	0	0	-	-	0
HazWaste-CA	0.25	0	0	0	-	-	0
Hist-Controls-CA	0.5	0	0	0	0	-	0
Hist-Cort-CA	0.25	0	0	0	-	-	0
HIST-R4-CA	0.25	0	0	1	-	-	1
Hist-SWF-CA	0.5	0	0	0	0	-	0
Hist-UST-CA	0.25	0	3	6	-	-	9
Hist-WIP-Active-CA	0.5	0	0	0	0	-	0
Hist-WIP-Backlog-CA	0.5	0	0	0	0	-	0
Hist-WIP-Historical-CA	0.5	0	0	0	0	-	0
HWIS-CA	0.0625	0	5	-	-	-	5
ICE-CA	0.25	0	0	0	-	-	0
Land-Disposal-CA	0.5	0	0	0	0	-	0
Liens-CA	0.0625	0	0	-	-	-	0
LUST-Closed-CA	0.25	0	0	0	-	-	0
LUST-Open-CA	0.5	0	0	0	0	-	0
Manifest2-RI	0.0625	0	0	-	-	-	0
PR-MOA-CA	0.25	0	0	0	-	-	0
Response-CA	1	0	0	0	0	1	1
SLIC-Closed-CA	0.5	0	0	0	0	-	0
SLIC-CV-CLOSED-CA	0.5	0	0	0	0	-	0
SLIC-CV-OPEN-CA	0.5	0	0	0	0	-	0
SLIC-Open-CA	0.5	0	0	1	6	-	7
SML-CA	0.5	0	2	2	3	-	7
SWIS-CA	0.5	0	0	0	0	-	0
SWRCY-CA	0.5	0	0	0	0	-	0
UST-Abandoned-CA	0.25	0	0	0	-	-	0
UST-CA	0.25	0	0	0	-	-	0
UST-Cleanup-CA	0.5	0	0	0	0	-	0
UST-Closed-CA	0.25	0	0	0	-	-	0
USTComp-CA	0.25	0	0	0	-	-	0

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STATE ASTM/AAI DATABASES							
DATABASE SEARCHED	DISTANCE SEARCHED	SUBJECT SITE	0.125 MILES	0.25 MILES	0.5 MILES	1.0 MILES	TOTAL
UST-Priority-CA	0.5	0	0	0	0	-	0
UST-Proposed-CA	0.25	0	0	0	-	-	0

SUPPLEMENTAL DATABASES							
DATABASE SEARCHED	DISTANCE SEARCHED	SUBJECT SITE	0.125 MILES	0.25 MILES	0.5 MILES	1.0 MILES	TOTAL
Air-CA	0.25	0	0	0	-	-	0
AIR-DIST-CA	0.25	0	3	12	-	-	15
ALLFACS-IL	0.5	0	0	1	1	-	2
BioFuel-US	0.25	0	0	0	-	-	0
Cal-Mortgage-CA	0.25	0	0	0	-	-	0
Cal-TierPer-CA	0.25	0	0	0	-	-	0
CDL-CA	0.0625	0	0	-	-	-	0
CDL-US	0.0625	0	0	-	-	-	0
CHWF-CA	0.5	0	0	0	0	-	0
Coal-Ash-Dams-US	0.5	0	0	0	0	-	0
County-BI-CA	0.25	0	0	0	-	-	0
Dams-CA	0.25	0	0	0	-	-	0
DCF2-CA	0.25	0	0	0	-	-	0
DPR-CA	0.25	0	0	0	-	-	0
DryCleaners-CA	0.25	0	0	0	-	-	0
EGRID-US	0.5	0	0	0	0	-	0
EPA-Watch-List-US	0.25	0	0	0	-	-	0
FA-HW-CA	0.0625	0	0	-	-	-	0
FA-HW-US	0.0625	0	0	-	-	-	0
FA-SWF-CA	0.0625	0	0	-	-	-	0
FRS-US	0.0625	0	1	-	-	-	1
FTTS-INSP-US	0.0625	0	0	-	-	-	0
FUDS-US	1	0	0	0	0	0	0
Haulers-CA	0.0625	0	0	-	-	-	0
Hist-AFS2-US	0.25	0	0	0	-	-	0
Hist-AFS-US	0.25	0	0	0	-	-	0
Hist-AST-CA	0.25	0	0	0	-	-	0
Hist-AWS-CA	0.25	0	0	0	-	-	0
Hist-CA	0.0625	0	2	-	-	-	2
Hist-CalFID-CA	0.25	0	6	8	-	-	14
Hist-CALSITES-CA	0.25	0	0	0	-	-	0
Hist-CERCLIS-NFRAP-US	0.25	0	0	0	-	-	0
Hist-CERCLIS-US	0.25	0	0	0	-	-	0
Hist-City-UST-CA	0.25	0	0	0	-	-	0
Hist-Deed-CA	0.25	0	0	0	-	-	0
Hist-DTG-CA	0.25	0	0	0	-	-	0
Hist-ERNS-US	0.25	0	0	0	-	-	0
Hist-FIFRA-US	0.25	0	0	0	-	-	0
Hist-FINDS-US	0.0625	0	1	-	-	-	1
Hist-HWS-CA	0.25	0	0	1	-	-	1
Hist-LUSTIS-CA	0.25	0	0	2	-	-	2
HIST-MLTS-US	0.25	0	0	0	-	-	0
HIST-MTBE-CA	0.25	0	0	0	-	-	0
Hist-NPL-US	0.25	0	0	0	-	-	0
Hist-Orange-County-LF-CA	0.25	0	0	0	-	-	0
Historical-CA	0.5	0	0	0	1	-	1
Hist-Prop65-CA	0.25	0	0	0	-	-	0

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SUPPLEMENTAL DATABASES							
DATABASE SEARCHED	DISTANCE SEARCHED	SUBJECT SITE	0.125 MILES	0.25 MILES	0.5 MILES	1.0 MILES	TOTAL
Hist-RCRIS-US	0.25	0	0	0	-	-	0
Hist-Regional-LUST-CA	0.25	0	0	0	-	-	0
Hist-Regional-Other-CA	0.25	0	0	1	-	-	1
Hist-Regional-SLIC-CA	0.25	0	0	0	-	-	0
Hist-Regional-Spills-CA	0.25	0	0	0	-	-	0
Hist-Regional-SWLF-CA	0.25	0	0	0	-	-	0
Hist-Regional-UST-CA	0.25	0	0	0	-	-	0
Hist-SCL-CA	0.25	0	0	0	-	-	0
Hist-SWIS-CA	0.25	0	0	0	-	-	0
Hist-ToxicPits-CA	0.25	0	0	0	-	-	0
Hist-TRIS-US	0.25	0	0	0	-	-	0
Hist-US	0.0625	0	0	-	-	-	0
Hist-USGS-WaterWells-CA	0.0625	0	0	-	-	-	0
Hist-USTReg-CA	0.25	0	2	1	-	-	3
Hist-WaterWells-US	0.0625	0	0	-	-	-	0
Hist-WMUDS-CA	0.25	0	0	0	-	-	0
HWT-CA	0.25	0	0	1	-	-	1
ICIS-Air-US	0.0625	0	0	-	-	-	0
ICIS-FEC-US	0.0625	0	0	-	-	-	0
ICIS-NPDES-US	0.0625	0	0	-	-	-	0
LA-Waste-Haulers-CA	0.0625	0	0	-	-	-	0
Lead-Smelter-2-US	0.25	0	0	0	-	-	0
Lead-US	0.25	0	0	0	-	-	0
LMOP-US	0.5	0	0	0	0	-	0
Mines2-CA	0.0625	0	0	-	-	-	0
Mines-CA	0.0625	0	0	-	-	-	0
MINES-US	0.0625	0	0	-	-	-	0
MLTS-US	0.0625	0	0	-	-	-	0
MRDS-US	0.25	0	0	0	-	-	0
MWMP-CA	0.25	0	0	0	-	-	0
NEI-LF-CA	0.25	0	0	0	-	-	0
NPDES-CA	0.0625	0	0	-	-	-	0
NPDES-SW-CA	0.0625	0	0	-	-	-	0
OGM-CA	0.0625	0	0	-	-	-	0
OGW-CA	0.0625	0	0	-	-	-	0
OSCF-CA	0.5	0	0	0	0	-	0
PCS-US	0.25	0	0	0	-	-	0
Perch1-CA	0.25	0	0	0	-	-	0
Perch2-CA	0.25	0	0	0	-	-	0
RADINFO-US	0.0625	0	0	-	-	-	0
RFG-Lab-US	0.25	0	0	0	-	-	0
RMP-US	0.0625	0	0	-	-	-	0
ROD-US	0.5	0	0	0	0	-	0
SDWIS-US	0.25	0	0	0	-	-	0
Spills-SSO-CA	0.25	0	0	0	-	-	0
SSTS-US	0.0625	0	0	-	-	-	0
Tribal-Air-US	0.25	0	0	0	-	-	0
TRIS2000-US	0.0625	0	0	-	-	-	0
TRIS2010-US	0.0625	0	0	-	-	-	0
TRIS80-US	0.0625	0	0	-	-	-	0
TRIS90-US	0.0625	0	0	-	-	-	0
TSCA-US	0.0625	0	0	-	-	-	0
UIC2-CA	0.0625	0	0	-	-	-	0
UIC-CA	0.0625	0	0	-	-	-	0
UMTRA-US	0.0625	0	0	-	-	-	0

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SUPPLEMENTAL DATABASES							
DATABASE SEARCHED	DISTANCE SEARCHED	SUBJECT SITE	0.125 MILES	0.25 MILES	0.5 MILES	1.0 MILES	TOTAL
USGS-Waterwells-US	0.0625	0	0	-	-	-	0
Vapor-Intrusions-US	0.5	0	0	0	0	-	0
WDR-CA	0.25	0	1	1	-	-	2
Wells-CA	0.0625	0	0	-	-	-	0

PROPRIETARY HISTORIC DATABASES							
DATABASE SEARCHED	DISTANCE SEARCHED	SUBJECT SITE	0.125 MILES	0.25 MILES	0.5 MILES	1.0 MILES	TOTAL
Hist-Agriculture	0.0625	0	0	-	-	-	0
Hist-Auto Dealers	0.0625	0	0	-	-	-	0
Hist-Auto Repair	0.25	0	2	0	-	-	2
Hist-Chemical Manufacturing	0.0625	0	0	-	-	-	0
Hist-Chemical-Storage	0.0625	0	0	-	-	-	0
Hist-Cleaners	0.25	0	0	0	-	-	0
Hist-Convenience	0.0625	0	0	-	-	-	0
Hist-Disposal-Recycle	0.0625	0	0	-	-	-	0
Hist-Food-Processors	0.0625	0	0	-	-	-	0
Hist-Gun-Ranges	0.0625	0	0	-	-	-	0
Hist-Machine Shop	0.0625	0	0	-	-	-	0
Hist-Manufacturing	0.0625	0	1	-	-	-	1
Hist-Metal Plating	0.0625	0	0	-	-	-	0
Hist-Mining	0.0625	0	0	-	-	-	0
Hist-Mortuaries	0.0625	0	0	-	-	-	0
Hist-Oil-Gas	0.0625	0	0	-	-	-	0
Hist-OilGas-Refiners	0.0625	0	0	-	-	-	0
Hist-Other	0.0625	0	0	-	-	-	0
Hist-Paint-Stores	0.0625	0	0	-	-	-	0
Hist-Petroleum	0.0625	0	0	-	-	-	0
Hist-Post-Offices	0.0625	0	0	-	-	-	0
Hist-Printers	0.0625	0	0	-	-	-	0
Hist-Rental	0.0625	0	0	-	-	-	0
Hist-RV-Dealers	0.0625	0	0	-	-	-	0
Hist-Salvage	0.0625	0	0	-	-	-	0
Hist-Service Stations	0.25	0	1	0	-	-	1
Hist-Steel-Metals	0.0625	0	0	-	-	-	0
Hist-Textile	0.0625	0	0	-	-	-	0
Hist-Transportation	0.0625	0	0	-	-	-	0
Hist-Trucking	0.0625	0	0	-	-	-	0
Hist-Vehicle-Parts	0.0625	0	2	-	-	-	2
Hist-Vehicle-Washing	0.0625	0	0	-	-	-	0

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SITE LOCATION TOPOGRAPHIC MAP

U.S. Geological Survey. San Pedro (2015-03-23) Quadrangle, 7.5 Minute Series

Environ Phase Consulting Co.	327 North Harbor Boulevard;332 North Beacon Street Los Angeles, CA 90731	FIGURE: JOB: DATE:	1 2104678400 12/20/2016

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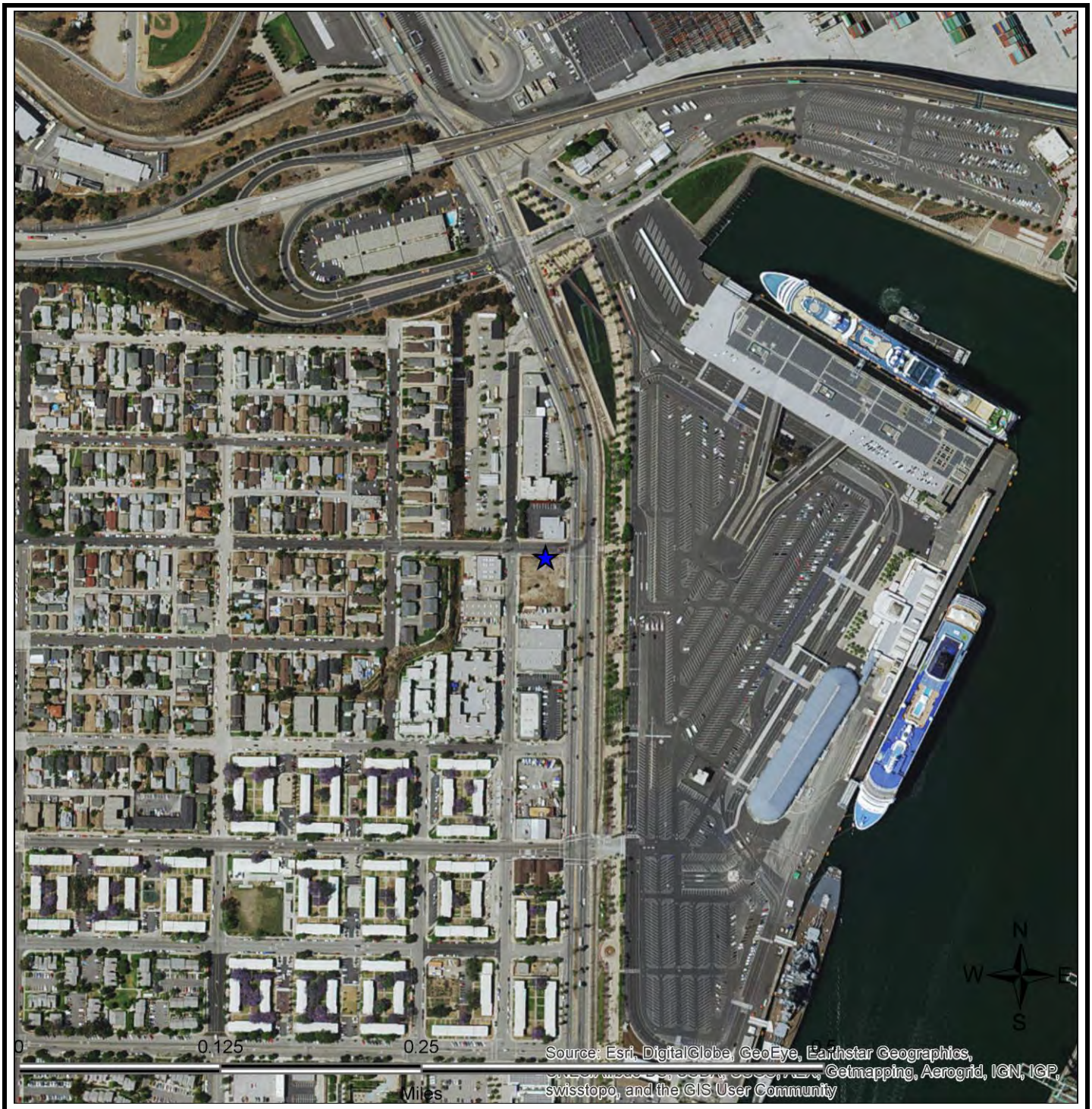

SITE LOCATION MAP

Environ Phase Consulting Co.	327 North Harbor Boulevard;332 North Beacon Street Los Angeles, CA 90731	FIGURE: 2 JOB: 2104678400 DATE: 12/20/2016

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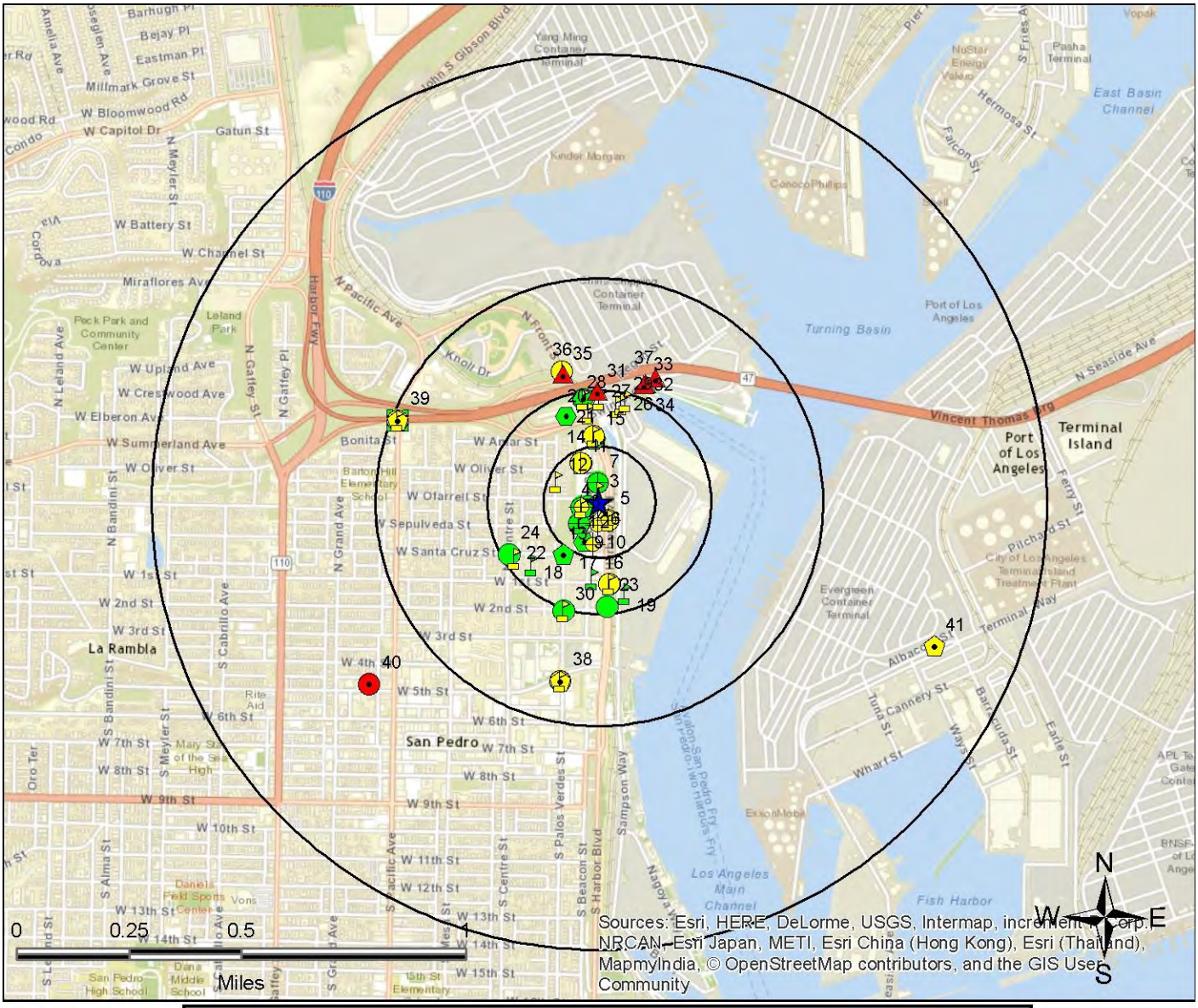
1-MILE RADIUS STREET MAP W/OCCURRENCES (MAP1)



All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

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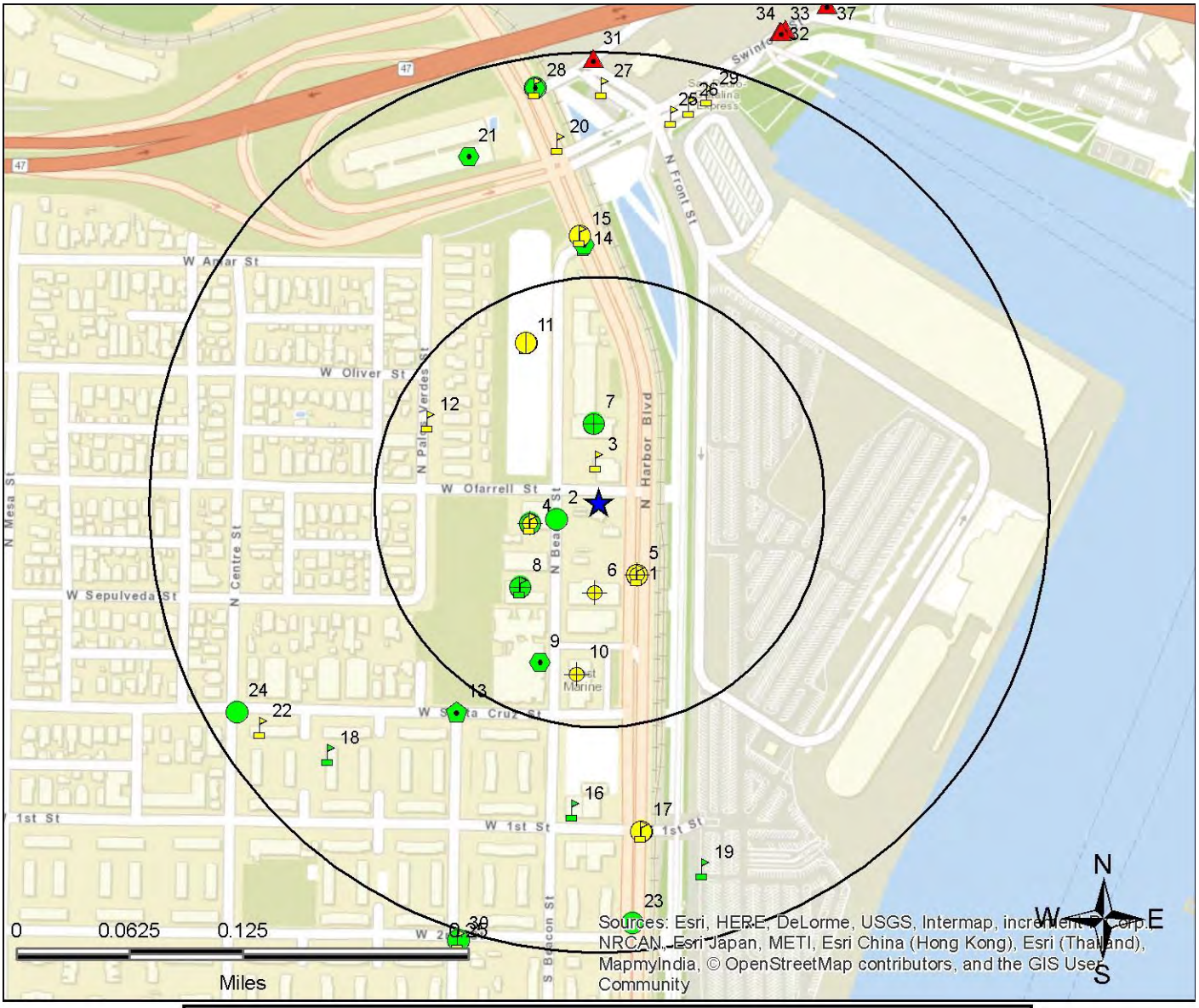
0.25-MILE RADIUS STREET MAP W/OCCURRENCES (MAP2)



Legend

- Federal NPL
- Federal Delisted NPL
- Federal CERCLIS
- Federal CERCLIS NFRAP
- Federal LUST
- Federal RCRA CORRACTS
- Federal RCRA non-CORRACTS TSD
- Federal RCRA Generators
- Federal UST
- Federal Inst/Eng Controls
- Federal Brownfield
- Federal ERNS
- Federal Emergency Release Reports
- Emergency Release Reports
- State/Tribal NPL
- State/Tribal CERCLIS Equivalent
- State/Tribal LUST
- State/Tribal Voluntary Cleanup Sites
- State/Tribal UST
- State/Tribal Brownfield
- State/Tribal Inst/Eng Controls
- State/Tribal Landfill/Solid Waste
- State/Tribal RCRA Equivalent
- State/Tribal ASTM Other
- ERS Supplemental Govt Sources
- ERS Exclusive Historic Sources

All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

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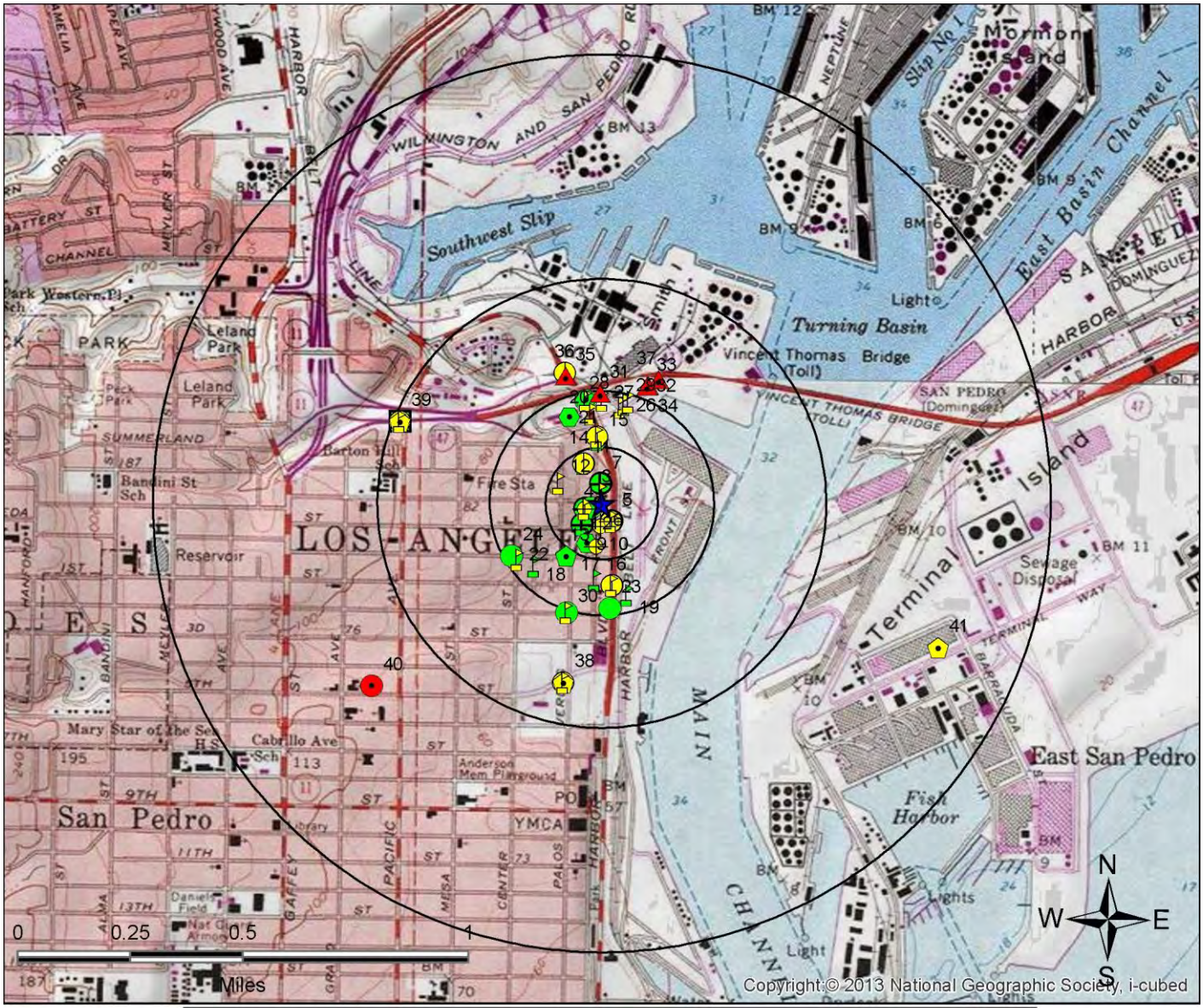
1-MILE TOPOGRAPHIC MAP W/OCCURRENCES (MAP3)



Legend

- Federal NPL
- Federal Delisted NPL
- Federal CERCLIS
- Federal CERCLIS NFRAP
- Federal LUST
- Federal RCRA CORRACTS
- Federal RCRA non-CORRACTS TSD
- Federal RCRA Generators
- Federal UST
- Federal Inst/Eng Controls
- Federal Brownfield
- Federal ERNS
- Federal Emergency Release Reports
- Emergency Release Reports
- State/Tribal NPL
- State/Tribal CERCLIS Equivalent
- State/Tribal LUST
- State/Tribal Voluntary Cleanup Sites
- State/Tribal UST
- State/Tribal Brownfield
- State/Tribal Inst/Eng Controls
- State/Tribal Landfill/Solid Waste
- State/Tribal RCRA Equivalent
- State/Tribal ASTM Other
- ERS Supplemental Govt Sources
- ERS Exclusive Historic Sources

All plotted occurrences represent approximate locations based on geographic information provided by the respective agency. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. **Occurrences are shown in three colors** to give a visual indication of the potential risk of the listed occurrence based on the type of list and the current status of the occurrence. Occurrences shown in **RED** are locations with known contamination that have not received a "case closed" or "no further action" status. Occurrences shown in **YELLOW** have been listed by the respective agency, but do not always represent an environmental risk. The detailed status information and description of the listing should be reviewed for further information. Occurrences shown in **GREEN** are occurrences that have active permits or have had contamination in the past but have received a "case closed" or "no further action" status and therefore, do not likely present an environmental risk.

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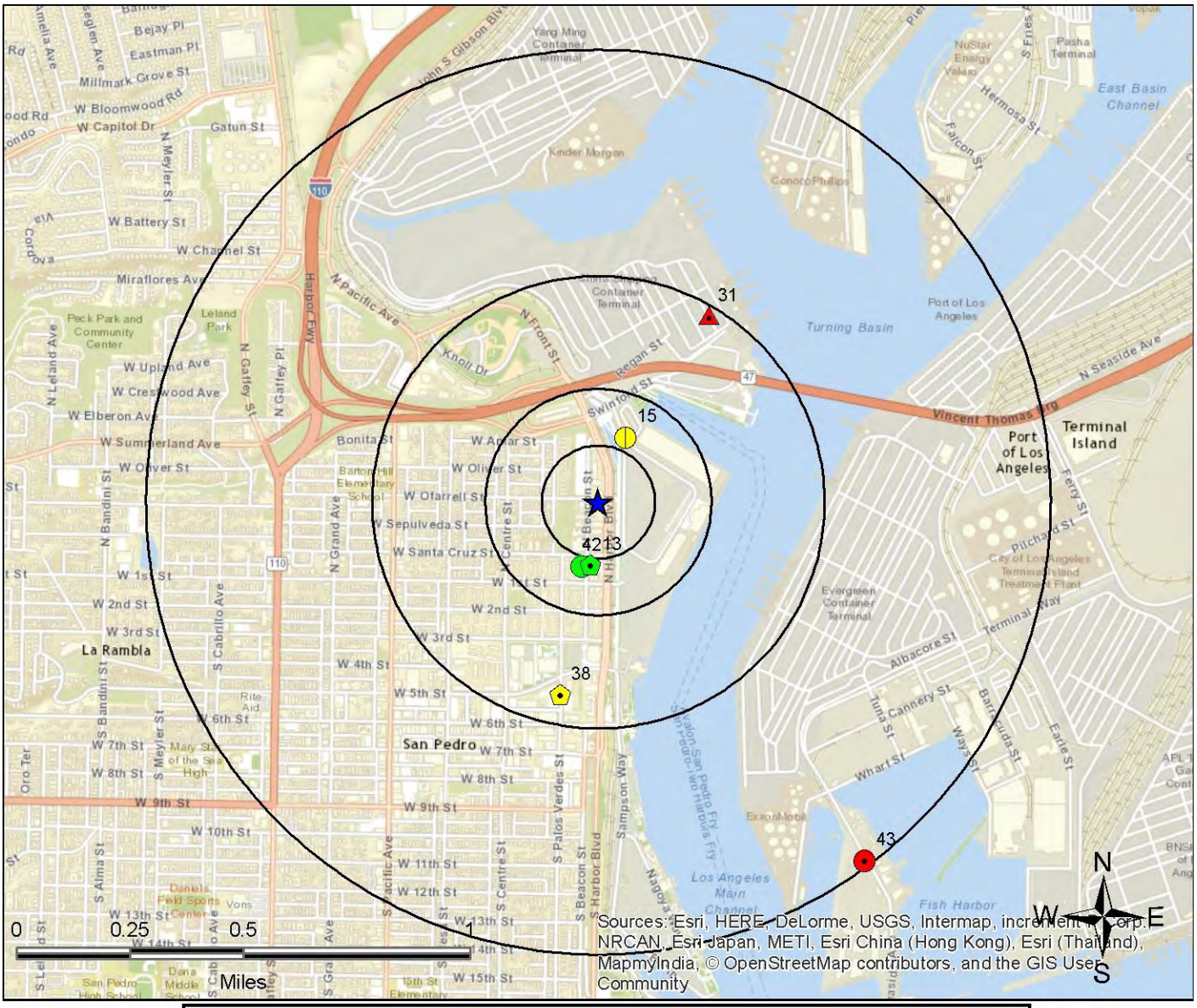
AGENCY DIFFERENCES IN MAPPED LOCATIONS (MAP4)

Note: Occurrences on this map have agency provided coordinates which differ significantly from geocoded locations.



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SUMMARY OF AGENCY DIFFERENCES

MAP ID	ID / SITE NAME	ADDRESS / DATABASE	AGENCY COORDINATES	DISTANCE (MILES)	DIRECTION
13	19490232 EDISON/SAN PEDRO MGP	SANTA CRUZ ST. CENTREST AND PALOS VERDES Cal-VCP-NFA	-118.28027, 33.74389	0.13	S
15	907310071-UST CATALINA TERMINAL BERTH 95	610 HARBOR BLVD HIST-R4-CA	-118.279, 33.748	0.17	N
31	SLT4L8011872 PORT OF LOS ANGELES - TODD SHIPYARD	100 REGAN ST. SLIC-Open-CA	-118.27587, 33.75192	0.49	NE
38	19440005 PORT OF LOS ANGELES BERTH 174	425 SOUTH PALOS VERDES STREET Cal-Eval-Hist	-118.28139, 33.73972	0.42	S
42	568315 THE LOS ANGELES TIMES	214 W 2ND ST UST-CA	-118.28061, 33.74384	0.14	S
43	60000999 Southwest Marine Terminal Island Facility	985 SEASIDE AVENUE Cal-State-Response-Active	-118.26963, 33.73449	0.98	SE
43	60000999 SOUTHWEST MARINE TERMINAL ISLAND FACILITY	985 SEASIDE AVENUE Response-CA	-118.26963, 33.73449	0.98	SE

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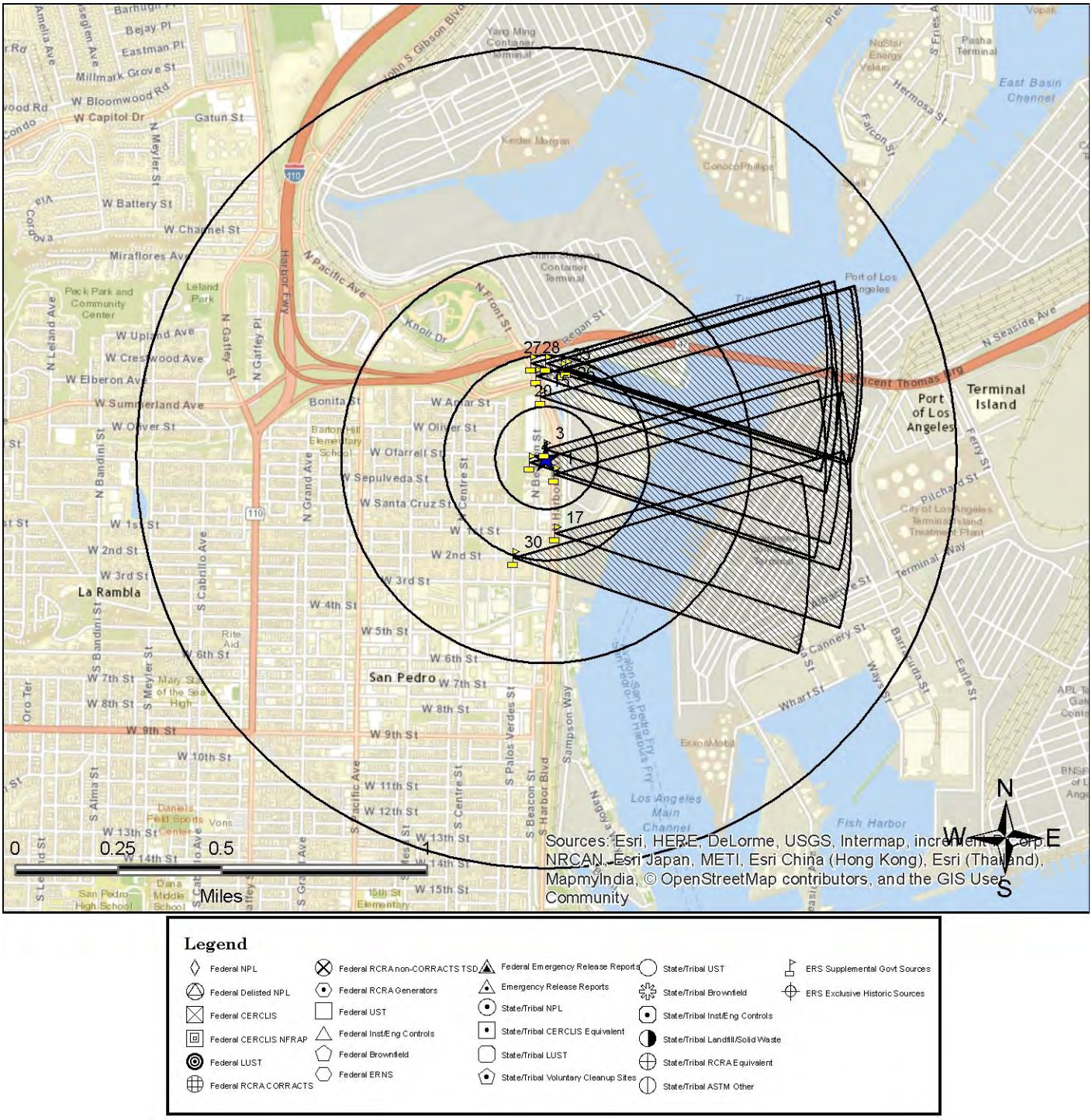
MAPPED AIR PERMITS WITH POTENTIAL DISPERSION (MAP5)

Note: Occurrences on this map are reported in Air Quality databases. Potential air plumes are drawn in the direction of the prevailing wind.



Legend

- Federal NPL
- Federal Delisted NPL
- Federal CERCLIS
- Federal CERCLIS NFRAP
- Federal LUST
- Federal RCRA CORRACTS
- Federal RCRA non-CORRACTS TSD
- Federal RCRA Generators
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- Federal Inst/Eng Controls
- Federal Brownfield
- Federal ERNS
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- State/Tribal Inst/Eng Controls
- State/Tribal Landfill/Solid Waste
- State/Tribal RCRA Equivalent
- State/Tribal ASTM Other
- ERS Supplemental Govt Sources
- ERS Exclusive Historic Sources

All plotted occurrences represent approximate locations based on geographic information provided by the respective agency/source. Actual locations may vary due to numerous reasons such as: the size of the property, accuracy of the provided location, accuracy of the software used to determine the location, etc. Potential air dispersion plumes are depicted to graphically show the direction contaminates may travel based on prevailing wind data and provide a visual screening tool only. Actual direction will vary especially by season. Depending on the actual contaminate, amount released, and other variables, the distance from the source the contaminate may travel can and will vary. Interpretation and review of all the actual relevant data by an environmental professional is recommended before making any decisions, conclusions or otherwise based on the map depictions, air data, and potential air dispersion plumes.

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LISTED OCCURRENCE DETAILS

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
AIR-DIST-CA	Listed	< 0.01 miles N	20 ft (1 ft lower than site)	1

SITE NAME	MAPS	ID
ARCO BATTERY MFG CO	1, 2, 3	5565-SC

ADDRESS	CITY	ZIP
327 N HARBOR BLVD	SAN PEDRO	90731

DETAILS

District: South Coast APCD
Business Info ID: 5565
County Code: LA
County: Los Angeles
Facility Status: INACTIVE
Number of Employees: 0
Location Zip Code Extension: 2298
Facility Representative First Name: Not Reported
Facility Representative Last Name: Not Reported
Location Area Code: Not Reported
Location Phone Number: Not Reported
Location Phone Extension: Not Reported
Mailing Address: 327 N HARBOR BLVD
Mailing City: SAN PEDRO
Mailing State: CA
Mailing Zip Code: 90731
Mailing Zip Code Extension: 2298
Mailing Area Code: Not Reported
Mailing Phone Number: Not Reported
Mailing Phone Extension: Not Reported
Mailing Representative First Name: Not Reported
Mailing Representative Last Name: Not Reported

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
FRS-US	Listed	< 0.01 miles N	20 ft (1 ft lower than site)	1
SITE NAME			MAPS	ID
ARCO BATTERY MFG CO			1, 2, 3	110002636782
ADDRESS			CITY	ZIP
327 N HARBOR BLVD			SAN PEDRO	90731-2298

DETAILS

Registry ID: 110002636782
FRS Facility Detail: http://iaspub.epa.gov/enviro/fii_query_detail.disp_program_facility?p_registry_id=110002636782
Create Date: 01-MAR-2000 00:00:00
Update Date: 29-DEC-2014 08:55:57
Program System: RCRAINFO
Interest Types: SQG

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	< 0.01 miles N	20 ft (1 ft lower than site)	1
SITE NAME			MAPS	ID
ARCO BATTERY MFG CO			1, 2, 3	25338
ADDRESS			CITY	ZIP
327 N. HARBOR BLVD			SAN PEDRO	907310000

DETAILS

Reported Date: 1998

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	< 0.01 miles N	20 ft (1 ft lower than site)	1
SITE NAME			MAPS	ID
G T R INCORPORATED			1, 2, 3	3767078
ADDRESS			CITY	ZIP
327 N. HARBOR BLVD			SAN PEDRO	907310000

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DETAILS
Reported Date: 1998

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-FINDS-US	Listed	< 0.01 miles N	20 ft (1 ft lower than site)	1
SITE NAME			**MAPS**	**ID**
ARCO BATTERY MFG CO			1, 2, 3	25338
ADDRESS			**CITY**	**ZIP**
327 N HARBOR BLVD			SAN PEDRO	90731
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Vehicle-Parts	Listed	< 0.01 miles N	20 ft (1 ft lower than site)	1
SITE NAME			**MAPS**	**ID**
ARCO BATTERY MFG CO			1, 2, 3	1493896-PD
ADDRESS			**CITY**	**ZIP**
327 N HARBOR BLVD			SAN PEDRO	90731-2298
DETAILS				
Listing Year: 1997 SIC Category: BATTERIES-STORAGE-RETAIL SIC Code: 553116				

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Vehicle-Parts	Listed	< 0.01 miles N	20 ft (1 ft lower than site)	1
SITE NAME			**MAPS**	**ID**
Arco Battery			1, 2, 3	28540
ADDRESS			**CITY**	**ZIP**
327 N Harbor Blvd			San Pedro	90731
DETAILS				
Sic Code: 5531 Desc: Vehicle Parts Site Added: 2/2010				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
HWIS-CA	Listed	< 0.01 miles N	20 ft (1 ft lower than site)	1
SITE NAME			**MAPS**	**ID**
327 N HARBOR BLVD LLC			1, 2, 3	CAC002623940
ADDRESS			**CITY**	**ZIP**
327 N HARBOR BLVD			SAN PEDRO	907312242

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DETAILS
EPA ID: CAC002623940 Facility County: 19 Mailing Street: 21515 HAWTHORNE BLVD STE 960 Mailing City: TORRANCE Mailing State: CA Mailing Zip: 90503 Contact Name: BILL ASHAI Contact Phone: 3108934594 Year: 2008 TONS: 594.72 TSD EPA ID: CAD980675276 Category Code: 611 Category Description: Contaminated soil from site clean-up Method Description: LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL(TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION) Year: 2007 TONS: 595.61 TSD EPA ID: CAD980675276 Category Code: 611 Category Description: Contaminated soil from site clean-up Method Description: LANDFILL OR SURFACE IMPOUNDMENT THAT WILL BE CLOSED AS LANDFILL(TO INCLUDE ON-SITE TREATMENT AND/OR STABILIZATION)

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
RCRA-SQG-US	Listed	< 0.01 miles N	20 ft (1 ft lower than site)	1
SITE NAME			**MAPS**	**ID**
ARCO BATTERY MFG CO			1, 2, 3	CAD009525692
ADDRESS			**CITY**	**ZIP**
327 N HARBOR BLVD			SAN PEDRO	90731

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DETAILS

Additional details may be found online using the following link:
http://oaspub.epa.gov/enviro/fii_query_dtl.disp_program_facility?pgm_sys_id_in=CAD009525692&pgm_sys_acrnm_in=RCRAINFO
Source Type: Implementer
Generator Status Universe: SQG
Generator Status: Small Quantity Generator
NAICS1: STORAGE BATTERY MANUFACTURING
Active Site Indicator: H----
Owner Name: RUHL RON ARCO BATTERY MFG CORPORATION
Operator Name: NOT REQUIRED
In Handler Universes: Y
In a Universe: Y
Short Term Generator: N
Importer Activity: N
Mixed Waste Generator: N
Transporter Activity: N
Transfer Facility: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Injection Activity: N
Receives Waste From Off-site: N
Universal Waste: N
Universal Waste Destination Facility: N
Used Oil Universe: NNNNNNN
Federal Universal Waste: N
Active Site Federally Regulated TSDF: ------
Active Site Converter TSDF: ------
More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-UST-CA	Listed	0.02 miles W	26 ft (5 ft higher than site)	**2**

SITE NAME	MAPS	ID
MARINE HARDWARE CO	1, 2, 3	247701

ADDRESS	CITY	ZIP
345 N BEACON ST	NONE	90731

DETAILS

Note: ID has been assigned by ERS
Tank Details: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00027A23.pdf

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
AIR-DIST-CA	Listed	0.03 miles N	21 ft (0 ft higher than site)	**3**

SITE NAME	MAPS	ID
LITTLE FISHERMAN	1, 2, 3	80499-SC

ADDRESS	CITY	ZIP
407 N HARBOR BLVD	SAN PEDRO	90731

DETAILS

District: South Coast APCD
Business Info ID: 80499
County Code: LA
County: Los Angeles
Facility Status: ACTIVE
Number of Employees: 0
Location Zip Code Extension: 2243
Facility Representative First Name: Not Reported
Facility Representative Last Name: Not Reported
Location Area Code: Not Reported
Location Phone Number: Not Reported
Location Phone Extension: Not Reported
Mailing Address: 407 N HARBOR BLVD
Mailing City: SAN PEDRO
Mailing State: CA
Mailing Zip Code: 90731
Mailing Zip Code Extension: 2243
Mailing Area Code: Not Reported
Mailing Phone Number: Not Reported
Mailing Phone Extension: Not Reported
Mailing Representative First Name: Not Reported
Mailing Representative Last Name: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
AIR-DIST-CA	Listed	0.04 miles W	34 ft (13 ft higher than site)	**4**

SITE NAME	MAPS	ID
L. A. MARINE HARDWARE	1, 2, 3	42613-SC

ADDRESS	CITY	ZIP
345 BEACON ST	SAN PEDRO	90731

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DETAILS
District: South Coast APCD Business Info ID: 42613 County Code: LA County: Los Angeles Facility Status: ACTIVE Number of Employees: 0 Location Zip Code Extension: Not Reported Facility Representative First Name: FRANK A Facility Representative Last Name: BRANNEN Location Area Code: 213 Location Phone Number: 8319261 Location Phone Extension: Not Reported Mailing Address: 345 BEACON ST Mailing City: SAN PEDRO Mailing State: CA Mailing Zip Code: 90731 Mailing Zip Code Extension: Not Reported Mailing Area Code: 213 Mailing Phone Number: 8319261 Mailing Phone Extension: Not Reported Mailing Representative First Name: FRANK A Mailing Representative Last Name: BRANNEN

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Auto Repair	Listed	0.04 miles W	34 ft (13 ft higher than site)	**4**
SITE NAME			**MAPS**	**ID**
MARINE HARDWARE CO			1, 2, 3	502336-PD
ADDRESS			**CITY**	**ZIP**
345 N BEACON ST			SAN PEDRO	90731-2234

DETAILS
Listing Year: 1997 SIC Category: MARINE EQUIPMENT & SUPPLIES SIC Code: 555113

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	0.04 miles W	34 ft (13 ft higher than site)	**4**
SITE NAME			**MAPS**	**ID**
LOS ANGELES MARINE HARDWARE			1, 2, 3	4019377
ADDRESS			**CITY**	**ZIP**
345 N. BEACON			SAN PEDRO	907310000
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	0.04 miles W	34 ft (13 ft higher than site)	**4**
SITE NAME			**MAPS**	**ID**
1X MARINA HARDWARE COMPANY, INC.			1, 2, 3	7755128
ADDRESS			**CITY**	**ZIP**
345 N. BEACON			SAN PEDRO	907310000
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Service Stations	Listed	0.04 miles W	34 ft (13 ft higher than site)	**4**
SITE NAME			**MAPS**	**ID**
LOS ANGELES MARINE HARDWARE INC			1, 2, 3	206078
ADDRESS			**CITY**	**ZIP**
345 N. BEACON ST.			SAN PEDRO	90731

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DETAILS
AS OF DATE: 1/22/2002 SITE TYPE: PRIVATE TANK TYPE: UST COUNTY: LOS ANGELES

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-USTReg-CA	Listed	0.04 miles W	34 ft (13 ft higher than site)	4
SITE NAME			MAPS	ID
LOS ANGELES MARINE HARDWARE			1, 2, 3	4019377
ADDRESS			CITY	ZIP
345 N BEACON			SAN PEDRO	90731
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
HWIS-CA	Listed	0.04 miles W	34 ft (13 ft higher than site)	4
SITE NAME			MAPS	ID
MARINA HARDWARE COMPANY, INC.			1, 2, 3	CAC001491728
ADDRESS			CITY	ZIP
345 NORTH BEACON			SAN PEDRO	907320000

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DETAILS
EPA ID: CAC001491728 Facility County: 19 Mailing Street: 345 NORTH BEACON Mailing City: SAN PEDRO Mailing State: CA Mailing Zip: 907320000 Contact Name: FRANK BRANNEN Contact Phone: 3108319261 Year: 1999 TONS: 0.417 TSD EPA ID: CAT080013352 Category Code: 221 Category Description: Waste oil and mixed oil Method Description: RECYCLER

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
SML-CA	Listed	0.04 miles SE	20 ft (1 ft lower than site)	**5**
SITE NAME			**MAPS**	**ID**
FORMER ARCO BATTERY MFG			1, 2, 3	SD0000194
ADDRESS			**CITY**	**ZIP**
319-327 N HARBOR BLVD			SAN PEDRO	

DETAILS
Record ID: SD0000194 Facility ID: Not Reported Assigned To: Richard Clark Abated Date: 7/17/2008 Abated? (Y/N): Y Folder Location: R. CLARK

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
SML-CA	Listed	0.04 miles SE	20 ft (1 ft lower than site)	**5**

SITE NAME	MAPS	ID
ARCO BATTERY	1, 2, 3	SD0010412

ADDRESS	CITY	ZIP
327 N HARBOR BLVD	SAN PEDRO	

DETAILS

Record ID: SD0010412
Facility ID: FA0013235
Assigned To: LR
Abated Date: 1/27/1995
Abated? (Y/N): Y
Folder Location: NO FILE.

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Manufacturing	Listed	0.04 miles S	21 ft (0 ft higher than site)	**6**

SITE NAME	MAPS	ID
SEA-A-MUSEUM LIKE SHOP	1, 2, 3	946625-PD

ADDRESS	CITY	ZIP
305 N HARBOR BLVD	SAN PEDRO	90731-2295

DETAILS

Listing Year: 1997
SIC Category: SHELLS-MARINE (MANUFACTURERS)
SIC Code: 399905

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
HWIS-CA	Listed	0.05 miles N	21 ft (0 ft higher than site)	**7**

SITE NAME	MAPS	ID
KAISER INTERNATIONAL	1, 2, 3	CAC001271544

ADDRESS	CITY	ZIP
411 N HARBOR BLVD	SAN PEDRO	907310000

DETAILS

EPA ID: CAC001271544
Facility County: 19
Mailing Street: 411 N HARBOR BLVD
Mailing City: SAN PEDRO
Mailing State: CA
Mailing Zip: 907310000
Contact Name: KAISER INT'L
Contact Phone: 0000000000

Year: 1998
TONS: 0.9
TSD EPA ID: CAT080033681
Category Code: 352
Category Description: Other organic solids
Method Description: OTHER DISPOSAL

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.06 miles SW	34 ft (13 ft higher than site)	**8**

SITE NAME	MAPS	ID
COST DIVING	1, 2, 3	4520598C-CAC002567473

ADDRESS	CITY	ZIP
305 BAECON ST	SAN PEDRO	90733

DETAILS

No Additional Details Found

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CA	No Longer Listed	0.06 miles SW	34 ft (13 ft higher than site)	**8**
SITE NAME			**MAPS**	**ID**
COAST DIVING SERVICES			1, 2, 3	4520598C-CAC002579552
ADDRESS			**CITY**	**ZIP**
305 N BEACON ST			SAN PEDRO	90731
DETAILS				
No Additional Details Found				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
HWIS-CA	Listed	0.06 miles SW	34 ft (13 ft higher than site)	**8**
SITE NAME			**MAPS**	**ID**
COAST DIVING SERVICES			1, 2, 3	CAC002579552
ADDRESS			**CITY**	**ZIP**
305 N BEACON ST			SAN PEDRO	90731

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DETAILS
EPA ID: CAC002579552 Facility County: 19 Mailing Street: 305 N BEACON ST Mailing City: SAN PEDRO Mailing State: CA Mailing Zip: 90731 Contact Name: CHERLY FERREIRA Contact Phone: 3105470955 Year: 2004 TONS: Not Reported TSD EPA ID: CAD028409019 Category Code: Not Reported Category Description: Not Reported Method Description: TREATMENT, TANK Year: 2004 TONS: 0.57 TSD EPA ID: CAD028409019 Category Code: 221 Category Description: Waste oil and mixed oil Method Description: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
HWIS-CA	Listed	0.06 miles SW	34 ft (13 ft higher than site)	8
SITE NAME			MAPS	ID
COAST DIVING SERVICE, INC			1, 2, 3	CAL000316916
ADDRESS			CITY	ZIP
305 N BEACON ST			SAN PEDRO	90731

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DETAILS
EPA ID: CAL000316916 Facility County: 19 Mailing Street: PO BOX 1548 Mailing City: SAN PEDRO Mailing State: CA Mailing Zip: 907331548 Contact Name: CHERYL FERREIRA/OFF. MGR. Contact Phone: 3105470955 Year: 2013 TONS: 0.19 TSD EPA ID: CAT080013352 Category Code: 221 Category Description: Waste oil and mixed oil Method Description: OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT Year: 2012 TONS: 0.361 TSD EPA ID: CAT080013352 Category Code: 221 Category Description: Waste oil and mixed oil Method Description: OTHER RECOVERY OF RECLAMATION FOR REUSE INCLUDING ACID REGENERATION, ORGANICS RECOVERY ECT Year: 2012 TONS: 0.1485 TSD EPA ID: CAT080013352 Category Code: 331 More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
RCRA-NON-US	Listed	0.08 miles S	26 ft (5 ft higher than site)	9
SITE NAME			**MAPS**	**ID**
SANDOVAL TRUCKING			1, 2, 3	CAR000187948
ADDRESS			**CITY**	**ZIP**
201 N BEACON ST			SAN PEDRO	90731

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DETAILS
Additional details may be found online using the following link: http://oaspub.epa.gov/enviro/fii_query_dtl.disp_program_facility?pgm_sys_id_in=CAR000187948&pgm_sys_acrnm_in=RCRAINFO Source Type: Notification Generator Status Universe: N Generator Status: Non-Generator NAICS1: SOLID WASTE COLLECTION NAICS2: HAZARDOUS WASTE COLLECTION Active Site Indicator: H---- Owner Name: LUDVIN SANDOVAL Operator Name: LUDVIN SANDOVAL In Handler Universes: Y In a Universe: Y Short Term Generator: N Importer Activity: N Mixed Waste Generator: N Transporter Activity: Y Transfer Facility: N Recycler Activity: N Onsite Burner Exemption: N Furnace Exemption: N Underground Injection Activity: N Receives Waste From Off-site: N Universal Waste: N Universal Waste Destination Facility: N Used Oil Universe: NNNNNNN Federal Universal Waste: N Active Site Federally Regulated TSDF: ------ More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Auto Repair	Listed	0.09 miles S	22 ft (1 ft higher than site)	10

SITE NAME	MAPS	ID
WEST MARINE INC	1, 2, 3	606358-PD

ADDRESS	CITY	ZIP
203 N HARBOR BLVD	SAN PEDRO	90731-2241

DETAILS
Listing Year: 1997 SIC Category: MARINE EQUIPMENT & SUPPLIES SIC Code: 555113

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
ENF-SMARTS-CA	Historical	0.11 miles N	22 ft (1 ft higher than site)	**11**

SITE NAME	MAPS	ID
John S Gibson Blvd I 110 Freeway Access	1, 2, 3	418526

ADDRESS	CITY	ZIP
515 North Beacon Street	San Pedro	90731

DETAILS

Enforcement ID: 418526
Facility ID: 827384
Regulatory Measure ID: 430691
Waste Discharge ID: 4 19C368787
Order/Resolution Number: Not Reported
Regional Water Board number: 4
Agency: Port of Los Angeles
Agency Type: City/Town Agency
Regulatory Measure Type: Construction
Facility/Site County: Los Angeles
Coverage Status: Active
Enforcement Status: Historical
Enforcement Type: 13267 Letter/Order
Effective Date: 1/28/2014
Termination Date: Not Reported
Enforcement Adoption Date: 3/11/2015
Enforcement Effective Date: 6/30/2015
Enforcement Description: Directed to collect samples for the 2014-15 reporting period.
Initial Assessed Amount: Not Reported
Total Assessment Amount: Not Reported
Liability $ Amount: Not Reported
Liability $ Paid: Not Reported
Project $ Amount: Not Reported
Project $ Completed: Not Reported
Total $ Paid/Completed: Not Reported
Agency Provided Latitude: 33.747206
Agency Provided Longitude: -118.280412
More Details Link

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	0.11 miles N	22 ft (1 ft higher than site)	**11**
SITE NAME			**MAPS**	**ID**
LOUISIANA-PACIFIC CORP YARD			1, 2, 3	1245683
ADDRESS			**CITY**	**ZIP**
515 N. BEACON ST			SAN PEDRO	
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	0.11 miles N	22 ft (1 ft higher than site)	**11**
SITE NAME			**MAPS**	**ID**
1X CAL TRANS			1, 2, 3	7761575
ADDRESS			**CITY**	**ZIP**
515 N. BEACON ST			SAN PEDRO	
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-UST-CA	Listed	0.11 miles N	22 ft (1 ft higher than site)	**11**
SITE NAME			**MAPS**	**ID**
LOUISIANA-PACIFIC CORP			1, 2, 3	246461
ADDRESS			**CITY**	**ZIP**
515 NO BEACON ST			SAN PEDRO	90731

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DETAILS
Note: ID has been assigned by ERS Tank Details: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00027916.pdf

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-UST-CA	Listed	0.11 miles N	22 ft (1 ft higher than site)	**11**
SITE NAME			**MAPS**	**ID**
LOUISIANA-PACIFIC CORP YARD O			1, 2, 3	246462
ADDRESS			**CITY**	**ZIP**
515 NO BEACON STREET			SAN PEDRO	90731
DETAILS				
Note: ID has been assigned by ERS Tank Details: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00027918.pdf				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-USTReg-CA	Listed	0.11 miles N	22 ft (1 ft higher than site)	**11**
SITE NAME			**MAPS**	**ID**
LOUISIANA-PACIFIC CORP YARD			1, 2, 3	1245683
ADDRESS			**CITY**	**ZIP**
515 N BEACON			SAN PEDRO	90731
DETAILS				
Reported Date: 1998				

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
WDR-CA	Listed	0.11 miles NW	68 ft (47 ft higher than site)	**12**

SITE NAME	MAPS	ID
Berth 100	1, 2, 3	992648

ADDRESS	CITY	ZIP
425 Palos Verdes	San Pedro	90733

DETAILS

Note: This is an ERS assigned Automated ID.
SIC/NAICS: Not Reported
County: Los Angeles
Region: 4 - Los Angeles
WDID: 4B190106116
Agency: Port of Los Angeles
Agency Address: 425 South Palos Verdes Street, San Pedro, CA 90731
Place/Project Type: Other
Program: WDR
Regulatory Measure Status: Historical
Regulatory Measure Type: WDR
Order Number: R4-2003-0026
NPDES Number: Not Reported
Adoption Date: 1/30/2003
Effective Date: 1/30/2003
Termination Date: 6/9/2004
Expiration/Review Date: 12/31/2003
Design Flow: Not Reported
Major/Minor: Not Reported
Complexity: C
TTWQ: 3
Number Of Enforcement Actions within 5 years: 0
Number Of Violations within 5 years: 0
Latitude: 33.75278
Longitude: -118.275

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Cal-VCP-NFA	Listed	0.13 miles SW	34 ft (13 ft higher than site)	**13**

SITE NAME	MAPS	ID
EDISON/SAN PEDRO MGP	1, 2, 3	19490232

ADDRESS	CITY	ZIP
SANTA CRUZ ST. CENTREST AND PALOS VERDES	SAN PEDRO	90731

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DETAILS
URL: http://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=19490232 Envirostor ID: 19490232 County: LOS ANGELES Site Type: Voluntary Cleanup Site Type Detailed: Voluntary Cleanup Acres: Not Reported APN: NONE SPECIFIED National Priorities List: NO Lead Agency: SMBRP Project Manager: Not Reported Supervisor: Sayareh Amirebrahimi Division Branch: Cleanup Chatsworth Site Code: 400450 Assembly: 70 Senate: 35 Congressional District: 44 Special Program: Voluntary Cleanup Program Status: No Further Action Status Date: 1994-11-23 00:00:00 Past Uses: MANUFACTURED GAS PLANT Restricted Use: NO Funding: Responsible Party Regulatory Agencies Involved: SMBRP Potential Contamination of Concern: 10097 Confirmed Contamination of Concern: NONE SPECIFIED Potential Media Affected: SOIL Site MGMT REQ: NONE SPECIFIED More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	0.15 miles N	19 ft (2 ft lower than site)	14

SITE NAME	MAPS	ID
LA PUMPING PLANT #67	1, 2, 3	238061

ADDRESS	CITY	ZIP
530 N. HARBOR BLVD	SAN PEDRO	907310000

DETAILS
Reported Date: 1998

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
RCRA-SQG-US	Listed	0.15 miles N	19 ft (2 ft lower than site)	**14**

SITE NAME	MAPS	ID
LA PUMPING PLANT #67	1, 2, 3	CAD981986938

ADDRESS	CITY	ZIP
530 N HARBOR BLVD	SAN PEDRO	90731

DETAILS

Additional details may be found online using the following link:
http://oaspub.epa.gov/enviro/fii_query_dtl.disp_program_facility?pgm_sys_id_in=CAD981986938&pgm_sys_acrnm_in=RCRAINFO
Source Type: Notification
Generator Status Universe: SQG
Generator Status: Small Quantity Generator
Active Site Indicator: H----
Owner Name: CITY OF LOS ANGELES
Operator Name: NOT REQUIRED
In Handler Universes: Y
In a Universe: Y
Short Term Generator: N
Importer Activity: N
Mixed Waste Generator: N
Transporter Activity: N
Transfer Facility: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Injection Activity: N
Receives Waste From Off-site: N
Universal Waste: N
Universal Waste Destination Facility: N
Used Oil Universe: NNNNNNN
Federal Universal Waste: N
Active Site Federally Regulated TSDF: ------
Active Site Converter TSDF: ------
Active Site State Regulated TSDF: ---------
More Details Link

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
AIR-DIST-CA	Listed	0.16 miles N	18 ft (3 ft lower than site)	**15**

SITE NAME	MAPS	ID
LOS ANGELE CITY, HARBOR DEPT	1, 2, 3	94111-SC

ADDRESS	CITY	ZIP
610 HARBOR BLVD	SAN PEDRO	90731

DETAILS

District: South Coast APCD
Business Info ID: 94111
County Code: LA
County: Los Angeles
Facility Status: ACTIVE
Number of Employees: 0
Location Zip Code Extension: Not Reported
Facility Representative First Name: JOANNN
Facility Representative Last Name: BAMBRIDGE
Location Area Code: 310
Location Phone Number: 5193471
Location Phone Extension: Not Reported
Mailing Address: 425 S PALOS VERDES BLVD
Mailing City: SAN PEDRO
Mailing State: CA
Mailing Zip Code: 90731
Mailing Zip Code Extension: Not Reported
Mailing Area Code: 310
Mailing Phone Number: 5193471
Mailing Phone Extension: Not Reported
Mailing Representative First Name: JOANNN
Mailing Representative Last Name: BAMBRIDGE

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-LUSTIS-CA	Listed	0.16 miles N	18 ft (3 ft lower than site)	**15**

SITE NAME	MAPS	ID
CATALINA TERMINAL BERTH 95	1, 2, 3	4062180

ADDRESS	CITY	ZIP
610 HARBOR BLVD	SAN PEDRO	90731

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DETAILS
Reported Date: 1998

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
HIST-R4-CA	Listed	0.16 miles N	18 ft (3 ft lower than site)	15
SITE NAME			**MAPS**	**ID**
CATALINA TERMINAL BERTH 95			1, 2, 3	907310071-UST
ADDRESS			**CITY**	**ZIP**
610 HARBOR BLVD			SAN PEDRO	90731

DETAILS

Type: UST
Source of the list: Region 4 - Los Angeles Regional Water Quality Control Board
CASENO: 907310071
STAFF: Not Reported
LEGENDCODE: RC
LOCATION COMMUNITY: San Pedro
LOCATION XSTREET: Not Reported
STATUS: 9
LEADAGENCY: R
DISTANCE: 13372
STATE_WELL: 04S13W31E01S
DTW: 0
LAT: 33.7479596317
LONG: -118.279133673

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	0.16 miles S	22 ft (1 ft higher than site)	16
SITE NAME			**MAPS**	**ID**
1X TOM ANAST			1, 2, 3	7751554
ADDRESS			**CITY**	**ZIP**
100 W. 1ST ST			SAN PEDRO	907330000

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DETAILS
Reported Date: 1998

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	0.16 miles S	22 ft (1 ft higher than site)	16
SITE NAME			MAPS	ID
1X ASHLAND CHEMICAL			1, 2, 3	7707813
ADDRESS			CITY	ZIP
100 W. 1ST ST			SAN PEDRO	907330000
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	0.16 miles S	22 ft (1 ft higher than site)	16
SITE NAME			MAPS	ID
TOM ANAST			1, 2, 3	7751555
ADDRESS			CITY	ZIP
100 W. 1ST ST			SAN PEDRO	907330000
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
AIR-DIST-CA	Listed	0.17 miles S	18 ft (3 ft lower than site)	17
SITE NAME			MAPS	ID
YIHE			1, 2, 3	61375-SC
ADDRESS			CITY	ZIP
LONG BEACH HARBOR BERTH 246			LONG BEACH	90731

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DETAILS
District: South Coast APCD Business Info ID: 61375 County Code: LA County: Los Angeles Facility Status: ACTIVE Number of Employees: 0 Location Zip Code Extension: Not Reported Facility Representative First Name: Not Reported Facility Representative Last Name: Not Reported Location Area Code: Not Reported Location Phone Number: Not Reported Location Phone Extension: Not Reported Mailing Address: 2001 JOHN GIBSON BLVD Mailing City: SAN PEDRO Mailing State: CA Mailing Zip Code: 90731 Mailing Zip Code Extension: Not Reported Mailing Area Code: Not Reported Mailing Phone Number: Not Reported Mailing Phone Extension: Not Reported Mailing Representative First Name: Not Reported Mailing Representative Last Name: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
AIR-DIST-CA	Listed	0.17 miles S	18 ft (3 ft lower than site)	17
SITE NAME			**MAPS**	**ID**
PACIFIC TEXAS PIPELINE CO			1, 2, 3	40628-SC
ADDRESS			**CITY**	**ZIP**
SOUTH LANDFILL OUTER HARBOR			CARSON	90745

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DETAILS
District: South Coast APCD Business Info ID: 40628 County Code: LA County: Los Angeles Facility Status: ACTIVE Number of Employees: 0 Location Zip Code Extension: Not Reported Facility Representative First Name: CECIL R. Facility Representative Last Name: OWENS Location Area Code: 213 Location Phone Number: 5908888 Location Phone Extension: Not Reported Mailing Address: 555 E OCEAN BLVD SUITE 525 Mailing City: LONG BEACH Mailing State: CA Mailing Zip Code: 90802 Mailing Zip Code Extension: 5052 Mailing Area Code: 213 Mailing Phone Number: 5908888 Mailing Phone Extension: Not Reported Mailing Representative First Name: CECIL R. Mailing Representative Last Name: OWENS

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-UST-CA	Listed	0.17 miles S	18 ft (3 ft lower than site)	17
SITE NAME			**MAPS**	**ID**
WESTERN FUEL OIL COMPANY			1, 2, 3	277181
ADDRESS			**CITY**	**ZIP**
NONE BERTH 120 LA HARBOR			SAN PEDRO	90731
DETAILS				
Note: ID has been assigned by ERS Tank Details: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00028B55.pdf				

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
RCRA-SQG-US	Listed	0.17 miles S	18 ft (3 ft lower than site)	**17**

SITE NAME	MAPS	ID
SAN PEDRO BOAT WORKS	1, 2, 3	CAD981455496

ADDRESS	CITY	ZIP
BERTH 44 OUTER HARBOR	SAN PEDRO	90731

DETAILS

Additional details may be found online using the following link:
http://oaspub.epa.gov/enviro/fii_query_dtl.disp_program_facility?pgm_sys_id_in=CAD981455496&pgm_sys_acrnm_in=RCRAINFO
Source Type: Notification
Generator Status Universe: SQG
Generator Status: Small Quantity Generator
NAICS1: BOAT BUILDING
NAICS2: BOAT BUILDING
Active Site Indicator: H----
Owner Name: BILLFISH INC DBA SAN PEDRO BOAT WKS
Operator Name: NOT REQUIRED
In Handler Universes: Y
In a Universe: Y
Short Term Generator: N
Importer Activity: N
Mixed Waste Generator: N
Transporter Activity: N
Transfer Facility: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Injection Activity: N
Receives Waste From Off-site: N
Universal Waste: N
Universal Waste Destination Facility: N
Used Oil Universe: NNNNNNN
Federal Universal Waste: N
Active Site Federally Regulated TSDF: ------
More Details Link

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
SML-CA	Listed	0.17 miles S	18 ft (3 ft lower than site)	**17**
SITE NAME			**MAPS**	**ID**
LA HARBOR BERTH 115			1, 2, 3	SD0011055
ADDRESS			**CITY**	**ZIP**
0000 HARBOR BLVD			SAN PEDRO	

DETAILS

Record ID: SD0011055
Facility ID: Not Reported
Assigned To: Not Reported
Abated Date: Not Reported
Abated? (Y/N): N
Folder Location: NO FILE.

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
SML-CA	Listed	0.17 miles S	18 ft (3 ft lower than site)	**17**
SITE NAME			**MAPS**	**ID**
H-10 WATER TAXI COMPANY			1, 2, 3	SD0011054
ADDRESS			**CITY**	**ZIP**
0000 BERTH 87, LA HARBOR			SAN PEDRO	

DETAILS

Record ID: SD0011054
Facility ID: Not Reported
Assigned To: Not Reported
Abated Date: Not Reported
Abated? (Y/N): N
Folder Location: NO FILE.

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-Regional-Other-CA	Listed	0.2 miles SW	49 ft (28 ft higher than site)	**18**
SITE NAME			**MAPS**	**ID**
TOWN GAS PLANT SAN PEDRO			1, 2, 3	4945802
ADDRESS			**CITY**	**ZIP**
SANTA CRUZ ST. CENTREST				90731
DETAILS				
Reported Date: 1998 List: LA County-Site Mitigation Complaint Control Log Agency: Department of Health Services, LA County Public Health Investigations				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-USTReg-CA	Listed	0.2 miles S	15 ft (6 ft lower than site)	**19**
SITE NAME			**MAPS**	**ID**
TOM ANAST			1, 2, 3	4016179
ADDRESS			**CITY**	**ZIP**
100 W 1ST			SAN PEDRO	90731
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
AIR-DIST-CA	Listed	0.21 miles N	17 ft (4 ft lower than site)	**20**
SITE NAME			**MAPS**	**ID**
WORLD CRUISE TERMINAL			1, 2, 3	163131-SC
ADDRESS			**CITY**	**ZIP**
500 N FRONT ST			SAN PEDRO	90731

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DETAILS
District: South Coast APCD Business Info ID: 163131 County Code: LA County: Los Angeles Facility Status: ACTIVE Number of Employees: 0 Location Zip Code Extension: Not Reported Facility Representative First Name: CHARLES Facility Representative Last Name: SMITH Location Area Code: 310 Location Phone Number: 7323688 Location Phone Extension: Not Reported Mailing Address: 425 S PALOS VERDES ST Mailing City: SAN PEDRO Mailing State: CA Mailing Zip Code: 90731 Mailing Zip Code Extension: Not Reported Mailing Area Code: 310 Mailing Phone Number: 7323688 Mailing Phone Extension: Not Reported Mailing Representative First Name: CHARLES Mailing Representative Last Name: SMITH

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
RCRA-SQG-US	Listed	0.21 miles N	17 ft (4 ft lower than site)	**21**
SITE NAME			**MAPS**	**ID**
LA PUMPING PLANT #91			1, 2, 3	CAD981987704
ADDRESS			**CITY**	**ZIP**
675 FRONT ST			LOS ANGELES	90012

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DETAILS

Additional details may be found online using the following link:
http://oaspub.epa.gov/enviro/fii_query_dtl.disp_program_facility?pgm_sys_id_in=CAD981987704&pgm_sys_acrnm_in=RCRAINFO
Source Type: Notification
Generator Status Universe: SQG
Generator Status: Small Quantity Generator
Active Site Indicator: H----
Owner Name: CITY OF LOS ANGELES
Operator Name: NOT REQUIRED
In Handler Universes: Y
In a Universe: Y
Short Term Generator: N
Importer Activity: N
Mixed Waste Generator: N
Transporter Activity: N
Transfer Facility: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Injection Activity: N
Receives Waste From Off-site: N
Universal Waste: N
Universal Waste Destination Facility: N
Used Oil Universe: NNNNNNN
Federal Universal Waste: N
Active Site Federally Regulated TSDF: ------
Active Site Converter TSDF: ------
Active Site State Regulated TSDF: ---------
More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
HWT-CA	Listed	0.22 miles SW	63 ft (42 ft higher than site)	22

SITE NAME	MAPS	ID
UNITED DRAIN OIL	1, 2, 3	1625

ADDRESS	CITY	ZIP
273 W. SANTA CRUZ STREET	SAN PEDRO	90731

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DETAILS
URL: http://hwts.dtsc.ca.gov/hwts_Reports/ReportPages/Report04.aspx?trans=1625 Registration Number: 1625 Registration Date: 8/31/1985 Expiration Date: 8/31/1986 Last Updated: 4/28/1993 Record Entered: 9/5/1984 Standing Flag: Expired County: LOS ANGELES Mailing Address: 273 W. SANTA CRUZ STREET SAN PEDRO, CA 90731 Contact: ALBERTO LAUREL Position: OWNER Contact Number: 2135142632 Owner(s): ALBERTO LAUREL SHIRLEY MORANO EPA ID(s): CAX000092973

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-UST-CA	Listed	0.23 miles S	18 ft (3 ft lower than site)	**23**
SITE NAME			**MAPS**	**ID**
STAR-KIST FOODS INC PLANT 1			1, 2, 3	267396
ADDRESS			**CITY**	**ZIP**
181 FISH HARBOR WHARF			TERMINAL ISLAND	90731
DETAILS				
Note: ID has been assigned by ERS Tank Details: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00028830.pdf				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-UST-CA	Listed	0.23 miles SW	69 ft (48 ft higher than site)	**24**
SITE NAME			**MAPS**	**ID**
ARMED FORCES RESERVE CENTER			1, 2, 3	214360
ADDRESS			**CITY**	**ZIP**
NONE ARMED FORCES RESERVE CENTER			LOS ALAMITOS	90720

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DETAILS
Note: ID has been assigned by ERS Tank Details: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002EB51.pdf County: Orange

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-UST-CA	Listed	0.23 miles SW	69 ft (48 ft higher than site)	24
SITE NAME			**MAPS**	**ID**
LOS ALAMITOS ARMED FORCES RESE			1, 2, 3	246163
ADDRESS			**CITY**	**ZIP**
NONE ARMED FORCES RESERVE CENTER			LOS ALAMITOS	90720
DETAILS				
Note: ID has been assigned by ERS Tank Details: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002EE90.pdf County: Orange				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-UST-CA	Listed	0.23 miles SW	69 ft (48 ft higher than site)	24
SITE NAME			**MAPS**	**ID**
ARMED FORCES RESERVE CENTER L			1, 2, 3	214361
ADDRESS			**CITY**	**ZIP**
NONE ARMED FORCES RESERVE CENTER			LOS ALAMITOS	90720
DETAILS				
Note: ID has been assigned by ERS Tank Details: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002EB50.pdf County: Orange				

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
AIR-DIST-CA	Listed	0.23 miles N	13 ft (8 ft lower than site)	**25**

SITE NAME	MAPS	ID
M/S ROYAL PRINCESS C/O PRINCESS CRUISES	1, 2, 3	63163-SC

ADDRESS	CITY	ZIP
BERTH 91	SAN PEDRO	90731

DETAILS

District: South Coast APCD
Business Info ID: 63163
County Code: LA
County: Los Angeles
Facility Status: ACTIVE
Number of Employees: 0
Location Zip Code Extension: Not Reported
Facility Representative First Name: UNKNOWN
Facility Representative Last Name: UNKNOWN
Location Area Code: 213
Location Phone Number: 8345554
Location Phone Extension: Not Reported
Mailing Address: 10100 SANTA MONICA BLVD
Mailing City: LOS ANGELES
Mailing State: CA
Mailing Zip Code: 90067
Mailing Zip Code Extension: Not Reported
Mailing Area Code: 213
Mailing Phone Number: 8345554
Mailing Phone Extension: Not Reported
Mailing Representative First Name: UNKNOWN
Mailing Representative Last Name: UNKNOWN

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
AIR-DIST-CA	Listed	0.24 miles N	12 ft (9 ft lower than site)	**26**

SITE NAME	MAPS	ID
LOS ANGELES HARBOR	1, 2, 3	74063-SC

ADDRESS	CITY	ZIP
BERTH 93B	SAN PEDRO	90731

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DETAILS
District: South Coast APCD Business Info ID: 74063 County Code: LA County: Los Angeles Facility Status: ACTIVE Number of Employees: 0 Location Zip Code Extension: Not Reported Facility Representative First Name: Not Reported Facility Representative Last Name: Not Reported Location Area Code: Not Reported Location Phone Number: Not Reported Location Phone Extension: Not Reported Mailing Address: 140 W 6TH ST Mailing City: SAN PEDRO Mailing State: CA Mailing Zip Code: 90731 Mailing Zip Code Extension: 3314 Mailing Area Code: Not Reported Mailing Phone Number: Not Reported Mailing Phone Extension: Not Reported Mailing Representative First Name: Not Reported Mailing Representative Last Name: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
AIR-DIST-CA	Listed	0.24 miles N	12 ft (9 ft lower than site)	**26**
SITE NAME			**MAPS**	**ID**
ADMIRAL CRUISES - AZURE SEAS			1, 2, 3	56359-SC
ADDRESS			**CITY**	**ZIP**
BERTH 93A			SAN PEDRO	90731

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DETAILS
District: South Coast APCD Business Info ID: 56359 County Code: LA County: Los Angeles Facility Status: ACTIVE Number of Employees: 0 Location Zip Code Extension: Not Reported Facility Representative First Name: Not Reported Facility Representative Last Name: Not Reported Location Area Code: Not Reported Location Phone Number: Not Reported Location Phone Extension: Not Reported Mailing Address: 140 W 6TH ST Mailing City: SAN PEDRO Mailing State: CA Mailing Zip Code: 90731 Mailing Zip Code Extension: 3339 Mailing Area Code: Not Reported Mailing Phone Number: Not Reported Mailing Phone Extension: Not Reported Mailing Representative First Name: Not Reported Mailing Representative Last Name: Not Reported

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
AIR-DIST-CA	Listed	0.24 miles N	15 ft (6 ft lower than site)	**27**
SITE NAME			**MAPS**	**ID**
CITY OF LA, BOS,WASTEWATER COLL SYS DIV			1, 2, 3	76403-SC
ADDRESS			**CITY**	**ZIP**
675 FRONT ST (PP # 691)			SAN PEDRO	90731

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DETAILS
District: South Coast APCD Business Info ID: 76403 County Code: LA County: Los Angeles Facility Status: ACTIVE Number of Employees: 0 Location Zip Code Extension: Not Reported Facility Representative First Name: MICHAEL Facility Representative Last Name: LI Location Area Code: 714 Location Phone Number: 8613844 Location Phone Extension: Not Reported Mailing Address: 2714 MEDIA CENTER DR MS 536-01 ATTN: V LORENZO Mailing City: LOS ANGELES Mailing State: CA Mailing Zip Code: 90065 Mailing Zip Code Extension: Not Reported Mailing Area Code: 714 Mailing Phone Number: 8613844 Mailing Phone Extension: Not Reported Mailing Representative First Name: MICHAEL Mailing Representative Last Name: LI

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
AIR-DIST-CA	Listed	0.24 miles N	18 ft (3 ft lower than site)	**28**
SITE NAME			**MAPS**	**ID**
LOS ANGELES CITY, HARBOR DEPT			1, 2, 3	92944-SC
ADDRESS			**CITY**	**ZIP**
710 FRONT ST			SAN PEDRO	90731

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DETAILS
District: South Coast APCD Business Info ID: 92944 County Code: LA County: Los Angeles Facility Status: ACTIVE Number of Employees: 742 Location Zip Code Extension: Not Reported Facility Representative First Name: MICHAEL Facility Representative Last Name: LEMKE Location Area Code: 310 Location Phone Number: 5193860 Location Phone Extension: Not Reported Mailing Address: 425 S PALOS VERDES ST Mailing City: SAN PEDRO Mailing State: CA Mailing Zip Code: 90733 Mailing Zip Code Extension: 151 Mailing Area Code: 310 Mailing Phone Number: 5193860 Mailing Phone Extension: Not Reported Mailing Representative First Name: MICHAEL Mailing Representative Last Name: LEMKE

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
ALLFACS-IL	Listed	0.24 miles N	18 ft (3 ft lower than site)	**28**
SITE NAME			**MAPS**	**ID**
TODD PACIFIC SHIPYARDS			1, 2, 3	9060375079
ADDRESS			**CITY**	**ZIP**
710 FRONT ST			SAN PEDRO	90731

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DETAILS
URL: http://epadata.epa.state.il.us/land/inventory/deepSeids.asp?B1=9060375079&strInvNo=9060375079 LatDD: Not Reported LonDD: Not Reported Loc PO Box: Not Reported Loc Phone: 2138383361 Loc Contact: JOE TURNER Loc Mail: Not Reported Owner Name: Not Reported Owner Street: Not Reported Owner PO Box: Not Reported Owner City: Not Reported Owner State: Not Reported Own Zip: Not Reported Owner Phone: Not Reported Owner Contact: Not Reported Owner Mail: Not Reported Operator Name: Not Reported Operator Street: Not Reported Operator PO Box: Not Reported Operator City: Not Reported Operator State: Not Reported Operator Zip: Not Reported Operator Phone: Not Reported Operator Contact: Not Reported Operator Mailing Indicator: Not Reported USEPA ID Number: Not Reported SICCode: Not Reported More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	0.24 miles N	18 ft (3 ft lower than site)	28

SITE NAME	MAPS	ID
TODD PACIFIC SHIPYARDS CORPORATION	1, 2, 3	425696

ADDRESS	CITY	ZIP
710 N. FRONT ST	SAN PEDRO	90731

DETAILS
Reported Date: 1998

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	0.24 miles N	18 ft (3 ft lower than site)	**28**
SITE NAME			**MAPS**	**ID**
TODD PACIFIC			1, 2, 3	7746769
ADDRESS			**CITY**	**ZIP**
710 N. FRONT ST			SAN PEDRO	90731
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	0.24 miles N	18 ft (3 ft lower than site)	**28**
SITE NAME			**MAPS**	**ID**
TODD SHIP YARDS CORP			1, 2, 3	3078404
ADDRESS			**CITY**	**ZIP**
710 N. FRONT ST			SAN PEDRO	90731
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-CalFID-CA	Listed	0.24 miles N	18 ft (3 ft lower than site)	**28**
SITE NAME			**MAPS**	**ID**
1X CACI			1, 2, 3	7746768
ADDRESS			**CITY**	**ZIP**
710 N. FRONT ST			SAN PEDRO	90731
DETAILS				
Reported Date: 1998				

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-HWS-CA	Listed	0.24 miles N	18 ft (3 ft lower than site)	**28**
SITE NAME			**MAPS**	**ID**
TODD SHIPYARD			1, 2, 3	3078404
ADDRESS			**CITY**	**ZIP**
710 FRONT			SAN PEDRO	90731
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-LUSTIS-CA	Listed	0.24 miles N	18 ft (3 ft lower than site)	**28**
SITE NAME			**MAPS**	**ID**
TODD SHIPYARD			1, 2, 3	3078404
ADDRESS			**CITY**	**ZIP**
710 FRONT ST N			TERMINAL ISLAND	90731
DETAILS				
Reported Date: 1998				

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Hist-UST-CA	Listed	0.24 miles N	18 ft (3 ft lower than site)	**28**
SITE NAME			**MAPS**	**ID**
TODD PACIFIC SHIPYARDS CORPORA			1, 2, 3	271085
ADDRESS			**CITY**	**ZIP**
710 N FRONT STREET			SAN PEDRO	90731

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DETAILS
Note: ID has been assigned by ERS Tank Details: http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00028D4C.pdf

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
RCRA-NON-US	Listed	0.24 miles N	18 ft (3 ft lower than site)	**28**

SITE NAME	MAPS	ID
TODD PACIFIC SHIPYARDS CORPORATION	1, 2, 3	CAD008350332

ADDRESS	CITY	ZIP
710 N FRONT ST	SAN PEDRO	90731

DETAILS

Additional details may be found online using the following link:
http://oaspub.epa.gov/enviro/fii_query_dtl.disp_program_facility?pgm_sys_id_in=CAD008350332&pgm_sys_acrnm_in=RCRAINFO
Source Type: Notification
Generator Status Universe: N
Generator Status: Non-Generator
NAICS1: SHIP BUILDING AND REPAIRING
NAICS2: SHIP BUILDING AND REPAIRING
Active Site Indicator: -----
Owner Name: NOT REQUIRED
Operator Name: NOT REQUIRED
In Handler Universes: N
In a Universe: N
Short Term Generator: N
Importer Activity: N
Mixed Waste Generator: N
Transporter Activity: N
Transfer Facility: N
Recycler Activity: N
Onsite Burner Exemption: N
Furnace Exemption: N
Underground Injection Activity: N
Receives Waste From Off-site: N
Universal Waste: N
Universal Waste Destination Facility: N
Used Oil Universe: NNNNNNN
Federal Universal Waste: N
Active Site Federally Regulated TSDF: ------
More Details Link

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
WDR-CA	Listed	0.24 miles N	12 ft (9 ft lower than site)	**29**

SITE NAME	MAPS	ID
Catalina Cruise Terminal	1, 2, 3	989008

ADDRESS	CITY	ZIP
1510 Swinford Street Berth 95	San Pedro	90731

DETAILS

Note: This is an ERS assigned Automated ID.
SIC/NAICS: 4789
County: Los Angeles
Region: 4 - Los Angeles
WDID: 4B198600188
Agency: Chevron Environmental Management Company Brea
Agency Address: 145 South State College Boulevard 4089, Brea, CA 92821-5818
Place/Project Type: Service/Commercial Site, NEC
Program: WDRNONMUNIPRCS
Regulatory Measure Status: Historical
Regulatory Measure Type: Enrollee
Order Number: R4-2007-0019
NPDES Number: Not Reported
Adoption Date: Not Reported
Effective Date: 5/7/2012
Termination Date: 6/13/2012
Expiration/Review Date: 5/7/2017
Design Flow: Not Reported
Major/Minor: Not Reported
Complexity: A
TTWQ: 3
Number Of Enforcement Actions within 5 years: 0
Number Of Violations within 5 years: 0
Latitude: 33.751449584961
Longitude: -118.275207519531

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
AIR-DIST-CA	Listed	0.25 miles S	30 ft (9 ft higher than site)	**30**

SITE NAME	MAPS	ID
TWO HARBORS ENTERPRISES, INC	1, 2, 3	138419-SC

ADDRESS	CITY	ZIP
TWO HARBORS	AVALON	90704

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DETAILS
District: South Coast APCD Business Info ID: 138419 County Code: LA County: Los Angeles Facility Status: SOLD Number of Employees: 10 Location Zip Code Extension: Not Reported Facility Representative First Name: LOUIS Facility Representative Last Name: LATKA Location Area Code: 714 Location Phone Number: 5014242 Location Phone Extension: Not Reported Mailing Address: P O BOX 2530 Mailing City: AVALON Mailing State: CA Mailing Zip Code: 90704 Mailing Zip Code Extension: Not Reported Mailing Area Code: 714 Mailing Phone Number: 5014242 Mailing Phone Extension: Not Reported Mailing Representative First Name: LOUIS Mailing Representative Last Name: LATKA

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
AIR-DIST-CA	Listed	0.25 miles S	30 ft (9 ft higher than site)	**30**
SITE NAME			**MAPS**	**ID**
SANTA CATALINA ISLAND RESORT SERVICES, I			1, 2, 3	172911-SC
ADDRESS			**CITY**	**ZIP**
TWO HARBORS			AVALON	90704

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DETAILS
District: South Coast APCD Business Info ID: 172911 County Code: LA County: Los Angeles Facility Status: ACTIVE Number of Employees: 10 Location Zip Code Extension: Not Reported Facility Representative First Name: GINA Facility Representative Last Name: LONG Location Area Code: 310 Location Phone Number: 5102000 Location Phone Extension: 1413 Mailing Address: P.O. BOX 811 Mailing City: AVALON Mailing State: CA Mailing Zip Code: 90704 Mailing Zip Code Extension: Not Reported Mailing Area Code: 310 Mailing Phone Number: 5102000 Mailing Phone Extension: 1413 Mailing Representative First Name: GINA Mailing Representative Last Name: LONG

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
AIR-DIST-CA	Listed	0.25 miles S	30 ft (9 ft higher than site)	**30**
SITE NAME			**MAPS**	**ID**
SANTA CATALINA ISLAND RESORT SERVICES, I			1, 2, 3	172915-SC
ADDRESS			**CITY**	**ZIP**
TWO HARBORS ISTHMUS			AVALON	90704

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DETAILS
District: South Coast APCD Business Info ID: 172915 County Code: LA County: Los Angeles Facility Status: ACTIVE Number of Employees: 0 Location Zip Code Extension: 9999 Facility Representative First Name: GINA Facility Representative Last Name: LONG Location Area Code: 310 Location Phone Number: 5102000 Location Phone Extension: 1413 Mailing Address: P.O. BOX 811 Mailing City: AVALON Mailing State: CA Mailing Zip Code: 90704 Mailing Zip Code Extension: 0 Mailing Area Code: 310 Mailing Phone Number: 5102000 Mailing Phone Extension: 1413 Mailing Representative First Name: GINA Mailing Representative Last Name: LONG

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
AST-CA	Listed	0.25 miles S	30 ft (9 ft higher than site)	**30**
SITE NAME			**MAPS**	**ID**
Not Reported by Agency			1, 2, 3	3646
ADDRESS			**CITY**	**ZIP**
BERTHS 171-173 TANK FARM #2			WILMINGTON	90744
DETAILS				
County: Los Angeles CUPA Office County: City of Los Angeles Owner Name: GATX TERMINALS CORP. Total Gallons: 105,000				

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
AST-CA	Listed	0.25 miles S	30 ft (9 ft higher than site)	**30**
SITE NAME			**MAPS**	**ID**
Not Reported by Agency			1, 2, 3	3650
ADDRESS			**CITY**	**ZIP**
BERTHS 171-173 TANK FARM #2			WILMINGTON	90744

DETAILS

County: Los Angeles
CUPA Office County: City of Los Angeles
Owner Name: GATX TERMINALS CORP.
Total Gallons: 310,800

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
AST-CA	Listed	0.25 miles S	30 ft (9 ft higher than site)	**30**
SITE NAME			**MAPS**	**ID**
Not Reported by Agency			1, 2, 3	3653
ADDRESS			**CITY**	**ZIP**
BERTHS 171-173 TANK FARM #2			WILMINGTON	90744

DETAILS

County: Los Angeles
CUPA Office County: City of Los Angeles
Owner Name: GATX TERMINALS CORP.
Total Gallons: 420,000

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
AST-CA	Listed	0.25 miles S	30 ft (9 ft higher than site)	**30**

SITE NAME	MAPS	ID
Not Reported by Agency	1, 2, 3	3817

ADDRESS	CITY	ZIP
BERTHS 171-173 TANK FARM #2	WILMINGTON	90744

DETAILS

County: Los Angeles
CUPA Office County: City of Los Angeles
Owner Name: GATX TERMINALS CORP.
Total Gallons: 1,470,000

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
AST-CA	Listed	0.25 miles S	30 ft (9 ft higher than site)	**30**

SITE NAME	MAPS	ID
Not Reported by Agency	1, 2, 3	3844

ADDRESS	CITY	ZIP
BERTHS 171-173 TANK FARM #2	WILMINGTON	90744

DETAILS

County: Los Angeles
CUPA Office County: City of Los Angeles
Owner Name: GATX TERMINALS CORP.
Total Gallons: 3,600,000

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DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
AST-CA	Listed	0.25 miles S	30 ft (9 ft higher than site)	**30**
SITE NAME			**MAPS**	**ID**
Not Reported by Agency			1, 2, 3	3845
ADDRESS			**CITY**	**ZIP**
BERTHS 171-173 TANK FARM #2			WILMINGTON	90744
DETAILS				

County: Los Angeles
CUPA Office County: City of Los Angeles
Owner Name: GATX TERMINALS CORP.
Total Gallons: 3,600,000

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
SLIC-Open-CA	Open - Inactive	0.26 miles N	15 ft (6 ft lower than site)	**31**
SITE NAME			**MAPS**	**ID**
PORT OF LOS ANGELES - TODD SHIPYARD			1, 3	SLT4L8011872
ADDRESS			**CITY**	**ZIP**
100 REGAN ST.			LOS ANGELES	90731

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DETAILS

Sites Details
URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=SLT4L8011872
Global ID: SLT4L8011872
Case Type: Cleanup Program Site
Status: Open - Inactive
Status Date: 6/26/2014
CUF Case: NO
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Worker: Not Reported
Local Agency: Not Reported
RB Case Number: 801
Loc Case Number: Not Reported
File Location: Regional Board
Potential Contaminants of Concern: Chromium, Copper, Lead, Mercury (elemental)
Potential Media Affected: Soil
Site History: Not Reported
Begin Date: 7/30/1998
How Discovered: Not Reported
How Discovered Description: Not Reported
Stop Method: Not Reported
Stop Method Description: Not Reported
Agency Provided Latitude: 33.751921
Agency Provided Longitude: -118.275874

Regulatory Activities Details
Action Date: 1965-01-02 00:00:00
More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
SLIC-Open-CA	Open - Assessment & Interim Remedial Action	0.29 miles N	11 ft (10 ft lower than site)	32

SITE NAME	MAPS	ID
PORT OF LOS ANGELES - BERTHS 142-143	1, 3	SL2043J1566

ADDRESS	CITY	ZIP
142-144 BERTHS	SAN PEDRO	

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DETAILS

Sites Details
URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=SL2043J1566
Global ID: SL2043J1566
Case Type: Cleanup Program Site
Status: Open - Assessment & Interim Remedial Action
Status Date: 5/11/1998
CUF Case: NO
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Worker: ABL
Local Agency: Not Reported
RB Case Number: 788
Loc Case Number: Not Reported
File Location: Regional Board
Potential Contaminants of Concern: Not Reported
Potential Media Affected: Other Groundwater (uses other than drinking water), Soil, Surface water
Site History: The site is part of the land currently owned by the Port of Los Angeles, and leased by TraPac (site tenant) as a bulk cargo and container loading and trasnfer facility. Berths 142-143 has been impacted by a release of chemicals that were used in a historical wood treatment facility that operated for approximately 30 years (1925-1955). Subsurface investigations have been performed since 1988 and found creosote and associated polycyclic aromatic hydrocarbons (PAHs) migrating downward from the former creosote treatment facility into the soil and shallow groundwater. The nature of the contamants are creosote-related chemicals including semivolatile organic compounds; heavy-end petroleum hydrocarbons; metals including arsenic, chromium, copper, and zinc; and minor volatile organic compounds. The primary chemicals of concern at the site were PAHs and arsenic. Human health risk assessment concluded that the risks posed to humans by the contaminants could be effectively mitigated using controls such as personal protective equipment. During the wharf reconstruction activities in 2001, from July 30 to August 27, 2001, an approximately 350-foot-long sheet-pile wall near the southern limit of Berth 142 was installed. Dense non-aqueous phase liquid (DNAPL) recovery actions have been undertaken since 2005. Previous environmental investigations conducted at the site were summaried in a conceptual site model report updated in September 2009. In 2012 POLA proposed Limited Subsurface Investigation to evaluate the migration path of the DNAPL, and further evalulate the extent of known DNAPL impacted area.
Begin Date: 5/11/1998
How Discovered: Not Reported
How Discovered Description: Not Reported
Stop Method: Not Reported
Stop Method Description: Not Reported
Agency Provided Latitude: 33.7650027426485
Agency Provided Longitude: -118.270890712738

Regulatory Activities Details
Action Date: 1965-01-02 00:00:00
More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
SLIC-Open-CA	Open - Assessment & Interim Remedial Action	0.29 miles N	11 ft (10 ft lower than site)	33

SITE NAME	MAPS	ID
UNOCAL MARINE TERMINAL	1, 3	SLT4307169

ADDRESS	CITY	ZIP
No Numbers BERTHS 148-151	LOS ANGELES	90001

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DETAILS

Sites Details
URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=SLT4307169
Global ID: SLT4307169
Case Type: Cleanup Program Site
Status: Open - Assessment & Interim Remedial Action
Status Date: 6/30/2002
CUF Case: NO
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Worker: EHW
Local Agency: Not Reported
RB Case Number: 120
Loc Case Number: Not Reported
File Location: All Files are on GeoTracker or in the Local Agency Database
Potential Contaminants of Concern: Tetrachloroethylene (PCE), Trichloroethylene (TCE), Total Petroleum Hydrocarbons (TPH)
Potential Media Affected: Other Groundwater (uses other than drinking water)
Site History: Phillips 66 (formerly ConocoPhillips Company [ConocoPhillips]) operates a bulk fuel terminal facility known as the Los Angeles Refinery, Marine Terminal (LAMT, site). The LAMT consists of 13.5 acres of leased land located within a 15-acre parcel at the Los Angeles Harbor (Figure 1). Petroleum products are transferred between the LAMT and the Phillips 66 Los Angeles Refinery, Wilmington Plant (LARW) through underground pipelines. Environmental investigations and remediation activities have been conducted at the site since 1987 to assess and mitigate releases of chemicals to soil and groundwater beneath the LAMT.
Begin Date: 6/30/2002
How Discovered: Not Reported
How Discovered Description: NA
Stop Method: Not Reported
Stop Method Description: NA
Agency Provided Latitude: 33.7566005008641
Agency Provided Longitude: -118.272285461426

Regulatory Activities Details
Action Date: 1996-01-01 00:00:00
More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
SLIC-Open-CA	Open - Remediation	0.29 miles N	11 ft (10 ft lower than site)	33

SITE NAME	MAPS	ID
SHELL - MORMON ISLAND	1, 3	SLT4229a1784

ADDRESS	CITY	ZIP
N/A BERTHS 157 - 169	LOS ANGELES	90744

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DETAILS

Sites Details
URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=SLT4229a1784
Global ID: SLT4229a1784
Case Type: Cleanup Program Site
Status: Open - Remediation
Status Date: 2/29/2016
CUF Case: NO
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Worker: JYL
Local Agency: Not Reported
RB Case Number: 0229A
Loc Case Number: Not Reported
File Location: Regional Board
Potential Contaminants of Concern: Not Reported
Potential Media Affected: Aquifer used for drinking water supply, Sediments, Soil, Soil Vapor, Surface water
Site History: The site is a marine fuel terminal with LNAPL and dissolved-phase gasoline compounds in shallow groundwater.
Begin Date: 9/17/1997
How Discovered: Not Reported
How Discovered Description: Not Reported
Stop Method: Not Reported
Stop Method Description: Not Reported
Agency Provided Latitude: 33.7547807986074
Agency Provided Longitude: -118.267114162445

Regulatory Activities Details
Action Date: 1965-01-02 00:00:00
More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
SLIC-Open-CA	Open - Inactive	0.29 miles N	12 ft (9 ft lower than site)	34

SITE NAME	MAPS	ID
FORMER NATIONAL METALS & STEEL CORP.	1, 3	SLT43198196

ADDRESS	CITY	ZIP
BERTHS 212-213	SAN PEDRO	90733

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DETAILS

Sites Details
URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=SLT43198196
Global ID: SLT43198196
Case Type: Cleanup Program Site
Status: Open - Inactive
Status Date: 1/1/1965
CUF Case: NO
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Worker: LAC
Local Agency: Not Reported
RB Case Number: 300
Loc Case Number: Not Reported
File Location: Not Reported
Potential Contaminants of Concern: Not Reported
Potential Media Affected: Not Reported
Site History: Not Reported
Begin Date: Not Reported
How Discovered: Not Reported
How Discovered Description: Not Reported
Stop Method: Not Reported
Stop Method Description: Not Reported
Agency Provided Latitude: 33.730747
Agency Provided Longitude: -118.276843

Regulatory Activities Details
: Not Reported
More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
SLIC-Open-CA	Open - Assessment & Interim Remedial Action	0.31 miles N	15 ft (6 ft lower than site)	35

SITE NAME	MAPS	ID
Former Union Oil Harbor Pipelines	1, 3	T10000003711

ADDRESS	CITY	ZIP
N/A Front Street	San Pedro	90731

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DETAILS

Sites Details
URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T10000003711
Global ID: T10000003711
Case Type: Cleanup Program Site
Status: Open - Assessment & Interim Remedial Action
Status Date: 5/15/2012
CUF Case: NO
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Worker: AS
Local Agency: Not Reported
RB Case Number: 1277
Loc Case Number: Not Reported
File Location: Regional Board
Potential Contaminants of Concern: Lead, Crude Oil, Diesel, Gasoline, Naphthalene, Total Petroleum Hydrocarbons (TPH)
Potential Media Affected: Other Groundwater (uses other than drinking water), Soil
Site History: A 12-inch diameter inactive Unocal Pipeline was located on the Port of Los Angeles property. The pipeline transported petroleum products from Berth 46 Supertanker Terminal to the Conoco Phillips refinery. The pipeline passed through long within two of the Ports redevelopment projects; 1)Front Street Widening and Beautification Project, and 2) Phase III China Shipping Expansion Project.The Unocal pipeline was removed by Phillips 66 Company (Phillips 66) though some segments were abandoned-in-place due to underground utility conflicts and/or safety concerns. results from multiple assessment identified petroleum hydrocarbon in soil and groundwater beneath the pipeline corridor. A remedial action is being reviewed by the Regional Board staff.
Begin Date: 5/15/2012
How Discovered: Not Reported
How Discovered Description: Not Reported
Stop Method: Not Reported
Stop Method Description: Not Reported
Agency Provided Latitude: 33.7500295
Agency Provided Longitude: -118.2814852

Regulatory Activities Details
Action Date: 2012-05-15 00:00:00
More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
SML-CA	Listed	0.31 miles N	14 ft (7 ft lower than site)	**36**

SITE NAME	MAPS	ID
TODD SHIPYARDS	1, 3	SD0010341

ADDRESS	CITY	ZIP
701 FRONT ST	SAN PEDRO	

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DETAILS
Record ID: SD0010341 Facility ID: Not Reported Assigned To: Don Thompson Abated Date: 3/31/1997 Abated? (Y/N): Y Folder Location: FILE: SUP OFFICE GRAY CABINET.

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
SLIC-Open-CA	Open - Assessment & Interim Remedial Action	0.31 miles NE	12 ft (9 ft lower than site)	37
SITE NAME			**MAPS**	**ID**
FORMER CHEVRON MARINE TERMINAL			1, 3	SL0603707909
ADDRESS			**CITY**	**ZIP**
1510 SWINFORD STREET			SAN PEDRO	90731

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DETAILS

Sites Details
URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=SL0603707909
Global ID: SL0603707909
Case Type: Cleanup Program Site
Status: Open - Assessment & Interim Remedial Action
Status Date: 7/30/2010
CUF Case: NO
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Worker: AS
Local Agency: Not Reported
RB Case Number: 1150
Loc Case Number: Not Reported
File Location: Regional Board
Potential Contaminants of Concern: Diesel, Heating Oil / Fuel Oil, Other Petroleum, Waste Oil / Motor / Hydraulic / Lubricating
Potential Media Affected: Soil, Soil Vapor, Surface water
Site History: The CMT, located adjacent to the CCT, operated for approximately 70 years. Facilities include 20 large aboveground fuel storage tanks, associated above- and underground piping, and buildings. Primary operations at the CMT included fueling ships with bunker fuel and filling tanker trucks with lube oils and other petroleum products (McLaren/Hart, 1994). The former CMT property previously occupied the PoLA Berths 97 and 102. This terminal was demolished between 1991 and 1993. Due to the widening of the adjacent turning basin, approximately 9 acres of the northeastern portion of the CMT were removed to a depth of approximately 45 feet below the mean lower low water (MLLW) level. Consequently, the property was reconfigured to its current layout, occupying what is now called Berth 100. The CCT is located on the adjacent property to the south (Berth 96). Environmental investigations performed at both the former CMT and CCT sites indicate that the contaminant plume originating at the former CMT extends onto the adjacent CCT property. The major contaminants of concern are petroleum hydrocarbons in soils and groundwater. Additional subsurface investigations are ongoing to completely delineate impact. Measurable non-aqueous phase liquid (NAPL) was detected on October 10, 2006 in one of the groundwater monitoring wells, MW-3. Recovery activities using bailers were performed from January to April 2007. From May 2007 to the present, oil-absorbent socks (i.e., SoakEase® or equivalent) have been used in well MW-03 in order to recover NAPL. Currently, the socks are removed and replaced once a week.
Begin Date: 4/1/2004
How Discovered: Other Means, Site Assessment/Site Investigation, Tank Closure
How Discovered Description: During redevelopment of Wharf area by POLA
Stop Method: Close and Remove Tank
Stop Method Description: AGT removals and impacted soil
Agency Provided Latitude: 33.749942
Agency Provided Longitude: -118.277888

Regulatory Activities Details
Action Date: 1970-01-01 00:00:00
More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Cal-Eval-Hist	Listed	0.38 miles S	35 ft (14 ft higher than site)	38
SITE NAME			**MAPS**	**ID**
PORT OF LOS ANGELES BERTH 174			1, 3	19440005
ADDRESS			**CITY**	**ZIP**
425 SOUTH PALOS VERDES STREET			SAN PEDRO	90733

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DETAILS
URL: http://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=19440005 Envirostor ID: 19440005 County: LOS ANGELES Site Type: Evaluation Site Type Detailed: Evaluation Acres: 0 APN: NONE SPECIFIED National Priorities List: NO Lead Agency: US EPA Project Manager: Not Reported Supervisor: Eileen Mananian Division Branch: Cleanup Cypress Site Code: Not Reported Assembly: 70 Senate: 35 Congressional District: 44 Special Program: EPA - PASI Status: Refer: RWQCB Status Date: 2011-01-11 00:00:00 Past Uses: NONE SPECIFIED Restricted Use: NO Funding: Not Reported Regulatory Agencies Involved: US EPA Potential Contamination of Concern: NONE SPECIFIED Confirmed Contamination of Concern: NONE SPECIFIED Potential Media Affected: NONE SPECIFIED Site MGMT REQ: NONE SPECIFIED More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
ALLFACS-IL	Listed	0.38 miles S	35 ft (14 ft higher than site)	**38**
SITE NAME			**MAPS**	**ID**
PORT OF LOS ANGELES			1, 3	9060376612
ADDRESS			**CITY**	**ZIP**
425 S PALOS VERDES ST			SAN PEDRO	907330151

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DETAILS
URL: http://epadata.epa.state.il.us/land/inventory/deepSeids.asp?B1=9060376612&strInvNo=9060376612 LatDD: Not Reported LonDD: Not Reported Loc PO Box: Not Reported Loc Phone: 3105193971 Loc Contact: RICHARD GREEN Loc Mail: Not Reported Owner Name: PORT OF LOS ANGELES Owner Street: 425 S PALOS VERDES ST Owner PO Box: Not Reported Owner City: SAN PEDRO Owner State: CA Own Zip: 907330151 Owner Phone: 3105193971 Owner Contact: Not Reported Owner Mail: Not Reported Operator Name: PORT OF LOS ANGELES Operator Street: 425 S PALOS VERDES ST Operator PO Box: Not Reported Operator City: SAN PEDRO Operator State: CA Operator Zip: 907330151 Operator Phone: 3105193971 Operator Contact: Not Reported Operator Mailing Indicator: Not Reported USEPA ID Number: Not Reported SICCode: Not Reported More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
SML-CA	Listed	0.4 miles S	35 ft (14 ft higher than site)	38
SITE NAME			MAPS	ID
PORT OF LA BERTH 174			1, 3	SD0011059
ADDRESS			CITY	ZIP
425 S PALOS VERDES ST			SAN PEDRO	

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DETAILS
Record ID: SD0011059 Facility ID: FA0020115 Assigned To: Not Reported Abated Date: Not Reported Abated? (Y/N): N Folder Location: NO FILE.

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
CERCLIS-Archived-US	NFRAP-Site does not qualify for the NPL based on existing information	0.46 miles W	77 ft (56 ft higher than site)	39

SITE NAME	MAPS	ID
PLAZA AUTOMOTIVE CENTER	1, 3	CAD982403370

ADDRESS	CITY	ZIP
505 NORTH PACIFIC AVE	SAN PEDRO	90731

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DETAILS

Program and Facility Information
EPA ID: CAD982403370
Site ID: 905279
Region: 9
County: LOS ANGELES
Street Address 2: Not Reported
Congressional District: 32
FIPS Code: 6037
NPL Status: Not on the NPL
Federal Facility?: N
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information
Agency Provided Latitude: Not Reported
Agency Provided Longitude: Not Reported

Additional Information
Site ID: 905279
Region Code: 9
Site Parent ID: Not Reported
Parent Site Name: Not Reported
RAT Code: DS
Action Code ID: 1
Action Short Name: DISCVRY
Start Date: Not Reported
Completion Date: 8/23/1995
Lead Type: State (Fund)
Action Qualifier: Not Reported
More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Cal-Eval-Hist	Listed	0.48 miles W	77 ft (56 ft higher than site)	39
SITE NAME			MAPS	ID
PLAZA AUTOMOTIVE CENTER			1, 3	19750082
ADDRESS			CITY	ZIP
505 NORTH PACIFIC AVENUE			SAN PEDRO	90731

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DETAILS

URL: http://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=19750082
Envirostor ID: 19750082
County: LOS ANGELES
Site Type: Historical
Site Type Detailed: * Historical
Acres: Not Reported
APN: 7448027031
National Priorities List: NO
Lead Agency: US EPA
Project Manager: Not Reported
Supervisor: * Rebecca Chou
Division Branch: Cleanup Chatsworth
Site Code: 400567
Assembly: 70
Senate: 35
Congressional District: 44
Special Program: Not Reported
Status: Inactive - Needs Evaluation
Status Date: 1996-10-03 00:00:00
Past Uses: NONE SPECIFIED
Restricted Use: NO
Funding: Not Reported
Regulatory Agencies Involved: US EPA
Potential Contamination of Concern: 10002, 10003, 10009, 10064, 10067, 10196, 10198, 10199, 20010, 20017
Confirmed Contamination of Concern: NONE SPECIFIED
Potential Media Affected: NONE SPECIFIED
Site MGMT REQ: NONE SPECIFIED
More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Historical-CA	Listed	0.48 miles W	77 ft (56 ft higher than site)	**39**

SITE NAME	MAPS	ID
PLAZA AUTOMOTIVE CENTER	1, 3	19750082

ADDRESS	CITY	ZIP
505 NORTH PACIFIC AVENUE	SAN PEDRO	90731

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DETAILS
URL: http://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=19750082 Envirostor ID: 19750082 County: LOS ANGELES Program Type: HISTORICAL Status: INACTIVE - NEEDS EVALUATION Status Date: 10/3/1996 Site Code: 400567 Agency Provided Latitude: 33.74742967 Agency Provided Longitude: -118.2882285

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
SML-CA	Listed	0.49 miles NW	77 ft (56 ft higher than site)	**39**
SITE NAME			**MAPS**	**ID**
PLAZA AUTOMOTIVE CENTER			1, 3	SD0011825
ADDRESS			**CITY**	**ZIP**
505 N PACIFIC AVE			SAN PEDRO	

DETAILS
Record ID: SD0011825 Facility ID: FA0019669 Assigned To: Not Reported Abated Date: Not Reported Abated? (Y/N): N Folder Location: NO FILE.

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Cal-State-Response-Active	Listed	0.65 miles SW	85 ft (64 ft higher than site)	**40**
SITE NAME			**MAPS**	**ID**
RICHARDS CLEANERS			1, 3	60000408
ADDRESS			**CITY**	**ZIP**
538 WEST 5TH STREET			SAN PEDRO	90731

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DETAILS

URL: http://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=60000408
Envirostor ID: 60000408
County: LOS ANGELES
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 0.34
APN: 7451-027-004
National Priorities List: NO
Lead Agency: SMBRP
Project Manager: Joseph Cully
Supervisor: Douglas Bautista
Division Branch: Cleanup Cypress
Site Code: 401317
Assembly: 70
Senate: 35
Congressional District: 44
Special Program: Not Reported
Status: Active
Status Date: 2013-09-19 00:00:00
Past Uses: DRY CLEANING
Restricted Use: NO
Funding: Responsible Party
Regulatory Agencies Involved: SMBRP
Potential Contamination of Concern: 30022, 30025, 30027
Confirmed Contamination of Concern: 30022,30025,30027
Potential Media Affected: AQUI, OTH, SOIL, SV
Site MGMT REQ: NONE SPECIFIED
More Details Link

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Response-CA	ACTIVE	0.65 miles SW	85 ft (64 ft higher than site)	**40**

SITE NAME	MAPS	ID
RICHARDS CLEANERS	1, 3	60000408

ADDRESS	CITY	ZIP
538 WEST 5TH STREET	SAN PEDRO	90731

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DETAILS
URL: http://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=60000408 Envirostor ID: 60000408 Program Type: STATE RESPONSE Cleanup Status: ACTIVE Status Date: 9/19/2013 County: LOS ANGELES Site Code: 401317 Agency Provided Latitude: 33.7399207337438 Agency Provided Longitude: -118.288849643389

DATABASE	STATUS	DISTANCE	ELEVATION	MAP ID
Cal-Military-Other	Listed	0.81 miles E	6 ft (15 ft lower than site)	**41**

SITE NAME	MAPS	ID
TERMINAL ISL BAR BAL A	1, 3	80000484

ADDRESS	CITY	ZIP
Not Reported by Agency	Long Beach	

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DETAILS

URL: http://www.envirostor.dtsc.ca.gov/public/profile_report.asp?global_id=80000484
Envirostor ID: 80000484
County: LOS ANGELES
Site Type: Military Evaluation
Site Type Detailed: FUDS
Acres: Not Reported
APN: NONE SPECIFIED
National Priorities List: NO
Lead Agency: SMBRP
Project Manager: Not Reported
Supervisor: Douglas Bautista
Division Branch: Cleanup Cypress
Site Code: Not Reported
Assembly: 70
Senate: 35
Congressional District: 44
Special Program: Not Reported
Status: Inactive - Needs Evaluation
Status Date: 2005-07-01 00:00:00
Past Uses: NONE SPECIFIED
Restricted Use: NO
Funding: DERA
Regulatory Agencies Involved: SMBRP
Potential Contamination of Concern: NONE SPECIFIED
Confirmed Contamination of Concern: NONE SPECIFIED
Potential Media Affected: NONE SPECIFIED
Site MGMT REQ: NONE SPECIFIED
More Details Link

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RECORDS SOURCES SEARCHED

Air-CA
Air Permits with Emissions
Category: ERS Supplemental Govt Sources
Description: This database contains permitted facilities that report to the ARB by the different Air Quality Districts.
Agency: California Air Resources Board
Phone Number: 9163222990
Date last updated: 7/17/2015
Date last checked: 12/2/2016
Distance searched: 0.25 miles
Sites:
None Found

AIR-DIST-CA
Air Pollution Control District
Category: ERS Supplemental Govt Sources
Description: This database contains air permitted facilities as reported by various Air Quality and Air Pollution Control Districts in California.
Antelope Valley AQMD: (661) 723-8070
Butte AQMD: (530) 332-9400
Mariposa County APCD: (209) 966-2220
North Coast Unified AQMD: (707) 443-3093
Placer APCD: (530) 745-2330
Sacramento AQMD: (916) 874-4800
San Diego County APCD: (858) 586-2600
Santa Barbara APCD: (805) 961-8800
South Coast AQMD: (909) 396-2000
Agency: Local District Agencies
Phone Number: 7146698096
Date last updated: 11/25/2016
Date last checked: 7/31/2015
Distance searched: 0.25 miles
Sites:

ARCO BATTERY MFG CO	MapID: 1	Listed
LITTLE FISHERMAN	MapID: 3	Listed
L. A. MARINE HARDWARE	MapID: 4	Listed
LOS ANGELE CITY, HARBOR DEPT	MapID: 15	Listed
YIHE	MapID: 17	Listed
PACIFIC TEXAS PIPELINE CO	MapID: 17	Listed
WORLD CRUISE TERMINAL	MapID: 20	Listed
M/S ROYAL PRINCESS C/O PRINCESS CRUISES	MapID: 25	Listed
LOS ANGELES HARBOR	MapID: 26	Listed

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ADMIRAL CRUISES - AZURE SEAS	MapID: 26	Listed
CITY OF LA, BOS,WASTEWATER COLL SYS DIV	MapID: 27	Listed
LOS ANGELES CITY, HARBOR DEPT	MapID: 28	Listed
TWO HARBORS ENTERPRISES, INC	MapID: 30	Listed
SANTA CATALINA ISLAND RESORT SERVICES, I	MapID: 30	Listed
SANTA CATALINA ISLAND RESORT SERVICES, I	MapID: 30	Listed

ALLFACS-IL
All Facilities
Category: ERS Supplemental Govt Sources
Description: This database contains Bureau of Land Regulated facilities as reported by the Illinois Environmental Protection Agency.
Agency: Illinois Environmental Protection Agency
Phone Number: 2175243300
Date last updated: 1/15/2016
Date last checked: 11/20/2015
Distance searched: 0.5 miles
Sites:

TODD PACIFIC SHIPYARDS	MapID: 28	Listed
PORT OF LOS ANGELES	MapID: 38	Listed

AST-CA
Aboveground Storage Tanks
Category: State/Tribal UST
Description: This database includes aboveground storage tanks previously maintained by the California EPA. The data is historic as AST's are now tracked by local county offices.
Agency: California Environmental Protection Agency
Phone Number: 9163232514
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:

Name not provided by Agency/Source	MapID: 30	Listed
Name not provided by Agency/Source	MapID: 30	Listed
Name not provided by Agency/Source	MapID: 30	Listed
Name not provided by Agency/Source	MapID: 30	Listed
Name not provided by Agency/Source	MapID: 30	Listed
Name not provided by Agency/Source	MapID: 30	Listed

BF-US
A Listing of Brownfields Sites

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Category: Federal Brownfield
Description: This database contains a listing of Brownfields sites listed under the "Cleanups in My Community" program maintained by EPA.
Agency: United States Environmental Protection Agency
Phone Number: 2025662777
Date last updated: 9/30/2016
Date last checked: 9/13/2016
Distance searched: 0.5 miles
Sites:
None Found

BioFuel-US
Bio Diesel Fuel
Category: ERS Supplemental Govt Sources
Description: This database contains a listing of EPA Fuels Programs facilities.
Agency: United States Environmental Protection Agency
Phone Number: 2023439303
Date last updated: 7/27/2015
Date last checked: 7/8/2015
Distance searched: 0.25 miles
Sites:
None Found

Cal-BZ-HazWaste-CA
Border Zone or Hazardous Waste Property
Category: State/Tribal ASTM Other
Description: This database Identifies properties that went through the Border Zone Property or Hazardous Waste Property process of evaluation as reported by California Department of Toxic and Substance Control. Potential Border Zone properties are located within 2,000 feet of a significant disposal of hazardous waste; Hazardous Waste Property facilities/sites have a significant disposal of hazardous waste.
Agency: California Department of Toxic and Substance Control.
Phone Number: 9163233400
Date last updated: 12/7/2016
Date last checked: 12/1/2016
Distance searched: 0.5 miles
Sites:
None Found

Cal-CorAct-Closed-CA
Corrective Action Sites
Category: State/Tribal ASTM Other

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Description: This database contains Investigation or cleanup activities at Resource Conservation and Recovery Act (RCRA) or state-only hazardous waste reported by the California Department of Toxic and Substance Control.
Agency: California Department of Toxic and Substance Control.
Phone Number: 9163233400
Date last updated: 12/7/2016
Date last checked: 12/1/2016
Distance searched: 0.5 miles
Sites:
None Found

Cal-CorAct-Open-CA
Corrective Action Sites
Category: State/Tribal ASTM Other
Description: This database contains Investigation or cleanup activities at Resource Conservation and Recovery Act (RCRA) or state-only hazardous waste reported by the California Department of Toxic and Substance Control.
Agency: California Department of Toxic and Substance Control.
Phone Number: 9163233400
Date last updated: 12/7/2016
Date last checked: 12/1/2016
Distance searched: 0.5 miles
Sites:
None Found

Cal-Eval-Hist
EnviroStor Database Evaluation History Listing
Category: State/Tribal Voluntary Cleanup Sites
Description: This database contains a listing of Historical Sites. Historical sites are Identified sites from an older database where no site type was identified. Most of these sites have a status of Referred or No Further Action. DTSC is working to clean up this data by identifying an appropriate site type for each Historic Site.
Agency: California Department of Toxic Substances Control
Phone Number: 9163233400
Date last updated: 12/7/2016
Date last checked: 12/1/2016
Distance searched: 0.5 miles
Sites:

PORT OF LOS ANGELES BERTH 174	MapID: 38	Listed
PLAZA AUTOMOTIVE CENTER	MapID: 39	Listed

Cal-Eval-Hist-NFA
EnviroStor Database Evaluation History NFA Listing

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Category: State/Tribal Voluntary Cleanup Sites
Description: This database contains a listing of Historical sites from older database where no site type was identified. These particular sites have received No Further Action.
Agency: California Department of Toxic Substances Control
Phone Number: 9163233400
Date last updated: 12/7/2016
Date last checked: 12/1/2016
Distance searched: 0.5 miles
Sites:
None Found

Cal-Military-Active
EnviroStor Database Military Active Listing
Category: State/Tribal Voluntary Cleanup Sites
Description: This database contains a listing Military sites including open and closed bases and Former Used Defense Sites. Active sites are those with confirmed or unconfirmed releases and where DTSC is involved in investigation and/or remediation, either in a lead or support capacity.
Agency: California Department of Toxic Substances Control
Phone Number: 9163233400
Date last updated: 12/7/2016
Date last checked: 12/1/2016
Distance searched: 1 mile
Sites:
None Found

Cal-Military-NFA
EnviroStor Database Military NFA Listing
Category: State/Tribal Voluntary Cleanup Sites
Description: This database contains a listing of Military sites including open and closed bases and Former Used Defense Sites. The confirmed or unconfirmed releases have been cleaned up and the case has received No Further Action.
Agency: California Department of Toxic Substances Control
Phone Number: 9163233400
Date last updated: 12/7/2016
Date last checked: 12/1/2016
Distance searched: 0.5 miles
Sites:
None Found

Cal-Military-Other
EnviroStor Database Military Other Listing
Category: State/Tribal Voluntary Cleanup Sites
Description: This database contains a listing of Military sites including open and closed bases and Former Used Defense Sites.

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Agency: California Department of Toxic Substances Control
Phone Number: 9163233400
Date last updated: 12/7/2016
Date last checked: 12/1/2016
Distance searched: 1 mile
Sites:
TERMINAL ISL BAR BAL A MapID: 41 Listed

Cal-Mortgage-CA
Cal Mortgage Facilities
Category: ERS Supplemental Govt Sources
Description: Cal-Mortgage: Under a Memorandum of Understanding with the Cal-Mortgage Loan Insurance Division (Cal-Mortgage) of the Office of Statewide Health Planning and Development, DTSC reviews environmental documents for sites applying for their guaranteed loan insurance program for the construction, improvement and expansion of health care facilities. The loan applicants are either public entities or non-profit groups. The environmental review is done as part of the real estate due diligence process and the properties are not expected to have had hazardous substances releases.
Agency: California Department of Toxic Substances Control
Phone Number: 9163233400
Date last updated: 12/7/2016
Date last checked: 12/1/2016
Distance searched: 0.25 miles
Sites:
None Found

Cal-School-Active
EnviroStor Database School Active Listing
Category: State/Tribal Voluntary Cleanup Sites
Description: This database contains a listing of proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination.
Agency: California Department of Toxic Substances Control
Phone Number: 9163233400
Date last updated: 12/7/2016
Date last checked: 12/1/2016
Distance searched: 0.5 miles
Sites:
None Found

Cal-School-NFA
EnviroStor Database School NFA Listing
Category: State/Tribal Voluntary Cleanup Sites

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Description: This database contains a listing of proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. These particular cases have now received a No Further Action.
Agency: California Department of Toxic Substances Control
Phone Number: 9163233400
Date last updated: 12/7/2016
Date last checked: 12/1/2016
Distance searched: 0.5 miles
Sites:
None Found

Cal-School-Other
EnviroStor Database School Other Listing
Category: State/Tribal Voluntary Cleanup Sites
Description: This database contains a listing of proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination.
Agency: California Department of Toxic Substances Control
Phone Number: 9163233400
Date last updated: 12/7/2016
Date last checked: 12/1/2016
Distance searched: 0.5 miles
Sites:
None Found

Cal-State-Response-Active
EnviroStor Database Superfund Other Listing
Category: State/Tribal NPL
Description: This database contains a listing of State Response Active sites. These sites are 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.
Agency: California Department of Toxic Substances Control
Phone Number: 9163233400
Date last updated: 12/7/2016
Date last checked: 12/1/2016
Distance searched: 1 mile
Sites:
RICHARDS CLEANERS MapID: 40 Listed

Cal-State-Response-NFA
EnviroStor Database State Response NFA Listing
Category: State/Tribal NPL

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Description: This database contains a listing of State Response Sites. These sites are confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These particular cases have now received No Further Action.
Agency: California Department of Toxic Substances Control
Phone Number: 9163233400
Date last updated: 12/7/2016
Date last checked: 12/1/2016
Distance searched: 0.5 miles
Sites:
None Found

Cal-State-Response-Other
EnviroStor Database State Response Other Listing
Category: State/Tribal NPL
Description: This database contains a listing of State Response Sites. These sites are 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.
Agency: California Department of Toxic Substances Control
Phone Number: 9163233400
Date last updated: 12/7/2016
Date last checked: 12/1/2016
Distance searched: 0.5 miles
Sites:
None Found

Cal-Superfund-Active
BEAP
Category: State/Tribal CERCLIS Equivalent
Description: This database contains a listing of Federal Superfund Sites identified by the U.S. EPA where the DTSC is actively involved, either in a lead or support capacity, in the investigation and/or remediation currently in progress.
Agency: California Department of Toxic Substances Control
Phone Number: 9163233400
Date last updated: 12/7/2016
Date last checked: 12/1/2016
Distance searched: 1 mile
Sites:
None Found

Cal-Superfund-NFA
EnviroStor Database Superfund NFA Listing
Category: State/Tribal CERCLIS Equivalent

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Description: This database contains a listing of Federal Superfund Sites identified by the U.S. EPA where the DTSC is actively involved, either in a lead or support capacity in the investigation and/or remediation currently in progress. These particular cases have now received No Further Action.
Agency: California Department of Toxic Substances Control
Phone Number: 9163233400
Date last updated: 12/7/2016
Date last checked: 12/1/2016
Distance searched: 1 mile
Sites:
None Found

Cal-Superfund-Other
EnviroStor Database Superfund Other Listing
Category: State/Tribal CERCLIS Equivalent
Description: This database contains a listing of Federal Superfund Sites identified by the U.S. EPA where DTSC is actively involved, either in a lead or support capacity in the investigation and/or remediation currently in progress.
Agency: California Department of Toxic Substances Control
Phone Number: 9163233400
Date last updated: 12/7/2016
Date last checked: 12/1/2016
Distance searched: 1 mile
Sites:
None Found

Cal-TierPer-CA
Tiered Permits
Category: ERS Supplemental Govt Sources
Description: This database contains facilities with a Tiered Permit reported by the California Department of Toxic and Substance Control. These facilities manage waste not regulated under RCRA, but regulated as a hazardous waste by the State of California. These facilities include, but are not limited to recyclers, oil transfer stations, and precious metals recyclers.
Agency: California Department of Toxic and Substance Control.
Phone Number: 9163233400
Date last updated: 12/7/2016
Date last checked: 12/1/2016
Distance searched: 0.25 miles
Sites:
None Found

Cal-VCP-Active
EnviroStor Database VCP Active Listing
Category: State/Tribal Voluntary Cleanup Sites

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Description: This database contains a listing of sites with either confirmed or unconfirmed releases, and the project proponents have requested that DTSC oversee evaluation, investigation, and/or cleanup activities and have agreed to provide coverage for DTSC's costs.
Agency: California Department of Toxic Substances Control
Phone Number: 9163233400
Date last updated: 12/7/2016
Date last checked: 12/1/2016
Distance searched: 0.5 miles
Sites:
None Found

Cal-VCP-NFA
EnviroStor Database VCP NFA Listing
Category: State/Tribal Voluntary Cleanup Sites
Description: This database contains a listing of sites where the confirmed or unconfirmed releases have been cleaned up and have been reported as receiving No Further Action.
Agency: California Department of Toxic Substances Control
Phone Number: 9163233400
Date last updated: 12/7/2016
Date last checked: 12/1/2016
Distance searched: 0.5 miles
Sites:
EDISON/SAN PEDRO MGP MapID: 13 Listed

Cal-VCP-Other
EnviroStor Database VCP Other Listing
Category: State/Tribal Voluntary Cleanup Sites
Description: This database contains a listing of sites with either confirmed or unconfirmed releases, and the project proponents have requested that DTSC oversee evaluation, investigation, and/or cleanup activities and have agreed to provide coverage for DTSC's costs.
Agency: California Department of Toxic Substances Control
Phone Number: 9163233400
Date last updated: 12/7/2016
Date last checked: 12/1/2016
Distance searched: 0.5 miles
Sites:
None Found

CBF-CA
Considered Brownfield Sites
Category: State/Tribal ASTM Other
Description: This database contains facilities that are considered Brownfields reported by the State Water Resource Controls Board.

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Agency: State Water Resource Controls Board
Phone Number: 9163237905
Date last updated: 8/17/2016
Date last checked: 8/4/2016
Distance searched: 0.5 miles
Sites:
None Found

CDL-CA
Clandestine Drug Labs
Category: ERS Supplemental Govt Sources
Description: This database contains a listing of Clandestine Drug Lab locations. This listing includes active and inactive cases, as well as, labs that need maintenance.
Agency: California Department of Toxic Substances Control
Phone Number: 9162556572
Date last updated: 5/18/2016
Date last checked: 5/11/2016
Distance searched: 0.063 miles
Sites:
None Found

CDL-US
National Clandestine Drug Lab Register
Category: ERS Supplemental Govt Sources
Description: National Clandestine Drug Lab Register. This database contains a listing of 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.
Agency: Unites States Drug Enforcement Administration
Phone Number: 2023071000
Date last updated: 7/28/2015
Date last checked: 7/8/2015
Distance searched: 0.063 miles
Sites:
None Found

CERCLIS-Archived-US
CERCLIS sites that have been archived
Category: Federal CERCLIS NFRAP

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Description: The Superfund Enterprise Management System (SEMS). The reports produced by SEMS contain information on the assessment and remediation of current and archived hazardous waste sites. The archived designation means 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 this site on the National Priorities List (NPL), unless information indicates that this decision was not appropriate or other considerations require a recommendation for listing at a later time. Information provided to the previous CERCLIS Legacy System has been added to the details of the sites.
Agency: United States Environmental Protection Agency
Phone Number: 8004249346
Date last updated: 9/30/2016
Date last checked: 9/8/2016
Distance searched: 0.5 miles
Sites:
PLAZA AUTOMOTIVE CENTER MapID: 39 NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-US
Comprehensive Environmental Response, Compensation, and Liability Information System
Category: Federal CERCLIS
Description: The Superfund Enterprise Management System (SEMS). The reports produced by SEMS contain information on the assessment and remediation of current hazardous waste sites. Information provided to the previous CERCLIS Legal System has been added to the details of the sites.
Agency: United States Environmental Protection Agency
Phone Number: 8004249346
Date last updated: 9/30/2016
Date last checked: 9/8/2016
Distance searched: 0.5 miles
Sites:
None Found

CERS-CA
California Environmental Reporting System (CERS)
Category: State/Tribal ASTM Other
Description: The California Environmental Reporting System (CERS) is a statewide web-based system to support California Unified Program Agencies (CUPAs) and Participating Agencies (PAs) in electronically collecting and reporting various hazardous materials-related data as mandated by the California Health and Safety Code and new 2008 legislation (AB 2286). Under oversight by Cal/EPA, CUPAs implement Unified Program mandates that streamline and provide consistent regulatory activities. The database includes the following counties:
Calaveras
Contra Costa
Fresno
Glenn
Humboldt

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Los Angeles
Los Angeles – Vernon City
Madera
Mendocino
Nevada
Orange
San Bernardino
Santa Clara
Santa Cruz
San Francisco
San Luis Obispo
Santa Clara
Solano
Sonoma
Sutter
Tuolumne
Ventura
Agency: California Environmental Protection Agency
Phone Number: 9164455049
Date last updated: 12/2/2016
Date last checked: 11/25/2016
Distance searched: 0.25 miles
Sites:
None Found

CHMIRS-CA
California Hazardous Material Incident Report System
Category: Emergency Release Reports
Description: This database contains California's Haz Mat spill notifications reported to the California Office of Emergency Service.
Agency: Governor's Office of Emergency Service
Phone Number: 9168458768
Date last updated: 8/15/2016
Date last checked: 12/1/2016
Distance searched: 0.063 miles
Sites:
None Found

CHWF-CA
Commercial Offsite Hazardous Waste Facilities
Category: ERS Supplemental Govt Sources
Description: This list contains Commercial Recycling Facilities that accept hazardous materials/waste such as: Batteries, Plastics, Oil, Lamps, Metals, Paint related waste etc. Some of the facilities listed handle more than one material. For more information on the facility go to the Facility website listed on the details section.

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Agency: Department of Toxic Substance Control
Phone Number: 8777869427
Date last updated: 5/4/2016
Date last checked: 5/2/2016
Distance searched: 0.5 miles
Sites:
None Found

City-AST-CA
Underground Storage Tanks
Category: State/Tribal UST
Description: This database contains registered Aboveground Storage Tanks reported by city agencies. The following is contact information for the respective cities:
Alameda, Union City: 510-567-6704
Alameda, Hayward City: 510 583-4924
Alameda, San Leandro City: 510-577-3401
Agency: Local City Agencies
Phone Number: 7146698096
Date last updated: 11/21/2016
Date last checked: 11/1/2016
Distance searched: 0.25 miles
Sites:
None Found

City-CUPA-CA
Certified Unified Program Agency
Category: State/Tribal ASTM Other
Description: The records in this database come from city CUPA listings. The CUPA program provides oversight for the following statewide environmental programs: Hazardous Waste, Hazardous Materials Business Plan, California Release Prevention Program, UST, AST, Onsite Hazardous Waste Treatment. The following is contact information for the respective CUPA cities:
Alameda, Union City: (510) 675-5367
Alameda, San Leandro City: (510) 577-3401
Alameda, Hayward City: (510) 583-4924
Sonoma, Santa Rosa City: (707) 543-3537
Sonoma, Healdsburg City: (707) 431-3125
Sonoma, Petaluma City: (707) 778-4389
Sonoma, Sebastopol City: (707) 431-3125
Agency: Local City Agencies
Phone Number: 7146698096
Date last updated: 11/21/2016
Date last checked: 11/1/2016
Distance searched: 0.25 miles
Sites:
None Found

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City-Others-CA
Various City Files
Category: State/Tribal ASTM Other
Description: This database contains facilities reported by city agencies. Respective database/listing name is mentioned in the details section of the occurrence.
Santa Clara – San Jose City: 408-535-7694
Agency: Local City Agencies
Phone Number: 7146698096
Date last updated: 12/2/2016
Date last checked: 11/18/2016
Distance searched: 0.25 miles
Sites:
None Found

City-UST-CA
Underground Storage Tanks
Category: State/Tribal UST
Description: This database contains registered Underground Storage Tanks reported by city agencies. The following is contact information for the respective cities:
Alameda, Union City: 510-567-6704
Alameda, Berkeley City: 510-567-6704
Alameda, Hayward City: 510 583-4924
Alameda, San Leandro City: 510-577-3401
Los Angeles, El Segundo City: 310-524-2242
Los Angeles, Long Beach City: 562-570-4285
Los Angeles, Torrance City: 310-618-2872
Sonoma, Santa Rosa City: 707-565-6571
Kern, Bakersfield City: 661-862-8748
Agency: Local City Agencies
Phone Number: 7146698096
Date last updated: 11/21/2016
Date last checked: 11/1/2016
Distance searched: 0.25 miles
Sites:
None Found

Coal-Ash-Dams-US
Coal Ash Contaminated Sites and Hazard Dams
Category: ERS Supplemental Govt Sources
Description: This database contains coal ash contaminated sites and hazard dams. Coal combustion waste sites have contaminated groundwater, wetlands, and rivers. The U.S. EPA rates coal ash ponds according to a National Inventory of Dams criteria that categorizes the ponds by the damage that would occur in the event of a dam failure. This database contains High Hazard and Significant Hazard dams.

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Agency: EarthJustice
Phone Number: 8005846460
Date last updated: 10/20/2015
Date last checked: 10/12/2015
Distance searched: 0.5 miles
Sites:
None Found

Controls-CA

Calsites with Deed Restrictions or other Controls
Category: State/Tribal Inst/Eng Controls
Description: A deed restricted site is a property where DTSC has placed limits or requirements on future use of the property due to varying levels of cleanup possible, practical, or necessary at the site. The DTSC Site Mitigation and Brownfield's 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. Not all deed restrictions are available at this time.
Agency: California Department of Toxic Substances Control
Phone Number: 9162553745
Date last updated: 12/5/2016
Date last checked: 11/30/2016
Distance searched: 0.5 miles
Sites:
None Found

Controls-RCRA-US

Federal RCRA with Controls
Category: Federal Inst/Eng Controls
Description: This database contains RCRA facilities that have Inst/Eng Controls placed on them as identified by the EPA.
Agency: United States Environmental Protection Agency
Phone Number: 8004249346
Date last updated: 9/30/2016
Date last checked: 9/6/2016
Distance searched: 0.5 miles
Sites:
None Found

Controls-US

Controls List
Category: Federal Inst/Eng Controls
Description: This database contains a listing of Voluntary Action Program Sites with Engineering Controls and/or Institutional Controls placed on them and were identified by the Environmental Protection Agency.
Agency: United States Environmental Protection Agency

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Phone Number: 8004249346
Date last updated: 9/13/2016
Date last checked: 9/13/2016
Distance searched: 0.5 miles
Sites:
None Found

CORTESE-CA
Cortese Hazardous Waste & Substances Sites List
Category: State/Tribal ASTM Other
Description: The Hazardous Waste and Substances Sites (Cortese) List. These sites are active or backlogged on remediation and may also be listed on other CA databases. The specific database type was done to comply with the California Environmental Quality Act.
Agency: California Department of Toxic Substances Control
Phone Number: 8007286942
Date last updated: 12/8/2016
Date last checked: 12/1/2016
Distance searched: 0.25 miles
Sites:
None Found

County-AST-CA
Aboveground Storage Tanks
Category: State/Tribal UST
Description: This database contains registered Underground Storage Tanks reported by county agencies. The following is contact information for the respective counties:
Alameda: 510-567-6700
Amador: 209-223-6439
Butte: 530-538-7281
Contra Costa: 925-335-3200
Del Norte: 707-465-0426
Humboldt: 707-268-2204
Imperial: 760-352-0381
Inyo: 760-878-0264
Kern: 661-862-8748
Kings: 559-584-1411
Lake: 707-263-1164
Los Angeles: 626-458-5100
Marin: 415-473-7085
Merced: 209-381-1100
Mendocino: 707-234-6625
Mono: 760-924-1830
Napa: 707-253-4471
Orange: 714-433-6000
Placer: 530-745-2350

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Riverside: 951 955-8980
San Bernardino: 909-386-8400
San Joaquin: 209-468-3451
San Luis Obispo: 805-781-5544
San Mateo: 650-372-6200
Santa Clara: 408-918-3400
Santa Cruz: 831-454-2022
Solano: 707-784-6765
Sonoma: 707-565-6571
Sutter: 530-822-7400
Tuolumne: 209-533-5633
Trinity: 866-348-0028
Ventura: 805-654-2815
Yolo: 530-666-8646
Yuba: 530-749-5450
Agency: Local County Agencies
Phone Number: 7146698096
Date last updated: 12/2/2016
Date last checked: 11/17/2016
Distance searched: 0.25 miles
Sites:
None Found

County-BI-CA
Business Inventory
Category: ERS Supplemental Govt Sources
Description: This database contains Business Inventory listing reported by county agencies of California. List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks
San Mateo: 650-372-6200
Agency: Local County Agencies
Phone Number: 7146698096
Date last updated: 8/14/2015
Date last checked: 9/1/2016
Distance searched: 0.25 miles
Sites:
None Found

County-Hist-CA
Historic County Listings
Category: State/Tribal ASTM Other
Description: This database contains historic databases reported by county agencies.
San Diego: 619-505-6921
Agency: Local County Agencies
Phone Number: 7146698096

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Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:
None Found

County-LUST-CA
Leaking Underground Storage Tanks
Category: State/Tribal LUST
Description: This database contains leaking underground storage tanks reported by county agencies in California. The reporting agency has not provided the status, the case has been referred to the SWRCB, or the agency no longer updates their LUST database and has referred us to Geotracker. The following is contact information for the respective counties:
Alameda: 510-567-6700
Riverside: 951 955-8980
San Joaquin: 209-468-3451
Sonoma: 707-565-6571
Stanislaus: 209-525-6700
Ventura: 805-654-2815
Agency: Local County Agencies
Phone Number: 7146698096
Date last updated: 10/10/2016
Date last checked: 10/3/2016
Distance searched: 0.5 miles
Sites:
None Found

County-LUST-Closed-CA
Leaking Underground Storage Tanks, Closed Cases
Category: State/Tribal LUST
Description: This database contains leaking underground storage tanks reported by county agencies in California. The following is contact information for the respective counties:
Alameda: 510-567-6700
Del Norte: 707-465-0426
Humboldt: 707-268-2212
Napa: 707-253-4471
Riverside: 951 955-8980
San Francisco: 415-252-3900
San Mateo: 650-372-6200
Santa Clara: 408-918-3400
Sonoma: 707-565-6571
Orange: 714-433-6000
San Diego: 858-505-6818
San Joaquin: 209-468-3451
Solano: 707-784-3314

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Stanislaus: 209-525-6700
Tulare: 559-624-7400
Agency: Local County Agencies
Phone Number: 7146698096
Date last updated: 12/2/2016
Date last checked: 11/18/2016
Distance searched: 0.5 miles
Sites:
None Found

County-LUST-Open-CA
Leaking Underground Storage Tanks, Open Cases
Category: State/Tribal LUST
Description: This database contains leaking underground storage tanks reported by county agencies in California. The following is contact information for the respective counties:
Alameda: 510-567-6700
Del Norte: 707-465-0426
Humboldt: 707-268-2212
Napa: 707-253-4471
Riverside: 951 955-8980
San Francisco: 415-252-3900
San Mateo: 650-372-6200
Santa Clara: 408-918-3400
Sonoma: 707-565-6571
Orange: 714-433-6000
San Diego: 858-505-6818
San Joaquin: 209-468-3451
Solano: 707-784-3314
Stanislaus: 209-525-6700
Tulare: 559-624-7400
Agency: Local County Agencies
Phone Number: 7146698096
Date last updated: 12/2/2016
Date last checked: 11/18/2016
Distance searched: 0.5 miles
Sites:
None Found

County-Others-CA
Various County Files
Category: State/Tribal ASTM Other
Description: This database contains facilities reported by county agencies. Respective database/listing name is mentioned in the details section of the occurrence.
Sacramento: 916-875-8484
San Joaquin: 209-468-3420

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Ventura: 805-654-2815
Solano: 707-784-6765
Napa: 707-253-4471
Alameda: 510-567-6700
Placer: 530-745-2350
Contra Costa: 925-313-6636
San Bernardino: 909-386-8401
Riverside: 951-358-7018
Orange: 714-433-6000
Los Angeles: 626-458-5100
San Diego: 858-874-7000
Shasta: 530-225-5787
Agency: Local County Agencies
Phone Number: 7146698096
Date last updated: 12/2/2016
Date last checked: 11/17/2016
Distance searched: 0.25 miles
Sites:
None Found

County-SLIC-Closed-CA
County SLIC Sites
Category: Emergency Release Reports
Description: This database contains SLIC sites reported by county agencies. The following is contact information for the respective counties:
Alameda: 510-567-6700
Solano: 707-784-6765
Agency: Local County Agencies
Phone Number: 7146698096
Date last updated: 9/2/2016
Date last checked: 9/1/2016
Distance searched: 0.25 miles
Sites:
None Found

County-SLIC-Open-CA
County SLIC Sites
Category: Emergency Release Reports
Description: This database contains SLIC sites reported by county agencies. The following is contact information for the respective counties:
Alameda: 510-567-6700
Solano: 707-784-6765
Agency: Local County Agencies
Phone Number: 7146698096
Date last updated: 9/2/2016

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Date last checked: 9/1/2016
Distance searched: 0.5 miles
Sites:
None Found

County-SML-CA
County Site Mitigation Unit List
Category: State/Tribal ASTM Other
Description: This database contains sites listed by the Site Mitigation Unit program at various county agencies. The following is contact information for the respective counties:
Santa Barbara: 805-346-8359
Santa Cruz: 831-454-2761
San Joaquin: 209-468-3451
Solano: 707-784-6765
Agency: Local County Agencies
Phone Number: 7146698096
Date last updated: 10/10/2016
Date last checked: 10/3/2016
Distance searched: 0.5 miles
Sites:
None Found

County-SWF-CA
County Solid Waste Facilities
Category: State/Tribal Landfill/Solid Waste
Description: This database contains a listing of solid waste facilities reported by county agencies. The following is the contact information for the respective counties:
Alameda: 510-567-6790
Los Angeles: 888-253-2652
Napa: 707-253-4471
San Diego: 858-694-2801
Agency: Local County Agencies
Phone Number: 7146698096
Date last updated: 12/2/2016
Date last checked: 11/25/2016
Distance searched: 0.5 miles
Sites:
None Found

County-UST-CA
Underground Storage Tanks
Category: State/Tribal UST
Description: This database contains registered Underground Storage Tanks reported by county agencies. The following is contact information for the respective counties:

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Alameda: 510-567-6700
Amador: 209-223-6439
Butte: 530-538-7281
Contra Costa: 925-335-3200
Del Norte: 707-465-0426
Humboldt: 707-268-2204
Imperial: 760-352-0381
Inyo: 760-878-0264
Kern: 661-862-8748
Kings: 559-584-1411
Lake: 707-263-1164
Los Angeles: 626-458-5100
Marin: 415-473-7085
Merced: 209-381-1100
Mendocino: 707-234-6625
Mono: 760-924-1830
Napa: 707-253-4471
Orange: 714-433-6000
Placer: 530-745-2350
Riverside: 951 955-8980
San Bernardino: 909-386-8400
San Joaquin: 209-468-3451
San Luis Obispo: 805-781-5544
San Mateo: 650-372-6200
Santa Clara: 408-918-3400
Santa Cruz: 831-454-2022
Solano: 707-784-6765
Sonoma: 707-565-6571
Sutter: 530-822-7400
Tuolumne: 209-533-5633
Trinity: 866-348-0028
Ventura: 805-654-2815
Yolo: 530-666-8646
Yuba: 530-749-5450
Agency: Local County Agencies
Phone Number: 7146698096
Date last updated: 12/2/2016
Date last checked: 12/2/2016
Distance searched: 0.25 miles
Sites:
None Found

CUPA-CA
Certified Unified Program Agency
Category: State/Tribal ASTM Other

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Description: The records in this database come from county CUPA listings. The CUPA program provides oversight for the following statewide environmental programs: Hazardous Waste, Hazardous Materials Business Plan, California Release Prevention Program, UST, AST, Onsite Hazardous Waste Treatment. The following is contact information for the respective CUPA counties:
Alpine: 530-694-2235
Amador: 209-223-6439
Butte: 530-538-7281
Calaveras: 209-754-6399
Colusa: 530-458-0395
Del Norte: 707-465-0426
El Dorado: 530-621-5300
Fresno: 559-600-3271
Humboldt: 707-445-6215
Imperial: 760-352-0381
Inyo: 760-878-0238
King: 559-584-1411
Lake: 707-263-1164
Madera: 559-675-7823
Marin: 415-473-7085
Mendocino: 707-234-6625
Merced: 209-381-1100
Mono: 760-924-1830
Monterey: 831-755-4511
Napa: 707-253-4471
Nevada: 530-265-7134
San Bernardino: 909-386-8401
San Diego: 858-505-6880
San Luis Obispo: 805-781-5544
Santa Clara: 408-918-3400
Santa Cruz: 831-454-2022
Shasta: 530-225-5787
Solano: 707-784-3314
Sonoma: 707-565-1152
Sutter: 530-822-7400
Trinity: 866-348-0028
Tuolumne: 209-533-5633
Ventura: 805-654-2823
Yuba: 530-749-5450
Agency: Local County Agencies
Phone Number: 7146698096
Date last updated: 12/2/2016
Date last checked: 11/25/2016
Distance searched: 0.25 miles
Sites:
None Found

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Dams-CA
California Dams
Category: ERS Supplemental Govt Sources
Description: This database contains dam locations in California. The data is provided by the University of Arizona Institutional Repository and has not been updated since 1996.
Agency: United States Environmental Protection Agency
Phone Number: 2022607301
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:
None Found

DCF2-CA
Dry Cleaners
Category: ERS Supplemental Govt Sources
Description: This database contains dry cleaner locations reported by Reference USA GOV.
Agency: Reference USA GOV
Phone Number: 8005555211
Date last updated: 5/4/2016
Date last checked: 4/29/2016
Distance searched: 0.25 miles
Sites:
None Found

Debris-US
Debris Sites
Category: Federal Solid Waste
Description: This database contains the Torres Martinez Reservation Illegal dump sites reported by the United States Environmental Protection Agency.
Agency: United States Environmental Protection Agency
Phone Number: 8004249346
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.5 miles
Sites:
None Found

Deed-CA
Deed Restrictions/Land Use Restrictions
Category: State/Tribal Inst/Eng Controls
Description: This database includes sites as reported by the State Water Resource Control Board to have a deed restriction/land use restriction and or covenant.
Agency: State Water Resource Control Board

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Phone Number: 9163415455
Date last updated: 12/5/2016
Date last checked: 12/1/2016
Distance searched: 0.5 miles
Sites:
None Found

Delisted-NPL-US
Delisted NPL Sites
Category: Federal Delisted NPL
Description: The Superfund Enterprise Management System (SEMS). The reports produced by SEMS contain information on the assessment and remediation of current hazardous waste sites. This database contains a listing of Delisted NPL sites. These are facilities that have been removed from the NPL list. The EPA may delete a final NPL site if it determines that no further response is required to protect human health or the environment.
Agency: United States Environmental Protection Agency
Phone Number: 8004249346
Date last updated: 9/30/2016
Date last checked: 9/8/2016
Distance searched: 1 mile
Sites:
None Found

DPR-CA
Pesticide Regulation Licenses
Category: ERS Supplemental Govt Sources
Description: This database contains businesses that have been issued a Department of Regulation Pesticide license as reported by the California Department of Pesticide Regulation.
Agency: California Department of Pesticide Regulation
Phone Number: 9164454038
Date last updated: 5/18/2016
Date last checked: 5/4/2016
Distance searched: 0.25 miles
Sites:
None Found

DryCleaners-CA
Dry Cleaner Facilities
Category: ERS Supplemental Govt Sources
Description: This database contains a listing of drycleaners reported by the California Department of Toxic Substances Control.
Agency: California Department of Toxic Substances Control
Phone Number: 8007286942
Date last updated: 4/29/2016

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Date last checked: 4/19/2016
Distance searched: 0.25 miles
Sites:
None Found

EGRID-US
Emissions & Generation Resource Facilities
Category: ERS Supplemental Govt Sources
Description: Emissions & Generation Resource Integrated Database (eGRID) is a comprehensive source of data on the environmental characteristics of almost all electric power generated in the United States.
Agency: United States Environmental Protection Agency
Phone Number: 2023439340
Date last updated: 11/24/2015
Date last checked: 11/12/2015
Distance searched: 0.5 miles
Sites:
None Found

ENF-CA
Enforcement Actions Data
Category: State/Tribal ASTM Other
Description: This database contains facilities that have been assigned an Enforcement Action by the California State Water Resources Control Board.
Agency: California State Water Resources Control Board
Phone Number: 9163415808
Date last updated: 12/8/2016
Date last checked: 12/1/2016
Distance searched: 0.25 miles
Sites:
None Found

ENF-SMARTS-CA
Stormwater Enforcement Actions
Category: State/Tribal ASTM Other
Description: This data set lists Active and historical enforcement actions that are stored in the Storm Water Multiple Application & Report Tracking System (SMARTS). Enforcement actions are generally issued in response to one or more instances of non-compliance (violations) of a base regulatory measure; enforcement actions can be monetary or non-monetary.
Agency: State Water Resource Control Board
Phone Number: 8667924977
Date last updated: 12/12/2016
Date last checked: 12/7/2016
Distance searched: 0.25 miles
Sites:

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ENF-Wastewater-CA
Wastewater Enforcement Actions
Category: State/Tribal ASTM Other
Description: This data set lists active and historical enforcement actions records that are stored in the California Integrated Water Quality System (CIWQS). Enforcement actions are generally issued in response to one or more instances of non-compliance (violations) of a base regulatory measure. Enforcement actions can be monetary or non-monetary.
Agency: State Water Resource Control Board
Phone Number: 8667924977
Date last updated: 8/12/2016
Date last checked: 7/15/2016
Distance searched: 0.25 miles
Sites:
None Found

EPA-Watch-List-US
EPA Watch List
Category: ERS Supplemental Govt Sources
Description: This database contains facilities listed on the Clean Air Act, Clean Water Act, and RCRA Watch List. These reports are now considered archived and will no longer be updated. Being on the Watch List may not mean that the facility has actually violated the law only that an evaluation or investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. The Watch List does not identify which alleged violations of environmental laws may pose the greatest risk to public health or the environment. It is an automated report based on data from the Air Facility System
(AFS), which is used by federal, state and local agencies to track environmental enforcement and compliance information.
Agency: United States Environmental Protection Agency
Phone Number: 2025661667
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:
None Found

ERNS-US
Emergency Response Notification System
Category: Federal ERNS

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Description: The primary function of the National Response Center is to serve as the sole national point of contact for reporting all oil, chemical, radiological, biological, and etiological discharges into the environment anywhere in the United States and its territories. This database contains a listing of discharge locations.
Agency: National Response Center
Phone Number: 8004248802
Date last updated: 10/31/2016
Date last checked: 9/13/2016
Distance searched: 0.063 miles
Sites:
None Found

FA-HW-CA
Financial Assurance, Hazardous Waste
Category: ERS Supplemental Govt Sources
Description: This database contains Financial Assurance facilities under the Hazardous Waste program reported by the California Department of Toxic Substances Control.
Agency: California Department of Toxic Substances Control
Phone Number: 9163233400
Date last updated: 11/23/2016
Date last checked: 11/16/2016
Distance searched: 0.063 miles
Sites:
None Found

FA-HW-US
Financial Assurance, Hazardous Waste
Category: ERS Supplemental Govt Sources
Description: This database contains Financial Assurance facilities listed under the Hazardous Waste program as reported by the United States Environmental Protection Agency.
Agency: United States Environmental Protection Agency
Phone Number: 8004249346
Date last updated: 7/27/2015
Date last checked: 6/23/2015
Distance searched: 0.063 miles
Sites:
None Found

FA-SWF-CA
Financial Assurance, Solid Waste Facilities
Category: ERS Supplemental Govt Sources
Description: This database contains Financial Assurance facilities under the Solid Waste program reported by the California Department of Resources Recycling and Recovery.
Agency: California Department of Resources Recycling and Recovery

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Phone Number: 9163416320
Date last updated: 8/22/2016
Date last checked: 7/25/2016
Distance searched: 0.063 miles
Sites:
None Found

FEMA-UST-US
FEMA Underground Storage Tanks
Category: Federal UST
Description: This database contains Federal Emergency Management Agency (FEMA) owned and operated underground storage tanks. The report was published in 2006.
Agency: United States Environmental Protection Agency
Phone Number: 7036037165
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:
None Found

FRS-US
Facility Registry Index (FINDS)
Category: ERS Supplemental Govt Sources
Description: The Facility Registry System (FRS) is a centrally managed database that identifies facilities, sites or places subject to environmental regulations or of environmental interest.
Agency: United States Environmental Protection Agency
Phone Number: 2022720167
Date last updated: 8/3/2015
Date last checked: 7/8/2015
Distance searched: 0.063 miles
Sites:
ARCO BATTERY MFG CO MapID: 1 Listed

FTTS-ENF-US
FIFRA/TSCA Tracking System (FTTS) Enforcement Actions
Category: Federal ASTM Other
Description: The FIFRA/TSCA Tracking System (FTTS) is a regional system used to track compliance activities such as inspections, case review, enforcement actions taken, samples collected, and pesticide grants and cooperative agreement information. The compliance monitoring and enforcement activities are tracked from the time an inspector conducts (or schedules) an inspection until the time the case is closed or the enforcement action is settled. Specific legal citations include, but are not limited to: Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), Toxic Substances Control Act (TSCA), and Emergency Planning and Community Right-to-Know Act (EPCRA).

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Agency: United States Environmental Protection Agency
Phone Number: 2025642501
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:
None Found

FTTS-INSP-US
FIFRA/TSCA Tracking System (FTTS) Inspections
Category: ERS Supplemental Govt Sources
Description: The FIFRA/TSCA Tracking System (FTTS) is a regional system used to track compliance activities such as inspections, case review, enforcement actions taken, samples collected, and pesticide grants and cooperative agreement information. The compliance monitoring and enforcement activities are tracked from the time an inspector conducts (or schedules) an inspection until the time the case is closed or the enforcement action is settled. Specific legal citations include, but are not limited to: Federal Insecticide, Fungicide and Rodenticide Act (FIFRA), Toxic Substances Control Act (TSCA), and Emergency Planning and Community Right-to-Know Act (EPCRA).
Agency: United States Environmental Protection Agency
Phone Number: 2025642501
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:
None Found

FUDS-US
Formerly Used Defense Sites
Category: ERS Supplemental Govt Sources
Description: The Department of Defense (DoD) is responsible for environmental restoration of properties that were formerly owned by, leased to or otherwise possessed by the United States and under the jurisdiction of the Secretary of Defense. Such properties are known as Formerly Used Defense Sites (FUDS). The Army is the executive agent for the program and the U.S. Army Corps of Engineers manages and directs the program's administration. The scope and magnitude of the FUDS program are significant, with more than 9,900 properties identified for potential inclusion in the program. Information about the origin and extent of contamination, land transfer issues, past and present property ownership, and program policies must be evaluated before DoD considers a property eligible for Defense Environment Restoration Account (DERA) funding under the FUDS program. Environmental cleanup procedures at FUDS are similar to those at active DoD installations.
Agency: Department of Defense
Phone Number: 2025284285
Date last updated: 8/30/2016
Date last checked: 8/30/2016
Distance searched: 1 mile
Sites:

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None Found

Haulers-CA
Registered Waste Tire Haulers Listing
Category: ERS Supplemental Govt Sources
Description: This database contains a listing of listing of registered waste tire haulers.
Agency: California Department of Resources Recycling and Recovery
Phone Number: 9163416422
Date last updated: 4/21/2016
Date last checked: 4/14/2016
Distance searched: 0.063 miles
Sites:
None Found

HazWaste-CA
Hazardous Waste Sites
Category: State/Tribal ASTM Other
Description: This database contains a listing of Hazardous Waste Sites tracked by DTSC. The majority of the sites are no longer in operation.
Agency: California Department of Toxic Substance Control
Phone Number: 9163233400
Date last updated: 12/8/2016
Date last checked: 12/1/2016
Distance searched: 0.25 miles
Sites:
None Found

Hist-AFS2-US
Air Facility System for Clean Air Act stationary sources
Category: ERS Supplemental Govt Sources
Description: AFS contains emissions, compliance, and enforcement data on stationary sources of air pollution. Regulated sources cover a wide spectrum; from large industrial facilities to relatively small operations such as dry cleaners (automobiles and other mobile air pollution sources are tracked by a different AIRS subsystem (AMS).
Agency: United States Environmental Protection Agency
Phone Number: 2025645962
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:
None Found

Hist-AFS-US

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Air Facility System for Clean Air Act stationary sources
Category: ERS Supplemental Govt Sources
Description: AFS contains emissions, compliance, and enforcement data on stationary sources of air pollution. Regulated sources cover a wide spectrum; from large industrial facilities to relatively small operations such as dry cleaners (automobiles and other mobile air pollution sources are tracked by a different AIRS subsystem (AMS).
Agency: United States Environmental Protection Agency
Phone Number: 2025645962
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:
None Found

Hist-Agriculture
Ranches/Farms, Livestock/Agriculture
Category: ERS Exclusive Historic Sources
Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Ranches, Farms, Livestock, and/or Agriculture.
Agency: Environmental Record Search (ERS)
Phone Number: 8003772430
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:
None Found

Hist-AST-CA
Historical Aboveground Storage Tanks
Category: ERS Supplemental Govt Sources
Description: This database contains aboveground storage tanks. This is a historical database compiled by the State Water Resource Control Board in 1998.
Agency: State Water Resource Controls Board
Phone Number: 9162274364
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:
None Found

Hist-Auto Dealers
Auto and Truck Dealers
Category: ERS Exclusive Historic Sources

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Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes Auto Dealers.
Agency: Environmental Record Search (ERS)
Phone Number: 8003772430
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:
None Found

Hist-Auto Repair
Automotive Repair
Category: ERS Exclusive Historic Sources
Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Auto Repair and Tire Dealers.
Agency: Environmental Record Search (ERS)
Phone Number: 8003772430
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:

MARINE HARDWARE CO	MapID: 4	Listed
WEST MARINE INC	MapID: 10	Listed

Hist-AWS-CA
Annual Workplan Sites
Category: ERS Supplemental Govt Sources
Description: This database is provided by the Cal. Environmental Protection Agency, Dept. of Toxic Substances Control. Annual Work Plan (AWP) sites and sites where Preliminary Endangerment Assessments are a high priority are included.
Agency: California Environmental Protection Agency, Department of Toxic Substances Control
Phone Number: 9163233400
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:
None Found

Hist-CA
Previously Listed California Sites
Category: ERS Supplemental Govt Sources

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Description: ERS has compiled records that have been previously listed in other agency databases. When ERS updates an agency database, if there is a record that was in the older version but the record is not found in the newer version, it is put into this database. The site may have been completely removed, or there was a significant change in the record such as Name, ID, or Address. The information from the old listing is preserved in this database along with which database it was originally in, It is also possible that it was moved from one database to another such as a LUST Open site receiving closure and now being listed in the LUST Closed database.
Agency: Environmental Record Search (ERS)
Phone Number: 8003772430
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:

COST DIVING	MapID: 8	No Longer Listed
COAST DIVING SERVICES	MapID: 8	No Longer Listed

Hist-CalFID-CA
Facility Inventory Database
Category: ERS Supplemental Govt Sources
Description: This database lists facilities included in the Facility Inventory Database as reported by the Environmental Protection Agency, Department of Toxic Substances Control in 1998.
Agency: California Department of Toxic and Substance Control.
Phone Number: 9163233400
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:

ARCO BATTERY MFG CO	MapID: 1	Listed
G T R INCORPORATED	MapID: 1	Listed
LOS ANGELES MARINE HARDWARE	MapID: 4	Listed
1X MARINA HARDWARE COMPANY, INC.	MapID: 4	Listed
LOUISIANA-PACIFIC CORP YARD	MapID: 11	Listed
1X CAL TRANS	MapID: 11	Listed
LA PUMPING PLANT #67	MapID: 14	Listed
1X TOM ANAST	MapID: 16	Listed
1X ASHLAND CHEMICAL	MapID: 16	Listed
TOM ANAST	MapID: 16	Listed
TODD PACIFIC SHIPYARDS CORPORATION	MapID: 28	Listed
TODD PACIFIC	MapID: 28	Listed
TODD SHIP YARDS CORP	MapID: 28	Listed
1X CACI	MapID: 28	Listed

Hist-CALSITES-CA

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Calsites Database
Category: ERS Supplemental Govt Sources
Description: The CalSites database includes both known and potential sites. Two- thirds of these sites have been classified, based on available information, as needing "No Further Action" (NFA) by the Department of Toxic Substances Control. The remaining sites are in various stages of review and remediation to determine if a problem exists at the site. Several hundred sites have been remediated and are considered certified. Some of these sites may be in long term operation and maintenance.
Agency: Department of Toxic Substances Control
Phone Number: 9163233400
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:
None Found

Hist-CERCLIS-NFRAP-US
CERCLIS-NFRAP
Category: ERS Supplemental Govt Sources
Description: This database contains CERCLIS sites that are classified as No Further Action Remedial Action Planned as reported in 1998.
Agency: United States Environmental Protection Agency
Phone Number: 8004249346
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:
None Found

Hist-CERCLIS-US
CERCLIS Sites
Category: ERS Supplemental Govt Sources
Description: This database contains CERCLIS sites as reported in 1998.
Agency: United States Environmental Protection Agency
Phone Number: 8004249346
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:
None Found

Hist-Chemical Manufacturing
Manufacturing and Distribution of Chemicals, Gases, and/or Solids
Category: ERS Exclusive Historic Sources

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Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Manufacturing and Distribution of Chemicals, Gases, and/or Solids.
Agency: Environmental Record Search (ERS)
Phone Number: 8003772430
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:
None Found

Hist-Chemical-Storage
Chemical/Hazardous Use Storage
Category: ERS Exclusive Historic Sources
Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes chemical storage facilities.
Agency: Environmental Record Search (ERS)
Phone Number: 8003772430
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:
None Found

Hist-City-UST-CA
Underground Storage Tanks
Category: ERS Supplemental Govt Sources
Description: This database contains UST listings reported by City Agencies in 1998. The corresponding agency name and database name will be listed in the details section of the occurrence.
Agency: Local City Agencies
Phone Number: 7146698096
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:
None Found

Hist-Cleaners
Laundry, Cleaners, and Dry Cleaning Services
Category: ERS Exclusive Historic Sources

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Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites, such as: Laundry, Cleaners, and Dry Cleaning Services.
Agency: Environmental Record Search (ERS)
Phone Number: 8003772430
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:
None Found

Hist-Controls-CA
Previous Restricted Use Sites
Category: State/Tribal Inst/Eng Controls
Description: This database contains a listing of previous (historical) restricted use sites where DTSC placed limits or requirements on future use of the property.
Agency: Department of Toxic Substances Control
Phone Number: 9162553745
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.5 miles
Sites:
None Found

Hist-Convenience
Convenience Store with Possible Gas
Category: ERS Exclusive Historic Sources
Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes convenience stores with possible gas use.
Agency: Environmental Record Search (ERS)
Phone Number: 8003772430
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:
None Found

Hist-Cort-CA
Hist Cortese list
Category: State/Tribal ASTM Other
Description: This database contains historical cortese listings reported by the California State Water Resource Control Board.
Agency: California State Water Resource Control Board.

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Phone Number: 8007286942
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:
None Found

Hist-Deed-CA
Deed Restriction Properties
Category: ERS Supplemental Govt Sources
Description: These are voluntary deed restriction agreements with owners of property who propose building residences, schools, hospitals, or day care centers on property that is "on or within 2,000 feet of a significant disposal of hazardous waste".
Agency: Department of Health Services-Land Use and Air Assessment
Phone Number: 9163233376
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:
None Found

Hist-Disposal-Recycle
Hazardous Disposal/Recycle and Dumps/Waste
Category: ERS Exclusive Historic Sources
Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes hazardous disposal facilities.
Agency: Environmental Record Search (ERS)
Phone Number: 8003772430
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:
None Found

Hist-DTG-CA
Depth to Groundwater
Category: ERS Supplemental Govt Sources
Description: This database contains a listing of Depth to Groundwater reported by the Los Angeles region State Water Resources Control Board.
Agency: California State Water Resources Control Board
Phone Number: 2135766600
Date last updated: 2/9/2016
Date last checked: 1/21/2016

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Distance searched: 0.25 miles
Sites:
None Found

Hist-Dumps-US
Dumps Inventory of 1985
Category: Federal Solid Waste
Description: This database contains Dumps as reported on the Inventory of Open Dumps from 1985. This report was published by the Office of Solid Waste, EPA.
Agency: Environmental Protection Agency
Phone Number: 2025660200
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.5 miles
Sites:
None Found

Hist-ERNS-US
Emergency Response Notification System (ERNS)
Category: ERS Supplemental Govt Sources
Description: The Emergency Response Notification System (ERNS) is a national database used to collect information on reported releases of oil and hazardous substances. The database contains information from spill reports made to federal authorities including the EPA, the US Coast Guard, the National Response Center and the Department of transportation. A search of the database records for the period October 1986 through January 1998 revealed information regarding reported spills of oil or hazardous substances in the stated area.
Agency: National Response Center
Phone Number: 8004248802
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:
None Found

Hist-FIFRA-US
Case Administration Data from National Compliance Database (Federal Insecticide, Fungicide, and Rodenticide Act)
Category: ERS Supplemental Govt Sources
Description: This database is no longer maintained by EPA since 2006. The system tracked compliance monitoring and enforcement activities from the time an inspector conducts an inspection until the inspector closes the case or settles any resulting enforcement action(s). EPA now has the ICS database to track this information.
Agency: U.S. Environmental Protection Agency
Phone Number: 2025642501

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Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:
None Found

Hist-FINDS-US
Facility Index System
Category: ERS Supplemental Govt Sources
Description: The Facility Index System (FINDS) is a compilation of any property or site which the EPA has investigated, reviewed or been made aware of in connection with its various regulatory programs. The data is from 1998.
Agency: United States Environmental Protection Agency
Phone Number: 2022720167
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:
ARCO BATTERY MFG CO MapID: 1 Listed

Hist-Food-Processors
Food Processing Manufacturers
Category: ERS Exclusive Historic Sources
Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes food processors.
Agency: Environmental Record Search (ERS)
Phone Number: 8003772430
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:
None Found

Hist-Gun-Ranges
Gun Ranges/Clubs
Category: ERS Exclusive Historic Sources
Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes gun ranges/clubs.
Agency: Environmental Record Search (ERS)
Phone Number: 8003772430
Date last updated: Historical Database

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Date last checked: N/A
Distance searched: 0.063 miles
Sites:
None Found

Hist-HWS-CA
Cortese List-Hazardous Waste Substance Site List
Category: ERS Supplemental Govt Sources
Description: This database (CORTESE) is based on input from the following: (1)CALSITES-Department of
Toxic Substances Control, Abandoned Sites Program Information Systems; (2)SARA Title III Section III Toxic Chemicals Release Inventory for 1987, 1988, 1989, and 1990; (3)FINDS; (4)HWIS-Department of Toxic Substances Control, Hazardous Waste Information System. Vista has not included one time generator facilities from Cortese in our database.; (5)SWRCB-State Water Resources Control Board;(6)SWIS-Integrated Waste Management Control Board (solid waste facilities); (7)AGT25-Air Resources
Board, dischargers of greater than 25 tons of criteria pollutants to the air; (8)A1025-Air Resources Board, dischargers of greater than 10 and less than 25 tons of criteria pollutants to the air;(9)LTANK-SWRCB Leaking Underground Storage Tanks; (10)UTANK-SWRCB Underground tanks reported to the SWEEPS systems; (11)IUR-Inventory Update Rule (Chemical Manufacturers);
(12)WB-LF- Waste Board - Leaking Facility, site has known migration; (13)WDSE-Waste Discharge System - Enforcement Action; (14)DTSCD-Department of Toxic Substance Control Docket.
Agency: Office of Environmental Protection, Office of Hazardous Material
Phone Number: 9164456532
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:
TODD SHIPYARD MapID: 28 Listed

Hist-LUSTIS-CA
Lust Information System (LUSTIS)
Category: ERS Supplemental Govt Sources
Description: This database contains sites reported on the Lust Information System in 1998.
Agency: California Environmental Protection Agency
Phone Number: 9164456532
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:
CATALINA TERMINAL BERTH 95 MapID: 15 Listed
TODD SHIPYARD MapID: 28 Listed

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Hist-Machine Shop

Machine Shops, Welding, Machine Repair
Category: ERS Exclusive Historic Sources
Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites, such as: Machine shops, welding shops and machine repair.
Agency: Environmental Record Search (ERS)
Phone Number: 8003772430
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:
None Found

Hist-Manufacturing

Historic Sources US: Manufacturing
Category: ERS Exclusive Historic Sources
Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes manufacturing sites.
Agency: Environmental Record Search (ERS)
Phone Number: 8003772430
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:
SEA-A-MUSEUM LIKE SHOP MapID: 6 Listed

Hist-Metal Plating

Metal Plating
Category: ERS Exclusive Historic Sources
Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes metal plating sites.
Agency: Environmental Record Search (ERS)
Phone Number: 8003772430
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:
None Found

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Hist-Mining
Mining Operations
Category: ERS Exclusive Historic Sources
Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes Mining facilities.
Agency: Environmental Record Search (ERS)
Phone Number: 8003772430
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:
None Found

HIST-MLTS-US
Material Licensing Tracking System
Category: ERS Supplemental Govt Sources
Description: This database contains facilities listed on the Material Licensing Tracking system that possess or use radioactive materials as reported by the U.S. Nuclear Regulatory Commission. In late 2012, the agency changed from MLTS to WBL system and no longer keep track of certain information that was available in the old MLTS system.
Agency: U.S. Nuclear Regulatory Commission
Phone Number: 3014157169
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:
None Found

Hist-Mortuaries
Crematories/Mortuaries
Category: ERS Exclusive Historic Sources
Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Mortuaries and Crematories.
Agency: Environmental Record Search (ERS)
Phone Number: 8003772430
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:
None Found

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HIST-MTBE-CA
Historical Sites With MTBE (Methyl Tertiary-Butyl Ether) Contamination
Category: ERS Supplemental Govt Sources
Description: This database contains Historical Sites With MTBE (Methyl Tertiary-Butyl Ether) Contamination reported by the California Regional Water Quality Control Boards.
Agency: California Environmental Protection Agency-California Regional Water Quality Control Boards
Phone Number: 9163415254
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:
None Found

Hist-NPL-US
National Priority List
Category: ERS Supplemental Govt Sources
Description: This database contains NPL sites as reported in 1998.
Agency: United States Environmental Protection Agency
Phone Number: 8004249346
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:
None Found

Hist-Oil-Gas
Oil and Gas Well Related Facilities
Category: ERS Exclusive Historic Sources
Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes Oil and Gas Well related facilities.
Agency: Environmental Record Search (ERS)
Phone Number: 8003772430
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:
None Found

Hist-OilGas-Refiners
Oil/Gas Refiners/Manufacturers/Plants
Category: ERS Exclusive Historic Sources

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Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes Oil and Gas Refiners and/or plants.
Agency: Environmental Record Search (ERS)
Phone Number: 8003772430
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:
None Found

Hist-Orange-County-LF-CA
Orange County Landfills
Category: ERS Supplemental Govt Sources
Description: This database contains county landfills reported in 1998.
Agency: Orange County Health Care Agency
Phone Number: 7148343446
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:
None Found

Historical-CA
Historical Sites
Category: ERS Supplemental Govt Sources
Description: Identifies sites from an older database where no site type was identified. Most of these sites have a status of Referred or No Further Action. DTSC is working to clean-up this data by identifying an appropriate site type for each “Historic” site.
Agency: California Department of Toxic Substance Control
Phone Number: 8777869427
Date last updated: 2/9/2016
Date last checked: 1/13/2016
Distance searched: 0.5 miles
Sites:
PLAZA AUTOMOTIVE CENTER MapID: 39 Listed

Hist-Other
Environmental Facilities
Category: ERS Exclusive Historic Sources
Description: City Directory data of listings that fall under the categories of Lumber, Machinery dealers, and machnists.
Agency: Environmental Record Search (ERS)

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Phone Number: 8003772430
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:
None Found

Hist-Paint-Stores
Paint Stores
Category: ERS Exclusive Historic Sources
Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes paint stores.
Agency: Environmental Record Search (ERS)
Phone Number: 8003772430
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:
None Found

Hist-Petroleum
Petroleum Refining/ Manufacturing/ Chemicals
Category: ERS Exclusive Historic Sources
Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Petroleum Refining, Manufacturing, and/or processing Chemicals.
Agency: Environmental Record Search (ERS)
Phone Number: 8003772430
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:
None Found

Hist-Post-Offices
Post Offices
Category: ERS Exclusive Historic Sources
Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes post offices.
Agency: Environmental Record Search (ERS)
Phone Number: 8003772430

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Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:
None Found

Hist-Printers
Printers and Publishers
Category: ERS Exclusive Historic Sources
Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Printers and Publishers.
Agency: Environmental Record Search (ERS)
Phone Number: 8003772430
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:
None Found

Hist-Prop65-CA
Historical Prop 65 Sites
Category: ERS Supplemental Govt Sources
Description: This database contains historical sites that have a Prop 65 form on their file as reported by the Ventura County Environmental Health.
Agency: Ventura County Environmental Health
Phone Number: 8056542815
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:
None Found

HIST-R4-CA
Historical sites
Category: State/Tribal ASTM Other
Description: This database contains a listing of Historical sites in Los Angeles Region reported by Los Angeles Regional Water Quality Control Board.
Agency: Los Angeles Regional Water Quality Control Board
Phone Number: 2135766725
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:

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Hist-RCRIS-US
EPA's Resource Conservation and Recovery Act
Category: ERS Supplemental Govt Sources
Description: This database contains RCRA facilities as reported by the EPA in 1998. It includes, small, large, and conditionally exempt generators.
Agency: United States Environmental Protection Agency
Phone Number: 8004249346
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:
None Found

Hist-Regional-LUST-CA
Leaking Underground Storage Tanks
Category: ERS Supplemental Govt Sources
Description: This database contains LUST listings reported by Regional Districts of the Water Quality Control Board in 1998. The corresponding agency name and database name will be listed in the details section of the occurrence.
Agency: Regional Water Quality Control Board
Phone Number: 9163415808
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:
None Found

Hist-Regional-Other-CA
Toxic Lists, Site Mitigation, and Groundwater Cleanup Program
Category: ERS Supplemental Govt Sources
Description: This database contains environmental listings reported by County Offices in 1998. The corresponding agency name and database name will be listed in the details section of the occurrence.
Agency: Local County Agencies
Phone Number: 7146698096
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:
TOWN GAS PLANT SAN PEDRO MapID: 18 Listed

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Hist-Regional-SLIC-CA
List of Spills and Leak Sites
Category: ERS Supplemental Govt Sources
Description: This database contains SLIC listings reported by Regional Districts of the Water Quality Control Board in 1998. The corresponding agency name and database name will be listed in the details section of the occurrence.
Agency: Regional Water Quality Control Board
Phone Number: 9163415808
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:
None Found

Hist-Regional-Spills-CA
Industrial Cleanup Sites
Category: ERS Supplemental Govt Sources
Description: This database contains the industrial cleanup sites reported in 1998 by the Orange County Health Care Agency.
Agency: Orange County Health Care Agency
Phone Number: 7148343446
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:
None Found

Hist-Regional-SWLF-CA
County Landfills and Transfer Stations
Category: ERS Supplemental Govt Sources
Description: This database contains county landfills and transfer stations as reported in 1998 by the Public Health Investigations, Hazardous Material Control Program.
Agency: Public Health Investigations, Hazardous Material Control Program
Phone Number: 2138814151
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:
None Found

Hist-Regional-UST-CA
Underground Storage Tanks
Category: ERS Supplemental Govt Sources

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Description: This database contains UST listings reported by Regional Districts of the Water Quality Control Board in 1998. The corresponding agency name and database name will be listed in the details section of the occurrence.
Agency: Regional Water Quality Control Board
Phone Number: 9163415808
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:
None Found

Hist-Rental
Rental Equipment & Yards
Category: ERS Exclusive Historic Sources
Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes rental equipment facilities and yards.
Agency: Environmental Record Search (ERS)
Phone Number: 8003772430
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:
None Found

Hist-RV-Dealers
Trailer and Recreational Vehicle Dealers
Category: ERS Exclusive Historic Sources
Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Trailer and Recreational Vehicle Dealers.
Agency: Environmental Record Search (ERS)
Phone Number: 8003772430
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:
None Found

Hist-Salvage
Vehicle Salvage Yards or Wreckers
Category: ERS Exclusive Historic Sources

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Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Vehicle Salvage Yards or Wreckers.
Agency: Environmental Record Search (ERS)
Phone Number: 8003772430
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:
None Found

Hist-SCL-CA
California Cerclis Sites
Category: ERS Supplemental Govt Sources
Description: This database contains California CERCLIS sites as reported in 1998.
Agency: U.S. Environmental Protection Agency, Region 9
Phone Number: 4159478000
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:
None Found

Hist-Service Stations
Service Stations/Vehicle Fueling
Category: ERS Exclusive Historic Sources
Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Service Stations/Vehicle Fueling Stations.
Agency: Environmental Record Search (ERS)
Phone Number: 8003772430
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:
LOS ANGELES MARINE HARDWARE INC MapID: 4 Listed

Hist-Steel-Metals
Steel Mills/Manufacturers/Foundries/Smelters
Category: ERS Exclusive Historic Sources
Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes steel metal manufacturers, foundries, and smelters.

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Agency: Environmental Record Search (ERS)
Phone Number: 8003772430
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:
None Found

Hist-SWF-CA
Previous listed Solid Waste Facilities
Category: State/Tribal Landfill/Solid Waste
Description: This database contains a listing of previous listed active sites that may no longer be active as reported by the California Department of Toxic and Substance Control.
Agency: California Department of Toxic and Substance Control
Phone Number: 9163233400
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.5 miles
Sites:
None Found

Hist-SWIS-CA
Solid Waste Information System (SWIS)
Category: ERS Supplemental Govt Sources
Description: The California Solid Waste Information System (SWIS) database consists solid waste disposal facilities and transfer stations. This database is from 1998.
Agency: Integrated Waste Management Board
Phone Number: 9162554021
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:
None Found

Hist-Textile
Textile Mills/Manufacturers
Category: ERS Exclusive Historic Sources
Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes textile mill manufacturers.
Agency: Environmental Record Search (ERS)
Phone Number: 8003772430
Date last updated: Historical Database
Date last checked: N/A

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Distance searched: 0.063 miles
Sites:
None Found

Hist-ToxicPits-CA
Toxic Pits Cleanup Facilities
Category: ERS Supplemental Govt Sources
Description: This database contains toxic pit sites reported in 1998.
Agency: Water Quality Control Board, Division of Loans Grants
Phone Number: 9162274396
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:
None Found

Hist-Transportation
Transportation Facilities
Category: ERS Exclusive Historic Sources
Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Airports and other facilities that may handle hazardous materials and petroleum products.
Agency: Environmental Record Search (ERS)
Phone Number: 8003772430
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:
None Found

Hist-TRIS-US
Toxic Release Inventory System
Category: ERS Supplemental Govt Sources
Description: This database contains facilities who report to the Toxic Release Inventory System as required by the EPA. This reporting is from 1998.
Agency: United States Environmental Protection Agency
Phone Number: 8004249346
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:
None Found

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Hist-Trucking
Trucking, Shipping, Delivery, and/or Storage
Category: ERS Exclusive Historic Sources
Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes sites such as: Trucking, Shipping, and/or Delivery Storage.
Agency: Environmental Record Search (ERS)
Phone Number: 8003772430
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:
None Found

Hist-US
Previously Listed Federal Sites
Category: ERS Supplemental Govt Sources
Description: ERS has compiled records that have been previously listed in other agency databases. When ERS updates an agency database, if there is a record that was in the older version but the record is not found in the newer version, it is put into this database. The site may have been completely removed, or there was a significant change in the record such as Name, ID, or Address. The information from the old listing is preserved in this database along with which database it was originally in, It is also possible that it was moved from one database to another such as a LUST Open site receiving closure and now being listed in the LUST Closed database.
Agency: Environmental Record Search (ERS)
Phone Number: 8003772430
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:
None Found

Hist-US-EC
Engineering Controls Sites List
Category: Federal Inst/Eng Controls
Description: This database contains a listing of Voluntary Action Program Sites with Engineering Controls placed on them and were identified by the Environmental Protection Agency.
Agency: Environmental Protection Agency
Phone Number: 8004249346
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.5 miles
Sites:
None Found

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Hist-USGS-WaterWells-CA
Ground Water Site Inventory for California
Category: ERS Supplemental Govt Sources
Description: This database contains a listing of wells, springs, test holes, tunnels, drains, and excavations in California.
Agency: United States Geological Survey, Water Resources Program
Phone Number: 9162783000
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:
None Found

Hist-US-IC
Sites with Institutional Controls
Category: Federal Inst/Eng Controls
Description: This database contains a listing of Voluntary Action Program Sites with Institutional Controls placed on them and were identified by the Environmental Protection Agency.
Agency: Environmental Protection Agency
Phone Number: 8004249346
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.5 miles
Sites:
None Found

Hist-UST-CA
Historical Underground Storage Tanks
Category: State/Tribal UST
Description: The California State Water Resources Control Board maintained the Hazardous Substances Storage Container Information on file. This is a database that is considered historical by RWQCB as historical and no longer updated.
Agency: California State Water Resources Control Board
Phone Number: 9163415851
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:

MARINE HARDWARE CO	MapID: 2	Listed
LOUISIANA-PACIFIC CORP	MapID: 11	Listed
LOUISIANA-PACIFIC CORP YARD O	MapID: 11	Listed
WESTERN FUEL OIL COMPANY	MapID: 17	Listed
STAR-KIST FOODS INC PLANT 1	MapID: 23	Listed

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ARMED FORCES RESERVE CENTER	MapID: 24	Listed
LOS ALAMITOS ARMED FORCES RESE	MapID: 24	Listed
ARMED FORCES RESERVE CENTER L	MapID: 24	Listed
TODD PACIFIC SHIPYARDS CORPORA	MapID: 28	Listed

Hist-USTReg-CA
Underground Storage Tank Registrations Database
Category: ERS Supplemental Govt Sources
Description: This database contains UST facilities listed on the Registrations Database from 1998.
Agency: State Water Resources Control Board
Phone Number: 9162274337
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:

LOS ANGELES MARINE HARDWARE	MapID: 4	Listed
LOUISIANA-PACIFIC CORP YARD	MapID: 11	Listed
TOM ANAST	MapID: 19	Listed

Hist-Vehicle-Parts
Vehicle Parts
Category: ERS Exclusive Historic Sources
Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes Vehicle Parts Dealers.
Agency: Environmental Record Search (ERS)
Phone Number: 8003772430
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:

ARCO BATTERY MFG CO	MapID: 1	Listed
Arco Battery	MapID: 1	Listed

Hist-Vehicle-Washing
Vehicle/Truck Washing Facilities
Category: ERS Exclusive Historic Sources
Description: ERS has compiled proprietary lists of MILLIONS of records dating back to the 1800's that have shown up in historic resources and based on their classification, may have used hazardous materials or petroleum products. This listing includes vehicle washing facilities.
Agency: Environmental Record Search (ERS)

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Phone Number: 8003772430
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:
None Found

Hist-WaterWells-US
Public Community Water Supply/Well Head Protection Database
Category: ERS Supplemental Govt Sources
Description: This database contains the public community water supply wells as reported by the Geological Survey in 1998.
Agency: Geological Survey
Phone Number: 6092921185
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:
None Found

Hist-WIP-Active-CA
Well Investigation Program Case List, Active Sites
Category: State/Tribal ASTM Other
Description: The Los Angeles Regional Water Quality Control Board maintains a listing under the San Gabriel-San Fernando Valley Cleanup Programs (Case List). The Well Investigation Program tracks these sites. These records are active and also on the California SLIC database. This database is no longer updated.
Agency: Los Angeles Regional Water Quality Control Board
Phone Number: 2135766725
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.5 miles
Sites:
None Found

Hist-WIP-Backlog-CA
Well Investigation Program Case List, Backlog Sites
Category: State/Tribal ASTM Other
Description: The Los Angeles Regional Water Quality Control Board maintains a listing under the San Gabriel-San Fernando Valley Cleanup Programs (Case List). The records on this database have not been currently assigned to a staff member and/or has very low priority in terms of contamination. This database is no longer updated.
Agency: Los Angeles Regional Water Quality Control Board
Phone Number: 2135766725

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Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.5 miles
Sites:
None Found

Hist-WIP-Historical-CA
Well Investigation Program Case List, Historical Sites
Category: State/Tribal ASTM Other
Description: The Los Angeles Regional Water Quality Control Board maintains a listing under the San Gabriel-San Fernando Valley Cleanup Programs (Case List). The records in this database have received a No Further Action Letter. This database is no longer updated.
Agency: Los Angeles Regional Water Quality Control Board
Phone Number: 2135766725
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.5 miles
Sites:
None Found

Hist-WMUDS-CA
Waste Management Unit Database System
Category: ERS Supplemental Govt Sources
Description: This database from 1998 contains information from: Facility, Waste Management Unit, SWAT Program and Report Summary Information, Chapter 15 (formerly Subchapter 15), TPCA and RCRA Program Information, Closure Information; also some information from the WDS (Waste Discharge System).
Agency: State Water Resources Control Board
Phone Number: 9168920323
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:
None Found

HMIS-US
Hazardous Materials Information System
Category: Federal Emergency Release Reports
Description: Data includes spills, releases, or other incidents involving hazardous materials in commerce during the course of transportation. All modes of transportation are included except pipeline and bulk marine transportation. Data represent a census of all incidents reportable to the U.S. Department of Transportation This database contains a listing of spills. (DOT). U.S. federal regulations require all spills meeting the following criteria to be reported, in writing, to DOT's Office of Hazardous Materials Safety.
Agency: US Department of Transportation Pipeline and Hazardous Materials Safety Administration

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Phone Number: 2023664433
Date last updated: 10/12/2016
Date last checked: 9/13/2016
Distance searched: 0.063 miles
Sites:
None Found

HWIS-CA
Hazardous Waste Information Summary
Category: State/Tribal RCRA Equivalent
Description: The Hazardous Waste Summary Report (formerly the Tanner Report) is prepared from data extracted from the copies of hazardous waste manifests received each year by DTSC. The volume of manifests is typically 900,000 - 1,000,000 annually, representing approximately 450,000 - 500,000 shipments. This database contains a listing of facilities extracted from the data.
Agency: California Department of Toxic Substances Control
Phone Number: 9162553745
Date last updated: 12/7/2016
Date last checked: 12/7/2016
Distance searched: 0.063 miles
Sites:

327 N HARBOR BLVD LLC	MapID: 1	Listed
MARINA HARDWARE COMPANY, INC.	MapID: 4	Listed
KAISER INTERNATIONAL	MapID: 7	Listed
COAST DIVING SERVICES	MapID: 8	Listed
COAST DIVING SERVICE, INC	MapID: 8	Listed

HWT-CA
Hazardous Waste Transporters
Category: ERS Supplemental Govt Sources
Description: This database contains a listing of Registered Hazardous Waste Transporters in California defined by the Department of Toxic Substance Control. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number. The database current active, inactive, and closed facilities.
Agency: California Department of Toxic of Substance Control
Phone Number: 9164407145
Date last updated: 5/19/2016
Date last checked: 5/12/2016
Distance searched: 0.25 miles
Sites:

UNITED DRAIN OIL	MapID: 22	Listed

ICE-CA

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Inspection, Compliance, and Enforcement
Category: State/Tribal ASTM Other
Description: This database contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.
Agency: California State Water Resources Control Board
Phone Number: 9163415808
Date last updated: 12/5/2016
Date last checked: 12/1/2016
Distance searched: 0.25 miles
Sites:
None Found

ICIS-Air-US
Integrated Compliance Information System for Air
Category: ERS Supplemental Govt Sources
Description: The Integrated Compliance Information System for Air (ICIS-Air) data exchange allows all State, Local, and Tribal Air agencies providing air stationary source enforcement and compliance data to submit their data to EPA via the Exchange Network.
Agency: United States Environmental Protection Agency
Phone Number: 2025645962
Date last updated: 9/8/2015
Date last checked: 7/15/2015
Distance searched: 0.063 miles
Sites:
None Found

ICIS-FEC-US
Integrated Compliance Information System for Federal Enforcement Data
Category: ERS Supplemental Govt Sources
Description: The Integrated Compliance Information System (ICIS) tracks all formal administrative and judicial enforcement actions taken by the U.S. EPA and is used as the system of record to provide official enforcement data.
Agency: United States Environmental Protection Agency
Phone Number: 2025646962
Date last updated: 7/29/2015
Date last checked: 7/20/2015
Distance searched: 0.063 miles
Sites:
None Found

ICIS-NPDES-US
National Pollutant Discharge Elimination System (NPDES)
Category: ERS Supplemental Govt Sources

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Description: The National Pollutant Discharge Elimination System (NPDES) permit program controls water pollution by regulating point sources that discharge pollutants into waters of the United States. This database contains a listing of permit holders.
Agency: United States Environmental Protection Agency
Phone Number: 2022720167
Date last updated: 5/5/2016
Date last checked: 4/7/2016
Distance searched: 0.063 miles
Sites:
None Found

LA-LF-CA
Los Angeles County Landfills
Category: State/Tribal Solid Waste
Description: This database contains the property boundaries of Los Angeles county landfills and solid waste sites.
Agency: Department of Public Works
Phone Number: 8882532652
Date last updated: 8/10/2016
Date last checked: 8/10/2016
Distance searched: 1 mile
Sites:
None Found

Land-Disposal-CA
Land Disposal-Landfill
Category: State/Tribal Landfill/Solid Waste
Description: This database contains a listing of Land Disposal Sites managed by RWQCB. Cleanup status is included on data.
Agency: California Regional Water Quality Control Board
Phone Number: 9163415455
Date last updated: 12/8/2016
Date last checked: 12/2/2016
Distance searched: 0.5 miles
Sites:
None Found

LA-Waste-Haulers-CA
Waste Haulers
Category: ERS Supplemental Govt Sources
Description: This database contains waste haulers as reported by the Los Angeles Department of Public Works.
Agency: Department of Public Works
Phone Number: 8882532652

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Date last updated: 5/20/2016
Date last checked: 5/11/2016
Distance searched: 0.063 miles
Sites:
None Found

Lead-Smelter-2-US
Lead Smelter Sites
Category: ERS Supplemental Govt Sources
Description: This database contains 464 sites that were reported as potential lead smelters sites in research conducted by the EPA Superfund Program and other sources. The sites are listed on the 2007 published report by the EPA Superfund Program.
Agency: United States Environmental Protection Agency
Phone Number: 7034129810
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:
None Found

Lead-US
Lead Smelter Sites
Category: ERS Supplemental Govt Sources
Description: This database contains lead smelter sites reported by the Environmental Protection Agency. This database is provided by the Superfund Enterprise Management System (SEMS).
Agency: United States Environmental Protection Agency
Phone Number: 2025645962
Date last updated: 11/24/2015
Date last checked: 11/10/2015
Distance searched: 0.25 miles
Sites:
None Found

Liens-CA
California Liens
Category: State/Tribal Inst/Eng Controls
Description: This database identifies sites that have liens reported by the California Department of Toxic and Substance Control.
Agency: California Department of Toxic and Substance Control.
Phone Number: 9163233400
Date last updated: 12/8/2016
Date last checked: 12/1/2016
Distance searched: 0.063 miles
Sites:

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None Found

LIENS-US
Federal LIEN Sites
Category: Federal Inst/Eng Controls
Description: This database contains sites that have had Federal Liens filed on them as reported by the EPA.
Agency: United States Environmental Protection Agency
Phone Number: 8004249346
Date last updated: 9/13/2016
Date last checked: 9/13/2016
Distance searched: 0.063 miles
Sites:
None Found

LMOP-US
Landfill Methane Outreach Program
Category: ERS Supplemental Govt Sources
Description: The U.S. Environmental Protection Agency's Landfill Methane Outreach Program (LMOP) is a voluntary assistance program that helps to reduce methane emissions from landfills by encouraging the recovery and beneficial use of landfill gas (LFG) as a renewable energy resource.
Agency: Environmental Protection Agency
Phone Number: 2025647873
Date last updated: 8/12/2016
Date last checked: 7/19/2016
Distance searched: 0.5 miles
Sites:
None Found

LUST-Closed-CA
Leaking Underground Storage Tanks, Closed Cases
Category: State/Tribal LUST
Description: The California State Water Resources Control Board's Underground Storage Tank Program keeps a list of all underground storage tanks which have been reported as having had a release. This subset of sites are those that have received closure and now have a status of Case Closed. This database contains a listing of these facilities.
Agency: California State Water Resources Control Board
Phone Number: 9163415808
Date last updated: 12/9/2016
Date last checked: 12/1/2016
Distance searched: 0.25 miles
Sites:
None Found

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LUST-Open-CA
Leaking Underground Storage Tanks, Open Cases
Category: State/Tribal LUST
Description: The California State Water Resources Control Board's Underground Storage Tank Program keeps a list of all underground storage tanks which have been reported as having had a release. This subset of sites are those that have not yet been cleaned up and now have a status of Case Open.
Agency: California State Water Resources Control Board
Phone Number: 9163415808
Date last updated: 12/9/2016
Date last checked: 12/1/2016
Distance searched: 0.5 miles
Sites:
None Found

Manifest2-RI
Hazardous Waste Manifest
Category: State/Tribal RCRA Equivalent
Description: The Rhode Island Department of Environmental Management, Hazardous Waste Manifest System lists sites from all over the country, not just Rhode Island. To be thorough, ERS has searched the data subset that includes Maine sites for listings on or near the subject site that are listed in the Rhode Island Department of Environmental Management, Hazardous Waste Manifest System.
Agency: Rhode Island Department of Environmental Management
Phone Number: 4012222797
Date last updated: 2/19/2016
Date last checked: 2/19/2016
Distance searched: 0.063 miles
Sites:
None Found

MethaneLF-CA
Methane Producing Landfills
Category: State/Tribal Other
Description: This database represents known disposal sites in Los Angeles County that may produce and emanate methane gas. The database contains disposal sites within Los Angeles County that once accepted degradable refuse material.
Agency: Los Angeles County GIS Portal
Phone Number: 6264585189
Date last updated: 8/10/2016
Date last checked: 8/10/2016
Distance searched: 1 mile
Sites:
None Found

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Military-Bases-US
Military Base Boundaries
Category: ERS Supplemental Govt Sources
Description: United States Military Installations is a polygon theme representing the boundaries and location information for important military installations in the United States and Puerto Rico. The database includes records for 405 military installations.
Agency: Research and Innovative Technology Administration's Bureau of Transportation Statistics
Phone Number: 2023663828
Date last updated: 8/9/2016
Date last checked: 7/22/2016
Distance searched: 1 mile
Sites:
None Found

Mines2-CA
California Mines
Category: ERS Supplemental Govt Sources
Description: This database contains Mines reported by the California Department of Conservation. These include, active, closed, exempt, newly permitted, and idle.
Agency: California Department of Conservation
Phone Number: 9163239198
Date last updated: 3/1/2016
Date last checked: 3/1/2016
Distance searched: 0.063 miles
Sites:
None Found

Mines-CA
Death Valley Mines
Category: ERS Supplemental Govt Sources
Description: This database contains death valley mines as reported by the California Department of Conservation.
Agency: California Department of Conservation
Phone Number: 9163239198
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:
None Found

MINES-US
Mines Master Index File
Category: ERS Supplemental Govt Sources

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Description: The Master Index file contains mine identification numbers issued for mines active or opened since 1971.
Agency: United States Department of Labor
Phone Number: 8777786055
Date last updated: 8/13/2015
Date last checked: 7/27/2015
Distance searched: 0.063 miles
Sites:
None Found

MLTS-US
Material Licensing Tracking System
Category: ERS Supplemental Govt Sources
Description: This database contains facilities listed on the Material Licensing Tracking system that possess or use radioactive materials as reported by the U.S. Nuclear Regulatory Commission.
Agency: U.S. Nuclear Regulatory Commission
Phone Number: 3014157169
Date last updated: 8/12/2015
Date last checked: 8/10/2015
Distance searched: 0.063 miles
Sites:
None Found

MRDS-US
Mineral Resources Data System (MRDS)
Category: ERS Supplemental Govt Sources
Description: MRDS is a collection of reports describing metallic and nonmetallic mineral resources throughout the world. Included are deposit name, location, commodity, deposit description, geologic characteristics, production, reserves, resources, and references.
Agency: U.S. Geologic Survey
Phone Number: 8882758747
Date last updated: 4/28/2016
Date last checked: 2/26/2016
Distance searched: 0.25 miles
Sites:
None Found

MWMP-CA
Medical Waste Management Program
Category: ERS Supplemental Govt Sources
Description: This database contains permitted transfer and treatment facilities reported by the California Department of Public Health.
Agency: California Department of Public Health
Phone Number: 9164495671

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Date last updated: 12/8/2016
Date last checked: 12/1/2016
Distance searched: 0.25 miles
Sites:
None Found

NEI-LF-CA
NEI (National Emission Inventory) Landfill Point Sources
Category: ERS Supplemental Govt Sources
Description: This database contains National Emission Inventory Landfill Point Sources reported by the California Air Resources Board. ARB reported this data to the NEI back in 1999.
Agency: California Air Resources Board
Phone Number: 9163222990
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:
None Found

NPDES-CA
National Pollutant Discharge Elimination System
Category: ERS Supplemental Govt Sources
Description: This database contains a listing of National Pollutant Discharge Elimination System (NPDES) permits registered through the California EPA.
Agency: California Environmental Protection Agency
Phone Number: 8665633107
Date last updated: 7/29/2016
Date last checked: 12/6/2016
Distance searched: 0.063 miles
Sites:
None Found

NPDES-SW-CA
Notice of Intent Data
Category: ERS Supplemental Govt Sources
Description: This database contains dischargers that have submitted Notice of Intent (NOIs) as reported by the California State Water Resources Control Board.
Agency: California State Water Resources Control Board
Phone Number: 8665633107
Date last updated: 6/1/2016
Date last checked: 12/6/2016
Distance searched: 0.063 miles
Sites:
None Found

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NPL-R9-US
NPL Region 9 Site Boundaries
Category: Federal NPL
Description: This database contains the boundaries of the NPL sites within the specified EPA region.
Agency: Environmental Protection Agency
Phone Number: 4159478000
Date last updated: 8/29/2016
Date last checked: 8/29/2016
Distance searched: 1 mile
Sites:
None Found

NPL-US
National Priorities List
Category: Federal NPL
Description: The National Priorities List is the list of national priorities among the known releases or threatened releases of hazardous substances, pollutants, or contaminants throughout the United States and its territories. The NPL is intended primarily to guide the EPA in determining which sites warrant further investigation. This database contains a listing of NPL sites.
Agency: United States Environmental Protection Agency
Phone Number: 8004249346
Date last updated: 9/30/2016
Date last checked: 9/8/2016
Distance searched: 1 mile
Sites:
None Found

OGM-CA
Oil and Gas Monitoring
Category: ERS Supplemental Govt Sources
Description: This database includes Oil and Gas Monitoring wells reported by the California State Water Resource Control Board.
Agency: California State Water Resource Control Board
Phone Number: 8665633107
Date last updated: 6/6/2016
Date last checked: 5/3/2016
Distance searched: 0.063 miles
Sites:
None Found

OGW-CA
California Oil and Gas Wells

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Category: ERS Supplemental Govt Sources
Description: This database contains a listing of Oil and Gas Wells maintained by the Department of Conservation.
Agency: California Department of Conservation
Phone Number: 9163231779
Date last updated: 2/12/2016
Date last checked: 2/3/2016
Distance searched: 0.063 miles
Sites:
None Found

OSCF-CA
Orphan Site Cleanup Fund
Category: ERS Supplemental Govt Sources
Description: This database contains sites listed under the Orphan Site Cleanup Fund. OSCF is a financial assistance program within the Division of Financial Assistance. OSCF was established to provide financial assistance to eligible applicants for the cleanup of brownfields sites contaminated by leaking petroleum underground storage tanks where there is no financially responsible party.
Agency: California State Water Resource Control Board
Phone Number: 9163415760
Date last updated: 11/23/2016
Date last checked: 11/16/2016
Distance searched: 0.5 miles
Sites:
None Found

PADS-US
PCB Registration Database System
Category: Federal ASTM Other
Description: This database contains a listing of generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.
Agency: United States Environmental Protection Agency
Phone Number: 2025660500
Date last updated: 9/12/2016
Date last checked: 9/12/2016
Distance searched: 0.063 miles
Sites:
None Found

PCB-US
PCB Transformers
Category: Federal ASTM Other
Description: PCB Transformer Registration Database. This database indicates the best known current status of registered PCB transformers

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Agency: United States Environmental Protection Agency
Phone Number: 7033088404
Date last updated: 9/12/2016
Date last checked: 9/12/2016
Distance searched: 0.25 miles
Sites:
None Found

PCS-US
Permit Compliance System for Clean Water Act
Category: ERS Supplemental Govt Sources
Description: PCS is an information management system maintained by the Office of Compliance to track permit compliance and enforcement status of facilities regulated by the National Pollutant Discharge Elimination System (NPDES) under the Clean Water Act. PCS is designed to support the NPDES program at the state, regional, and national levels.
Agency: United States Environmental Protection Agency
Phone Number: 2025640221
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.25 miles
Sites:
None Found

Perch1-CA
Perchlorate Confirmed Contaminant Sites
Category: ERS Supplemental Govt Sources
Description: This database contains sites with perchlorate contamination as reported by the State Water Resource Control Board.
Agency: State Water Resource Control Board
Phone Number: 9517824902
Date last updated: 5/18/2016
Date last checked: 5/3/2016
Distance searched: 0.25 miles
Sites:
None Found

Perch2-CA
Perchlorate Confirmed Contaminant Sites
Category: ERS Supplemental Govt Sources
Description: This database contains sites with perchlorate contamination as reported by the State Water Resource Control Board.
Agency: State Water Resource Control Board
Phone Number: 9517824902
Date last updated: 5/18/2016

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Date last checked: 5/3/2016
Distance searched: 0.25 miles
Sites:
None Found

PR-MOA-CA
Polanco Redevelopment
Category: State/Tribal ASTM Other
Description: This database contains the Polanco Redevelopment MOA sites reported by the Department of Toxic Substances Control.
Agency: California Department of Toxic Substances Control
Phone Number: 9162553586
Date last updated: 8/1/2016
Date last checked: 8/1/2016
Distance searched: 0.25 miles
Sites:
None Found

Proposed-NPL-US
Proposed NPL Sites
Category: Federal NPL
Description: The EPA provides information on the assessment and remediation of current hazardous waste sites. The site in this database have been proposed for the NPL list.
Agency: United States Environmental Protection Agency
Phone Number: 8004249346
Date last updated: 9/30/2016
Date last checked: 9/8/2016
Distance searched: 1 mile
Sites:
None Found

RADINFO-US
Radiation Information Database
Category: ERS Supplemental Govt Sources
Description: This database contains a listing of facilities that are regulated by the US EPA regulations for radiation and radioactivity.
Agency: United States Environmental Protection Agency
Phone Number: 2023439775
Date last updated: 8/30/2016
Date last checked: 8/30/2016
Distance searched: 0.063 miles
Sites:
None Found

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RCRA-CESQG-US
Resource Conservation and Recovery Act, Conditionally Exempt Small Quantity Generators
Category: Federal RCRA Generators
Description: The primary goals of RCRA are to: Protect human health and the environment from the potential hazards of waste disposal. Conserve energy and natural resources. Reduce the amount of waste generated. Ensure that wastes are managed in an environmentally sound manner. This database contains a listing of Conditionally Exempt Small Quantity Generators.
Agency: United States Environmental Protection Agency
Phone Number: 8004249346
Date last updated: 9/9/2016
Date last checked: 8/30/2016
Distance searched: 0.25 miles
Sites:
None Found

RCRA-COR-US
Resource Conservation and Recovery Act - Corrective Actions
Category: Federal RCRA CORRACTS
Description: The primary goals of RCRA are to: Protect human health and the environment from the potential hazards of waste disposal. Conserve energy and natural resources. Reduce the amount of waste generated. Ensure that wastes are managed in an environmentally sound manner.
EPA estimates that between 50 and 70 percent of all TSDFs have some degree of environmental contamination requiring detailed investigation and perhaps cleanup. Under a program entitled Corrective Action, EPA has the statutory authority to require permitted and interim status TSDFs to clean up hazardous waste contamination. This database contains a listing of sites that have had corrective action.
Agency: United States Environmental Protection Agency
Phone Number: 8004249346
Date last updated: 9/9/2016
Date last checked: 8/30/2016
Distance searched: 1 mile
Sites:
None Found

RCRA-LQG-US
Resource Conservation and Recovery Act, Large Quantity Generators
Category: Federal RCRA Generators
Description: The primary goals of RCRA are to: Protect human health and the environment from the potential hazards of waste disposal. Conserve energy and natural resources. Reduce the amount of waste generated. Ensure that wastes are managed in an environmentally sound manner. This database contains a listing of Large Quantity Generators.
Agency: United States Environmental Protection Agency
Phone Number: 8004249346
Date last updated: 9/9/2016
Date last checked: 8/30/2016

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Distance searched: 0.25 miles
Sites:
None Found

RCRA-NON-US
Resource Conservation and Recovery Act
Category: Federal RCRA Generators
Description: The primary goals of RCRA are to: Protect human health and the environment from the potential hazards of waste disposal. Conserve energy and natural resources. Reduce the amount of waste generated. Ensure that wastes are managed in an environmentally sound manner. This database contains a listing of RCRA Non-Hazardous generators.
Agency: United States Environmental Protection Agency
Phone Number: 8004249346
Date last updated: 9/9/2016
Date last checked: 8/30/2016
Distance searched: 0.25 miles
Sites:

SANDOVAL TRUCKING	MapID: 9	Listed
TODD PACIFIC SHIPYARDS CORPORATION	MapID: 28	Listed

RCRA-SQG-US
Resource Conservation and Recovery Act, Small Quantity Generators
Category: Federal RCRA Generators
Description: The primary goals of RCRA are to: Protect human health and the environment from the potential hazards of waste disposal. Conserve energy and natural resources. Reduce the amount of waste generated. Ensure that wastes are managed in an environmentally sound manner. This database contains a listing of Small Quantity Generators.
Agency: United States Environmental Protection Agency
Phone Number: 8004249346
Date last updated: 9/9/2016
Date last checked: 8/30/2016
Distance searched: 0.25 miles
Sites:

ARCO BATTERY MFG CO	MapID: 1	Listed
LA PUMPING PLANT #67	MapID: 14	Listed
SAN PEDRO BOAT WORKS	MapID: 17	Listed
LA PUMPING PLANT #91	MapID: 21	Listed

RCRA-TSD-US
Resource Conservation and Recovery Act - Treatment, Storage, and Disposal sites
Category: Federal RCRA non-CORRACTS TSD

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Description: The primary goals of RCRA are to: Protect human health and the environment from the potential hazards of waste disposal. Conserve energy and natural resources. Reduce the amount of waste generated. Ensure that wastes are managed in an environmentally sound manner.
This database contains a listing of Treatment, Storage and Disposal Facilities - Facilities that receive hazardous waste from generators or other facilities for treatment, storage or disposal of waste are known as TSDFs.
Agency: United States Environmental Protection Agency
Phone Number: 8004249346
Date last updated: 9/9/2016
Date last checked: 8/30/2016
Distance searched: 0.5 miles
Sites:
None Found

Response-CA
State Response Sites
Category: State/Tribal NPL
Description: This database identifies confirmed release sites where DTSC is involved in remediation, either in a lead role or oversight capacity.
Agency: California Department of Toxic Substances Control
Phone Number: 9163233400
Date last updated: 12/5/2016
Date last checked: 11/30/2016
Distance searched: 1 mile
Sites:
RICHARDS CLEANERS MapID: 40 ACTIVE

RFG-Lab-US
Reformulated Gasoline (RFG)
Category: ERS Supplemental Govt Sources
Description: This database includes the list of registered Reformulated Gasoline Laboratories.
Agency: Environmental Protection Agency, United States
Phone Number: 2023439303
Date last updated: 11/24/2015
Date last checked: 11/18/2015
Distance searched: 0.25 miles
Sites:
None Found

RMP-US
Risk Management Plans
Category: ERS Supplemental Govt Sources

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Description: This database contains facilities that have developed risk management plans as reported by the Environmental Protection Agency. The System for Risk Management Plans (SRMP) is a suite of electronic systems containing information relating to risk management plans submitted by facilities in accordance with the Clean Air Act, Section 112(r). Affected facilities are to develop risk management programs which will prevent and minimize consequences of accidental releases of certain hazardous chemicals that could harm public health and the environment.
Agency: United States Environmental Protection Agency
Phone Number: 2025642491
Date last updated: 4/22/2016
Date last checked: 2/23/2016
Distance searched: 0.063 miles
Sites:
None Found

ROD-US
Records of Decision
Category: ERS Supplemental Govt Sources
Description: The Record of Decision (ROD) is a public document that explains which cleanup alternatives will be used to clean up a Superfund site. The ROD for sites listed on the NPL (NPL Site Listing Process) is created from information generated during the Remedial Investigation/Feasibility Study (RI/FS).A ROD contains site history, site description, site characteristics, community participation, enforcement activities, past and present activities, contaminated media, the contaminants present, scope and role of response action and the remedy selected for cleanup. This database contains a listing of sites with RODs.
Agency: United States Environmental Protection Agency
Phone Number: 8004249346
Date last updated: 11/24/2015
Date last checked: 11/18/2015
Distance searched: 0.5 miles
Sites:
None Found

SAA-Agreements-US
Sites with Superfund Alternative Approach Agreements
Category: Federal ASTM Other
Description: This database contains sites that have a Superfund Alternative agreement. The Superfund alternative (SA) approach uses the same investigation and cleanup process and standards that are used for sites listed on the NPL. The SA approach is an alternative to listing a site on the NPL; it is not an alternative to Superfund or the Superfund process.
Agency: United States Environmental Protection Agency
Phone Number: 2025645110
Date last updated: 9/2/2016
Date last checked: 9/2/2016
Distance searched: 1 mile
Sites:
None Found

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SDWIS-US
Safe Drinking Water Information System
Category: ERS Supplemental Govt Sources
Description: This database contains the Safe Drinking Water Information including Public Water, Source and Treatment, Enforcements and Violations reported by the United States Environmental Protection Agency.
Agency: United States Environmental Protection Agency
Phone Number: 8004249346
Date last updated: 6/20/2016
Date last checked: 4/6/2016
Distance searched: 0.25 miles
Sites:
None Found

SGV-Deep-Plumes-CA
San Grabiel Valley Deep Plumes
Category: State/Tribal Solid Waste
Description: Contamination plume boundaries that are part of the San Gabriel Valley Superfund areas.
Agency: Environmental Protection Agency
Phone Number: 4159478000
Date last updated: 10/10/2016
Date last checked: 9/30/2016
Distance searched: 1 mile
Sites:
None Found

SGV-Shallow-Plumes-CA
San Grabiel Valley Shallow Plumes
Category: State/Tribal Solid Waste
Description: Contamination plume boundaries that are part of the San Gabriel Valley Superfund areas.
Agency: Environmental Protection Agency
Phone Number: 4159478000
Date last updated: 10/10/2016
Date last checked: 9/30/2016
Distance searched: 1 mile
Sites:
None Found

SGV-Shallow-Plumes-Puente-Valley-CA
Puente Valley Shallow Plumes
Category: State/Tribal Solid Waste
Description: Contamination plume boundaries that are part of the San Gabriel Valley Superfund areas.

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Agency: Environmental Protection Agency
Phone Number: 4159478000
Date last updated: 10/10/2016
Date last checked: 9/30/2016
Distance searched: 1 mile
Sites:
None Found

SLIC-Closed-CA
The Spills, Leaks, Investigation & Cleanup, Closed Cases
Category: Emergency Release Reports
Description: The Spills, Leaks, Investigation & Cleanup (SLIC) Program deals with site investigation and corrective action involving sites not overseen by the Underground Tank Program and the Well Investigation Program. These particular sites have had all remediation completed and are now considered closed by the agency.
Agency: California State Water Resources Control Board
Phone Number: 9163415808
Date last updated: 12/9/2016
Date last checked: 12/1/2016
Distance searched: 0.5 miles
Sites:
None Found

SLIC-CV-CLOSED-CA
List of Spills and Leak Sites
Category: Emergency Release Reports
Description: This database contains a List of Spill and Leak Sites (SL) and Department of Defense (DOD) and Department of Energy (DOE) cleanup cases in the central portion of the Central Valley Region as reported by the Central Valley Regional Quality Board. The database has not been updated since 2005
Agency: Central Valley Regional Quality Board
Phone Number: 9164644712
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.5 miles
Sites:
None Found

SLIC-CV-OPEN-CA
List of Spills and Leak Sites
Category: Emergency Release Reports
Description: This database contains a List of Spill and Leak Sites (SL) and Department of Defense (DOD) and Department of Energy (DOE) cleanup cases in the central portion of the Central Valley Region as reported by the Central Valley Regional Quality Board. The database has not been updated since 2005.
Agency: Central Valley Regional Quality Board

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Phone Number: 9164644712
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.5 miles
Sites:
None Found

SLIC-Open-CA
The Spills, Leaks, Investigation & Cleanup, Open Cases
Category: Emergency Release Reports
Description: The Spills, Leaks, Investigation & Cleanup (SLIC) Program deals with site investigation and corrective action involving sites not overseen by the Underground Tank Program and the Well Investigation Program.
Agency: California State Water Resources Control Board
Phone Number: 9163415808
Date last updated: 12/9/2016
Date last checked: 12/1/2016
Distance searched: 0.5 miles
Sites:

PORT OF LOS ANGELES - TODD SHIPYARD	MapID: 31	Open - Inactive
PORT OF LOS ANGELES - BERTHS 142-143	MapID: 32	Open - Assessment & Interim Remedial Action
UNOCAL MARINE TERMINAL	MapID: 33	Open - Assessment & Interim Remedial Action
SHELL - MORMON ISLAND	MapID: 33	Open - Remediation
FORMER NATIONAL METALS & STEEL CORP.	MapID: 34	Open - Inactive
Former Union Oil Harbor Pipelines	MapID: 35	Open - Assessment & Interim Remedial Action
FORMER CHEVRON MARINE TERMINAL	MapID: 37	Open - Assessment & Interim Remedial Action

SML-CA
Site Mitigation List
Category: State/Tribal ASTM Other
Description: This database contains sites listed by the Site Mitigation Unit program at the Los Angeles County Fire Department. SMU voluntary oversight and corrective action oversight programs are options in addition to DTSC and Regional Water Quality Control Board (RWQCB) oversight programs for residents and businesses of Los Angeles County seeking oversight in a cost effective and timely manner for cleanup of their contaminated properties. A (Y) abated column in data does not always mean the site is closed. Please contact the SMU department for a file review.
Agency: Los Angeles County Fire Department
Phone Number: 3238904106
Date last updated: 7/22/2016
Date last checked: 7/22/2016

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Distance searched: 0.5 miles
Sites:

FORMER ARCO BATTERY MFG	MapID: 5	Listed
ARCO BATTERY	MapID: 5	Listed
LA HARBOR BERTH 115	MapID: 17	Listed
H-10 WATER TAXI COMPANY	MapID: 17	Listed
TODD SHIPYARDS	MapID: 36	Listed
PORT OF LA BERTH 174	MapID: 38	Listed
PLAZA AUTOMOTIVE CENTER	MapID: 39	Listed

Spills-SSO-CA
Sanitary Sewer System
Category: ERS Supplemental Govt Sources
Description: This database contains private lateral sewage discharges contained in the State Water Resources Control Board's SSO database.
Agency: State Water Resource Control Board
Phone Number: 8667924977
Date last updated: 5/18/2016
Date last checked: 5/4/2016
Distance searched: 0.25 miles
Sites:
None Found

SSTS-US
Section 7 Tracking System
Category: ERS Supplemental Govt Sources
Description: This database contains a listing of EPA-registered domestic pesticide-producing and device producing establishments and the pesticides produced based on data in the Section Seven Tracking System.
Agency: United States Environmental Protection Agency
Phone Number: 2025644203
Date last updated: 6/27/2016
Date last checked: 6/9/2016
Distance searched: 0.063 miles
Sites:
None Found

SWIS-CA
Solid Waste Information System
Category: State/Tribal Landfill/Solid Waste

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Description: The Solid Waste Information System (SWIS) database contains information on solid waste facilities, operations, and disposal sites throughout the State of California. The types of facilities found in this database include landfills, transfer stations, material recovery facilities, composting sites, transformation facilities, waste tire sites, and closed disposal sites. Includes basic information on each facility in the database such as site, enforcement agency, operator, land owner, throughput, capacity, acreage, permit date, waste types, activity type, regulatory status and operational status.
Agency: California Department of Resources Recycling and Recovery
Phone Number: 9163416320
Date last updated: 8/17/2016
Date last checked: 8/4/2016
Distance searched: 0.5 miles
Sites:
None Found

SWLF-US
Solid Waste Facilities
Category: Federal Solid Waste
Description: This dataset represents verified locations of ACTIVE permitted Municipal Solid Waste facilities as well as ACTIVE permitted Construction and Demolition waste facilities. It is not intended to be a comprehensive inventory of all permitted solid waste facilities. Specifically excluded from this collection are facilities that accept hazardous waste, industrial waste facilities, waste collection/transfer sites and other specialty waste facilities.
Agency: Oak Ridge National Laboratory, GIST
Phone Number: 8652413976
Date last updated: 8/12/2016
Date last checked: 7/19/2016
Distance searched: 0.5 miles
Sites:
None Found

SWRCY-CA
Recycler Database
Category: State/Tribal ASTM Other
Description: A listing of all operational Recycling Centers identified by their Certification Number.
Agency: California Department of Resources Recycling and Recovery
Phone Number: 9163233836
Date last updated: 11/25/2016
Date last checked: 11/21/2016
Distance searched: 0.5 miles
Sites:
None Found

Tribal-Air-US
Tribal Air Permitted Facilities

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Category: ERS Supplemental Govt Sources
Description: This database contains tribal locations that have been issued air permits as reported by the US Environmental Protection Agency. At this time the database includes region 2, 5, 7, 8, 9, 10.
Agency: United States Environmental Protection Agency
Phone Number: 3123532000
Date last updated: 5/1/2015
Date last checked: 2/27/2015
Distance searched: 0.25 miles
Sites:
None Found

Tribal-BF-US
Tribal Brownfields
Category: Federal Brownfield
Description: This database contains a listing of Brownfields on Native American Land identified by the United States Environmental Protection Agency.
Agency: United States Environmental Protection Agency
Phone Number: 8004249346
Date last updated: 5/16/2014
Date last checked: 5/16/2014
Distance searched: 0.5 miles
Sites:
None Found

Tribal-LUST-Closed-Reg9
Tribal Leaking Underground Storage Tanks
Category: Federal LUST
Description: This database contains a listing of Leaking Underground Storage Tanks on Native American Land identified by the United States Environmental Protection Agency in Region 9.
Agency: United States Environmental Protection Agency
Phone Number: 8004249346
Date last updated: 10/18/2016
Date last checked: 9/16/2016
Distance searched: 0.5 miles
Sites:
None Found

Tribal-LUST-Open-Reg9
Tribal Leaking Underground Storage Tanks
Category: Federal LUST
Description: This database contains a listing of Leaking Underground Storage Tanks on Native American Land identified by the United States Environmental Protection Agency in Region 9.
Agency: United States Environmental Protection Agency
Phone Number: 8004249346

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Date last updated: 10/18/2016
Date last checked: 9/16/2016
Distance searched: 0.5 miles
Sites:
None Found

Tribal-ODI-US
Tribal Open Dump Sites
Category: Federal Solid Waste
Description: This database contains a listing of Open Dump Sites on Native American Land identified by the Indian Health Service
Agency: Indian Health Service
Phone Number: 3014431046
Date last updated: 8/30/2016
Date last checked: 8/30/2016
Distance searched: 0.5 miles
Sites:
None Found

Tribal-UST-Reg9
Tribal Underground Storage Tanks
Category: Federal UST
Description: This database contains a listing of Underground Storage Tanks on Native American Land identified by the United States Environmental Protection Agency in Region 9.
Agency: United States Environmental Protection Agency
Phone Number: 8004249346
Date last updated: 9/1/2016
Date last checked: 9/1/2016
Distance searched: 0.25 miles
Sites:
None Found

Tribal-VCP-US
Tribal VCP
Category: Federal Tribal VCP
Description: This database contains voluntary cleanup sites located in tribal land as reported by the United States Environmental Protection Agency.
Agency: United States Environmental Protection Agency
Phone Number: 8004249346
Date last updated: 8/29/2016
Date last checked: 8/29/2016
Distance searched: 0.5 miles
Sites:
None Found

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TRIS2000-US
Toxics Release Inventory System
Category: ERS Supplemental Govt Sources
Description: TRIS is a EPA database reported annually by certain covered industry groups, as well as federal facilities. It contains information about more than 650 toxic chemicals that are being used, manufactured, treated, transported, or released into the environment, and includes information about waste management and pollution prevention activities. This database contains a listing of facilities that reported in the years between 2000-2009.
Agency: United States Environmental Protection Agency
Phone Number: 8004249346
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:
None Found

TRIS2010-US
Toxics Release Inventory System
Category: ERS Supplemental Govt Sources
Description: TRIS is a EPA database reported annually by certain covered industry groups, as well as federal facilities. It contains information about more than 650 toxic chemicals that are being used, manufactured, treated, transported, or released into the environment, and includes information about waste management and pollution prevention activities. This database contains a listing of facilities that reported in the years between 2010-2012.
Agency: United States Environmental Protection Agency
Phone Number: 8004249346
Date last updated: 8/28/2015
Date last checked: 7/28/2015
Distance searched: 0.063 miles
Sites:
None Found

TRIS80-US
Toxics Release Inventory System
Category: ERS Supplemental Govt Sources
Description: TRIS is a EPA database reported annually by certain covered industry groups, as well as federal facilities. It contains information about more than 650 toxic chemicals that are being used, manufactured, treated, transported, or released into the environment, and includes information about waste management and pollution prevention activities. This database contains a listing of facilities that reported in the years between 1987-1989.
Agency: United States Environmental Protection Agency
Phone Number: 8004249346
Date last updated: Historical Database

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Date last checked: N/A
Distance searched: 0.063 miles
Sites:
None Found

TRIS90-US
Toxics Release Inventory System
Category: ERS Supplemental Govt Sources
Description: TRIS is a EPA database reported annually by certain covered industry groups, as well as federal facilities. It contains information about more than 650 toxic chemicals that are being used, manufactured, treated, transported, or released into the environment, and includes information about waste management and pollution prevention activities. This database contains a listing of facilities that reported in the years between 1990-1999.
Agency: United States Environmental Protection Agency
Phone Number: 8004249346
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:
None Found

TSCA-US
Toxics Substance Control Sites
Category: ERS Supplemental Govt Sources
Description: TSCA addresses the production, importation, use, and disposal of specific chemicals including polychlorinated biphenyls (PCBs), asbestos, radon and lead-based paint. This database contains a listing of these facilities.
Agency: United States Environmental Protection Agency
Phone Number: 2025642501
Date last updated: 9/4/2015
Date last checked: 11/21/2014
Distance searched: 0.063 miles
Sites:
None Found

UIC2-CA
Injection Wells
Category: ERS Supplemental Govt Sources
Description: This database contains Injection Wells as reported by the State Water Resource Control Board.
Agency: California State Water Resources Control Board
Phone Number: 8665633107
Date last updated: 12/8/2061
Date last checked: 12/5/2016

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Distance searched: 0.063 miles
Sites:
None Found

UIC-CA
Underground Injection Control Wells
Category: ERS Supplemental Govt Sources
Description: This database contains Underground Injection Control Wells regulated by the California Department of Conservation.
Agency: California Department of Conservation
Phone Number: 9163231779
Date last updated: 10/2/2015
Date last checked: 12/1/2016
Distance searched: 0.063 miles
Sites:
None Found

UMTRA-US
Uranium Mill Tailings Remedial Action Sites
Category: ERS Supplemental Govt Sources
Description: The Uranium Mill Tailings Radiation Control Act (UMTRCA) of 1978 gave the U.S. Department of Energy (DOE) the responsibility of stabilizing, disposing, and controlling uranium mill tailings and other contaminated material at twenty-four uranium mill processing sites located across ten states and at approximately 5,200 associated properties.
Agency: Department of Energy
Phone Number: 5058450011
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.063 miles
Sites:
None Found

USGS-Waterwells-US
Ground Water Site Inventory
Category: ERS Supplemental Govt Sources
Description: This database contains a listing of wells, springs, test holes, tunnels, drains, and excavations reported by the United States Geological Survey, Water Resources Program.
Agency: United States Geological Survey, Water Resources Program
Phone Number: 9162783000
Date last updated: 5/15/2014
Date last checked: 5/15/2014
Distance searched: 0.063 miles
Sites:
None Found

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UST-Abandoned-CA
Inventory of Abandoned Tank Sites
Category: State/Tribal UST
Description: This database contains an inventory of abandoned tank sites reported by the California State Water Resources Control Board.
Agency: California State Water Resources Control Board
Phone Number: 9163415808
Date last updated: 6/1/2016
Date last checked: 8/1/2016
Distance searched: 0.25 miles
Sites:
None Found

UST-CA
Underground Storage Tanks
Category: State/Tribal UST
Description: This database maintains permitted Underground Storage Tanks in CA.
Agency: California State Water Resources Control Board
Phone Number: 9163415808
Date last updated: 12/5/2016
Date last checked: 11/29/2016
Distance searched: 0.25 miles
Sites:
None Found

UST-Cleanup-CA
UST Cleanup Fund Cases
Category: State/Tribal LUST
Description: This database contains leaking UST cases that have been recommended for closure under the State Water Board's authority to perform reviews of claims to the UST Cleanup Fund that have been open for 5 or more years (5 Year
Review). This policy is no longer effective as of 2012 and therefore the listing will not be updated moving forward.
Agency: California State Water Resource Control Board
Phone Number: 9163415808
Date last updated: Historical Database
Date last checked: N/A
Distance searched: 0.5 miles
Sites:
None Found

UST-Closed-CA

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Closure of Underground Storage Tank (UST) Cases
Category: State/Tribal UST
Description: This database contains UST tanks that have been closed as reported by the California State Water Resource Control Board.
Agency: California State Water Resource Control Board
Phone Number: 9163415808
Date last updated: 12/5/2016
Date last checked: 11/30/2016
Distance searched: 0.25 miles
Sites:
None Found

USTComp-CA
Compliance UST
Category: State/Tribal UST
Description: This database contains previously abandoned UST sites that are now in compliance as reported by the California State Water Resources Control Board.
Agency: California State Water Resources Control Board
Phone Number: 9163415808
Date last updated: 5/18/2016
Date last checked: 8/1/2016
Distance searched: 0.25 miles
Sites:
None Found

UST-Priority-CA
UST Cleanup Fund Priority List
Category: State/Tribal UST
Description: This database includes current cleanup cases that are listed on the Cleanup Fund Priority List. The Underground Storage Tank (UST) Cleanup Fund (Fund) provides a means for petroleum UST owners and operators to meet the federal and state requirements of maintaining financial responsibility to pay for any damages arising from their tank operations.
Agency: California State Water Resources Control Board
Phone Number: 9163415808
Date last updated: 12/5/2016
Date last checked: 11/30/2016
Distance searched: 0.5 miles
Sites:
None Found

UST-Proposed-CA
UST Proposed for Closure
Category: State/Tribal UST

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Description: This database contains UST's that are being considered for closure by the SWRCB or the Executive Director.
Agency: California State Water Resources Control Board
Phone Number: 9163415808
Date last updated: 12/5/2016
Date last checked: 11/29/2016
Distance searched: 0.25 miles
Sites:
None Found

Vapor-Intrusions-US
Vapor Intrusion Database
Category: ERS Supplemental Govt Sources
Description: This database contains the vapor intrusion database as reported by the Environmental Protection Agency.
Agency: United States Environmental Protection Agency
Phone Number: 7033057411
Date last updated: 8/17/2016
Date last checked: 8/17/2016
Distance searched: 0.5 miles
Sites:
None Found

WDR-CA
Waste Discharge Requirements
Category: ERS Supplemental Govt Sources
Description: This database contains sites in the Waste Discharge Requirements (WDRs) Program that regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act as reported by the California State Water Resource Control Board.
Agency: California State Water Resource Control Board
Phone Number: 8667924977
Date last updated: 5/18/2016
Date last checked: 5/3/2016
Distance searched: 0.25 miles
Sites:

Berth 100	MapID: 12	Listed
Catalina Cruise Terminal	MapID: 29	Listed

Wells-CA
California Wells
Category: ERS Supplemental Govt Sources

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Description: This database includes wells identified by well completed reports. The agency has notified us not this database does not include all wells in california as this is still a work in progress. The database includes approximately 500K wells.
Agency: California Department of Water Resources
Phone Number: 9166535791
Date last updated: 7/15/2016
Date last checked: 6/24/2016
Distance searched: 0.063 miles
Sites:
None Found

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UN-MAPPABLE OCCURRENCES

The following occurrences were not mapped primarily due to incomplete or inaccurate address information. All of the following occurrences were determined to share the same zip code as the area searched. General status information is given with each occurrence along with any address information entered by the agency responsible for the list.

ID	Facility Name	Address	Database	Status
No "un-mapped" sites requested.				

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PARTNER
Engineering and Science, Inc.

PHASE I ENVIRONMENTAL SITE ASSESSMENT REPORT

319-327 North Harbor Boulevard
San Pedro, California 90731

Report Date: March 3, 2021
Partner Project No. 21-307707.1

Prepared for:

Ultra Systems Environmental
16431 Scientific Way
Irvine, California 92618

March 3, 2021

Ms. Betsy Lindsay
Ultra Systems Environmental
16431 Scientific Way
Irvine, California 92618

Subject: Phase I Environmental Site Assessment
319-327 North Harbor Boulevard
San Pedro, California 90731
Partner Project No. 21-307707.1

Dear Ms. Lindsay:

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

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

We appreciate the opportunity to provide environmental services to you. If you have any questions concerning this report, or if we can assist you in any other matter, please contact me at (201) 984-3651 or via e-mail at mdahl@partneresi.com.

Sincerely,

Melissa Dahl

Melissa Dahl
Relationship Manager

EXECUTIVE SUMMARY

Partner Engineering and Science, Inc. (Partner) has performed a Phase I Environmental Site Assessment (ESA) in accordance with the scope of work and limitations of ASTM Standard Practice E1527-13, the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312) and set forth by Ultra Systems Environmental for the property located at 319-327 North Harbor Boulevard in San Pedro, Los Angeles County, California (the "subject property"). The Phase I Environmental Site Assessment is designed to provide Ultra Systems Environmental with an assessment concerning environmental conditions (limited to those issues identified in the report) as they exist at the subject property.

Property Description

The subject property is located on the west side of North Harbor Boulevard and the south side of West O Farrell Street within a mixed commercial and residential area of Los Angeles County. Please refer to the table below for further description of the subject property:

Subject Property Data	
Addresses:	319-327 North Harbor Boulevard, San Pedro, California
Additional Addresses:	316-332 North Beacon Street
Historical Addresses:	335-347 North Harbor Boulevard, 346 North Beacon Street, 101 East O Farrell Street
Property Use:	Vacant land
Land Acreage (Ac):	0.56
Number of Buildings:	N/A
Assessor's Parcel Number (APN):	7449-014-013 (Parcel A); 7449-014-014 (Parcel B);
Site Assessment Performed By:	Cheryl Manuel of Partner
Site Assessment Conducted On:	February 20, 2021

The subject property currently consists of an unoccupied, vacant parcel with no improvements, tenants, or onsite operations, but is reportedly planned to be redeveloped with an affordable housing complex.

According to available historical sources, the subject property was formerly undeveloped as early as 1888, was developed with a small garage structure in 1921, was developed commercially between 1923 and *circa* 2007 and was a vacant lot from 2007 to present. Tenants on the subject property appear to have included a machine shop (1925-1938), Marine Copper Works (1943), an auto repair facility (1959-*circa* 1969) and Arco Battery Manufacturing Co (1950-2007).

The immediately surrounding properties consist of commercial development to the north and northwest across West O Farrell Street; commercial development to the south; commercial development to the east, northeast and southeast across North Harbor Boulevard; and commercial development to the west across Beacon Street.

According to a preliminary soil investigation conducted on the subject property in 2017 and topographic map interpretation, the depth to groundwater in the vicinity of the subject property was encountered in test borings between 19 to 20 feet below ground surface (bgs) and groundwater flow is inferred to be toward the east.

Findings

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

- Based on the historical information and previous reports reviewed, the subject property was formerly developed with several commercial structures occupied by a machine shop between 1925 and 1938, a copper works facility in 1943, an automobile repair facility from 1959 through *circa* 1969 and a battery manufacturer between 1950 and 2007. Records from the Air Quality Management District (AQMD), show that permits were issued in 1956 for the operation of 500-pound and 1500-pound capacity lead melting furnaces, a battery group burning table, and associated exhaust system and venting equipment.

  Given the historical use of the site, the subject property has undergone several subsurface investigations since the early 1990s. In September 1991, approximately 350 cubic yards of soil was excavated from the site. The soil was treated with chemical fixation in April 1992 and reused to fill the excavation pit. In January 1995, the LACFD HHMD considered the site to be satisfactorily remediated for its use at that time; however, prohibitions were included for site redevelopment until further remediation was conducted. In April 1996, a soil and groundwater investigation was conducted that included the collection of a total of 50 soil samples and four groundwater samples that were analyzed for lead only. Soluble lead concentrations above the regulatory action level were identified in site soils; however, it was determined that groundwater had not been impacted.

  In January 2005, additional subsurface sampling was conducted at the north lot of the subject property (327) to determine the vertical and lateral extent of lead-contaminated soils and to assess pH conditions. A total of 64 samples were collected from 15 borings to a maximum depth of 20 feet bgs. Concentrations of lead were reportedly in the range of non-detect to above standards. In September 2006, a soil gas investigation and additional soil sampling was conducted at the subject property to further characterized and delineate the vertical and lateral extent of lead-contaminated soils previously identified at the site and to assess the presence of other contaminants such as total petroleum hydrocarbons (TPH), polychlorinated biphenyls (PCBs), and organochlorine pesticides. Soil gas probes were reportedly installed in 24 borings throughout the site, at depths between 5 feet and 15 feet bgs. Results from the soil gas investigation indicated the presence of ethylbenzene and xylenes in one boring location at depths of 5 and 15 feet bgs with concentrations of 0.5 and 3.3 micrograms per liter (ug/L), PCE was reportedly detected in two boring locations at up to 1.2 ug/L, and petroleum hydrocarbons were detected in one boring at a depth of 15 feet bgs at a concentration of 186 ug/L, all above standards. The soil investigation indicated additional lead impacts, TPH in one sample at a depth of 15 feet bgs and organochlorine pesticides in one sample at a depth of one foot; VOCs and PCBs were reportedly not detected in any of the samples analyzed. Based on the results of this 2006 investigation, the Los Angeles County Fire Department (LACFD) Health Hazardous Materials

Division (HHMD) issued a letter requiring a soil remediation workplan prior to site cleanup activities.

Soil excavation activities at the site were conducted between October 2007 and January 2008, under the oversight of LACFD HHMD. A total of 750 cubic yards of soil was reportedly excavated to depths ranging from 1.5 to 12.5 feet bgs, with an additional 150 cubic yards of soils excavated at depths ranging from 3.5 feet to 12.5 feet bgs between May and June 2008, where samples had previously exceeded the residential lead level. According to the Hazardous Waste Tracking System (HWTS) online database, approximately 955.98 tons of lead impacted soils and 458.83 tons of total petroleum hydrocarbon (TPH) impacted soils from the site cleanup were removed from the subject property between 2007 and 2008.

Based on the results of these investigations and excavation activities completed, the lead-impacted soils from the historical onsite operations appear to have been properly addressed and removed from the subject property for offsite disposal; however, groundwater throughout the site does not appear to have been adequately investigated. As such, and given the historical use of the site, in conjunction with the elevated concentrations reported in the results of the 2006 soil gas sampling and shallow depth to groundwater, the subject property's unknown groundwater conditions resulting from the historical onsite operations, are considered to be a REC.

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

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

A *historical recognized environmental condition (HREC)* refers to a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls.

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

An *environmental issue* refers to environmental concerns identified by Partner, which do not qualify as RECs; however, warrant further discussion.

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

Conclusions, Opinions and Recommendations

Partner has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 of 319-327 North Harbor Boulevard in San Pedro, Los Angeles County, California (the "subject property"). Any exceptions to, or deletions from, this practice are described in Section 1.5 of this report.

This assessment has revealed evidence of a REC in connection with the subject property. Based on the conclusions of this assessment, Partner recommends the following:

- A subsurface investigation should be conducted in order to determine the presence or absence of groundwater contamination due to the historical use of the subject property.
- Since future construction plans will likely involve significant excavation of soils and may require dewatering activities, care should be taken during redevelopment. Any subsurface improvements and/or contaminated media encountered during redevelopment activities should be removed and properly disposed in accordance with applicable regulations.

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1.0 INTRODUCTION

Partner Engineering and Science, Inc. (Partner) has performed a Phase I Environmental Site Assessment (ESA) in conformance with the scope and limitations of ASTM Standard Practice E1527-13 and the Environmental Protection Agency Standards and Practices for All Appropriate Inquiries (AAI) (40 CFR Part 312) for the property located at 319-327 North Harbor Boulevard in San Pedro, Los Angeles County, California (the "subject property"). Any exceptions to, or deletions from, this scope of work are described in the report.

1.1 Purpose

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

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

1.2 Scope of Work

The scope of work for this ESA is in accordance with the requirements of ASTM Standard E1527-13. This assessment included: 1) a property and adjacent site reconnaissance; 2) interviews with key personnel; 3) a review of historical sources; 4) a review of regulatory agency records; and 5) a review of a regulatory database report provided by a third-party vendor. Partner contacted local agencies, such as environmental health departments, fire departments and building departments in order to determine any current and/or former hazardous substances usage, storage and/or releases of hazardous substances on the subject property.

Additionally, Partner researched information on the presence of activity and use limitations (AULs) at these agencies. As defined by ASTM E1527-13, AULs are the legal or physical restrictions or limitations on the use of, or access to, a site or facility: 1) to reduce or eliminate potential exposure to hazardous substances or petroleum products in the soil or groundwater on the subject property; or 2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment. These legal or physical restrictions, which may include institutional and/or engineering controls (IC/ECs), are intended to prevent adverse impacts to individuals or populations that may be exposed to hazardous substances and petroleum products in the soil or groundwater on the property.

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

1.3 Limitations

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

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

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

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

1.4 User Reliance

Ultra Systems Environmental engaged Partner to perform this assessment in accordance with an agreement governing the nature, scope and purpose of the work as well as other matters critical to the engagement. All reports, both verbal and written, are for the sole use and benefit of Ultra Systems Environmental . Either verbally or in writing, third parties may come into possession of this report or all or part of the information generated as a result of this work. In the absence of a written agreement with Partner granting such rights, no third parties shall have rights of recourse or recovery whatsoever under any course of action against Partner, its officers, employees, vendors, successors or assigns. Any such unauthorized user shall be responsible to protect, indemnify and hold Partner, Client and their respective officers, employees, vendors, successors and assigns harmless from any and all claims, damages, losses, liabilities, expenses (including reasonable attorneys' fees) and costs attributable to such Use. Unauthorized use of this report shall constitute acceptance of and commitment to these responsibilities, which shall be irrevocable and shall apply regardless of the cause of action or legal theory pled or asserted. Additional legal penalties may apply.

1.5 Limiting Conditions

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

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

- Interviews with past owners, operators and occupants were not reasonably ascertainable and thus constitute a data gap. Based on information obtained from other historical sources (as discussed in Section 3.0), this data gap is not expected to alter the findings of this assessment.
- Partner requested information relative to deed restrictions and environmental liens, a title search, and completion of the AAI User Questionnaire from the Report User. This information was not provided at the time of the assessment. Based on information obtained from other historical sources, this data gap is not expected to alter the findings of this assessment.
- Partner was not able to document the historical use of the subject property prior to 1888. The following sources were reviewed during the course of this assessment and found to be limited: aerial photographs were not available prior to 1928; city directories were not available prior to 1950; topographic maps prior to 1896 were not reasonably ascertainable from local agencies; and other historical sources such as fire insurance maps were not available prior to 1888. This data failure is not considered critical and does not change the conclusions of this report, as the 1888 Sanborn Map revealed the subject property to be undeveloped. In addition, the adjacent and surrounding areas are also shown mostly as undeveloped.
- Partner was unable to determine the property use at 5-year intervals, which constitutes a data gap. Except for property tax files and recorded land title records, which were not considered to be sufficiently useful, Partner reviewed all standard historical sources and conducted appropriate interviews. Based on information obtained from other historical sources, this data gap is not expected to alter the findings of this assessment.

The Client has requested the report despite the above-listed limitations.

2.0 SITE DESCRIPTION

2.1 Site Location and Legal Description

The subject property at 319-327 North Harbor Boulevard in San Pedro, California is located on the west side of North Harbor Boulevard and the south side of West O Farrell Street. According to the Los Angeles County Assessor and online research, the subject property is legally described as *LANDS OF THE PACIFIC COAST STEAMSHIP CO AT SAN PEDRO N 61 FT EX OF ST OF LOT 5 BLK 4; and LANDS OF THE PACIFIC STEAM SHIP CO AT SAN PEDRO EX OF ST LOT 6 BLK 4*, and ownership is currently vested in Red Curb Investments since 2012.

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

2.2 Current Property Use

The subject property currently consists of an unoccupied, vacant parcel with no improvements, tenants, or onsite operations.

The subject property is designated for community commercial development by the City of Los Angeles.

The subject property was identified as a Resource Conservation and Recovery Act Small Quantity Generator (RCRA-SQG), Facility Index System (FINDS), Enforcement and Compliance and History Online (ECHO), Facility and Manifest Data (HAZNET), LA County Site Mitigation, and Hazardous Waste Tracking System (HWTS) site in the regulatory database report, as further discussed in Section 4.2.

2.3 Current Use of Adjacent Properties

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

Immediately Surrounding Properties	
North:	West O Farrell Street beyond which is Cole Vocational Services of San Pedro (407 North Harbor Boulevard); northwest is an unknown commercial building (407 North Beacon Street)
South:	Creative Aquatic & Pet Supply (305 North Harbor Boulevard)
East:	North Harbor Boulevard beyond which is a railroad and San Pedro Cruise Ship Promenade (100 Swinford Street)
West:	North Beacon Street beyond which is Industrial and Marine Supplies (319 and 345 North Beacon Street)

The adjacent property to the west was identified as an Underground Storage Tank (UST), Statewide Environmental Evaluation and Planning System UST (SWEEPS UST), Historical UST, and Facility Inventory Database UST (FID UST) site in the regulatory database report of Section 4.2.

2.4 Physical Setting Sources

2.4.1 Topography

The United States Geological Survey (USGS) *San Pedro, California* Quadrangle 7.5-minute series topographic map was reviewed for this ESA. According to the contour lines on the topographic map, the subject property is located at approximately 60 feet above mean sea level (MSL). The contour lines in the area of the subject property indicate the area is sloping gently toward the east. The subject property is depicted on the 2012 map as situated within a developed area in which only structures typically associated with institutional, religious, and large commercial/industrial facilities are portrayed.

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

2.4.2 Hydrology

According to topographic map interpretation, the direction of groundwater flow in the vicinity of the subject property is inferred to be toward the east. The nearest surface water in the vicinity of the subject property is the Pacific Ocean located approximately 0.24 mile east of the subject property. No settling ponds, lagoons, surface impoundments, wetlands or natural catch basins were observed at the subject property during this assessment.

According to available information, a public water system operated by the Los Angeles Department of Water and Power (LADWP) serves the subject property vicinity. The sources of public water for the City of San Pedro are surface waters from the State Water Project (including 22 dams and reservoirs), Colorado River, Owens River, Mono Lake Basin, and approximately 30-percent comes from groundwater sources.

According to a preliminary soil investigation conducted on the subject property in 2017 and topographic map interpretation, the depth to groundwater in the vicinity of the subject property was encountered in test borings between 19 to 20 feet bgs and groundwater flow is inferred to be toward the east.

2.4.3 Geology/Soils

The subject property is located in the Coastal Plain of Los Angeles County in the northwestern corner of the Peninsular Range Geomorphic province. The subject property is underlain by Quaternary alluvium consisting of sediments comprised of gravel-sand-silt and clay (Recent Alluvium). The Recent Alluvium is underlain by marine sedimentary rocks of upper Pleistocene geologic age. The upper Pleistocene deposits are underlain by the San Pedro Formation.

According to the United States Department of Agriculture (USDA) Soil Conservation Service, Report and General Soil Map, Los Angeles County, the near surface soil association underlying the subject property belongs to the Hanford association. The soils of this association occur on gently sloping alluvial fans between elevations from near sea level to 3,500 feet. Natural vegetation consists mainly of annual grasses and forbs and occasionally junipers. Hanford soils are over 60 inches deep, are well drained, and have moderately rapid subsoil permeability. They have pale-brown coarse sandy loam surface layers about 8 inches thick underlain by light yellowish-brown coarse sandy loam and gravelly loamy coarse sand substratum. Typically. these soils are slightly acid to mildly alkaline throughout but occasionally are calcareous in the lower part.

2.4.4 Flood Zone Information

Partner performed a review of the Flood Insurance Rate Map, published by the Federal Emergency Management Agency. According to Community Panel Number 06037C2032F, dated September 26, 2008, the subject property appears to be located in Zone X, areas determined to be outside the 0.2% chance annual floodplain.

3.0 HISTORICAL INFORMATION

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

Historical Use Information		
Period/Date	**Source**	**Description/Use**
1888-1908	Topographic Map, Sanborn Maps	Undeveloped
1921	Sanborn Maps	Developed with a small garage
1923-2007	Topographic Maps, Sanborn Maps, Aerial Photographs, Building Records, City Directories	Developed commercially, including a machine shop, auto repair facility and a battery manufacturer
2007-Present	Aerial Photographs, Building Records, Topographic Map, City Directories, Onsite Observations	Vacant land

According to available historical sources, the subject property was formerly undeveloped as early as 1888, was developed with a small garage structure in 1921, was developed commercially between 1923 and circa 2007 and was a vacant lot from 2007 to present. Tenants on the subject property appear to have included a machine shop (1925-1938), Marine Copper Works (1943), an auto repair facility (1959-circa 1969) and Arco Battery Manufacturing Co (1950-2007). Of note, city directories list Arco Battery Manufacturing Co. through 2014, building records show that the structures were demolished in 2007 and the site has been a vacant lot since that time.

Potential environmental concerns were identified in association with the former use of the subject property, as further discussed in Section 4.2.2.

3.1 Aerial Photograph Review

Partner obtained available aerial photographs of the subject property and surrounding area from Environmental Data Resources (EDR). The following was observed on the subject property and adjacent properties during the aerial photograph review:

Date: 1928		***Scale: 1"=500'***
Subject Property:	Appears to be developed with two commercial buildings	
North:	Appears to be vacant land to the north and northwest across West O Farrell Street	
South:	Appears to be commercially developed	
East:	Appears to be residential development to the northeast and vacant land to the east and southeast across North Harbor Boulevard	
West:	Appears to be vacant land across North Beacon Street	

Date: 1947		***Scale: 1"=500'***
Subject Property:	No significant changes visible	
North:	No significant changes visible	
South:	No significant changes visible	
East:	Appears to be commercial development to the east across North Harbor Boulevard; no other significant changes are visible	
West:	Appears to be vacant land to the west and commercial to the southwest across North Beacon Street	

Date: 1952		***Scale: 1"=500'***
Subject Property:	No significant changes visible	
North:	No significant changes visible	
South:	No significant changes visible	
East:	Appears to be developed with two unknown structures to the east across North Harbor Boulevard; no other significant changes are visible	
West:	No significant changes visible	

Date: 1963		***Scale: 1"=500'***
Subject Property:	Appears to be developed with three commercial structures in the central and northern portions of the site	
North:	Appears to be commercially developed to the north and northwest across West O Farrell Street	
South:	No significant changes visible	
East:	Appears to be developed with a railroad across Harbor Boulevard, beyond which is a large commercial parking lot to the east, northeast, and southeast associated with a ship terminal	
West:	No significant changes visible	

Date: 1972		***Scale: 1"=500'***
Subject Property:	No significant changes visible	
North:	No significant changes visible	
South:	Appears to be vacant land	
East:	No significant changes visible	
West:	Appears to be vacant land to the west and southwest across North Beacon Street; prior structures appear to have been demolished	

Date: 1979		***Scale: 1"=500'***
Subject Property:	Appears to be developed with two commercial structures in the northern and central portions of the site.	
North:	No significant changes visible	
South:	No significant changes visible	
East:	No significant changes visible	
West:	No significant changes visible	

Date: 1981		***Scale: 1"=500'***
Subject Property:	No significant changes visible	
North:	No significant changes visible	
South:	Appears to be developed with a parking lot	
East:	No significant changes visible	
West:	Appears to be commercially developed to the west and southwest across North Beacon Street	

Date: 1989		***Scale: 1"=500'***
Subject Property:	No significant changes visible	
North:	Appears to be vacant land with a small structure to the northwest across West O Farrell Street; no other significant changes are visible	

Date:	***1989***	***Scale:***	***1"=500'***
South:	No significant changes visible		
East:	No significant changes visible		
West:	Appears to be developed with two commercial buildings to the west and southwest across North Beacon Street		

Date:	***1994***	***Scale:***	***1"=500'***
Subject Property:	No significant changes visible		
North:	Appears to be developed as a commercial parking lot to the northwest across West O Farrell Street; no other significant changes are visible		
South:	No significant changes visible		
East:	No significant changes visible		
West:	No significant changes visible		

Date:	***2002, 2005***	***Scale:***	***1"=500'***
Subject Property:	No significant changes visible		
North:	No significant changes visible		
South:	No significant changes visible		
East:	No significant changes visible		
West:	No significant changes visible		

Date:	***2009***	***Scale:***	***1"=500'***
Subject Property:	Appears to be vacant lot; all former structures appear to have been demolished		
North:	No significant changes visible		
South:	No significant changes visible		
East:	No significant changes visible		
West:	No significant changes visible		

Date:	***2012, 2016***	***Scale:***	***1"=500'***
Subject Property:	No significant changes visible		
North:	No significant changes visible		
South:	No significant changes visible		
East:	No significant changes visible		
West:	No significant changes visible		

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

3.2 Fire Insurance Maps

Partner reviewed the collection of Sanborn Fire insurance maps from EDR. The following was observed on the subject property and adjacent properties during the fire insurance map review:

Date:	***1888, 1891, 1902, 1908***
Subject Property:	Depicted as undeveloped
North:	Depicted as undeveloped
South:	Depicted as undeveloped
East:	Depicted as undeveloped
West:	Depicted as undeveloped

Date: 1921	
Subject Property:	Depicted with a small garage structure in the southwestern portion of the site
North:	Depicted as vacant land across East O Farrell Street
South:	Depicted as lodgings
East:	Depicted as residential and with a small store across North Harbor Boulevard
West:	Depicted as residential across North Beacon Street

Date: 1950	
Subject Property:	Depicted as developed with a commercial building in the central-eastern portion of the site, occupied by a battery manufacturer (327 North Harbor Boulevard)
North:	No significant changes depicted
South:	No significant changes depicted
East:	Depicted as vacant land to the east and residential to the northeast across North Harbor Boulevard
West:	Depicted as vacant land to the west and developed with a marine supply warehouse to the southwest across North Beacon Street

Date: 1969	
Subject Property:	Depicted as developed with an additional commercial building in the northern-central portion of the site, occupied by an auto repair facility (335-341 North Harbor Boulevard)
North:	Depicted as developed with a single-story commercial building, occupied by the Department of Motor Vehicles to the north and a lumber storage yard northwest across East O Farrell Street
South:	No significant changes noted
East:	Depicted as developed with the Belt Line Railroad across North Harbor Boulevard
West:	Depicted as vacant land to the west and southwest across North Beacon Street

Copies of reviewed Sanborn Maps are included in Appendix B of this report.

3.3 City Directories

Partner reviewed historical city directories obtained from EDR for past names and businesses that were listed for the subject property and adjacent properties. The findings are presented in the following table:

City Directory Search for 319-347 North Harbor Boulevard and 316-346 North Beacon Street (Subject Property)

Year(s)	Occupant Listed
1950	Arco Battery Mfg Co Inc (327 North Harbor Boulevard)
1954	Arco Battery Mfg Co Inc (327 North Harbor Boulevard)
1975	Arco Battery Mfg Co Inc (327 North Harbor Boulevard)
1985	Arco Battery Mfg Co Inc (327 North Harbor Boulevard)
1990	Arco Battery Mfg Co Inc (327 North Harbor Boulevard)
1994	Arco Battery Mfg Co Inc, GTR Incorporated (327 North Harbor Boulevard)
1995	Arco Battery Mfg Co Inc (327 North Harbor Boulevard)
1999	Arco Battery Mfg Co Inc, GTR Incorporated (327 North Harbor Boulevard)
2001	Arco Battery Mfg Co Inc (327 North Harbor Boulevard)
2004	Arco Battery Mfg Co Inc (327 North Harbor Boulevard)
2014	Arco Battery Mfg Co Inc (327 North Harbor Boulevard)

According to the city directory review, the subject property has been occupied by a battery manufacturer from as early as 1950 to 2014. This facility is identified on the regulatory database and is further discussed in Section 4.2.2.

City Directory Search for Adjacent Properties	
Year(s)	**Occupant Listed**
1924	Multiple residents (311 North Harbor Boulevard)
1929	Cottage Grocery (402 North Harbor Boulevard)
1935	Bob Myers Grocery (402 North Harbor Boulevard)
1950	Del Mar Café (305 North Harbor Boulevard), Mason Hotel (311 North Harbor Boulevard)
1954	Mason Hotel (311 North Harbor Boulevard)
1957	Mason Hotel (311 North Harbor Boulevard)
1960	Mason Hotel (311 North Harbor Boulevard)
1964	Mason Hotel (311 North Harbor Boulevard)
1970	John Goerlitz, E-Z Driving School (110 West O Farrell Street)
1975	California Department of Motor Vehicles (407 North Harbor Boulevard), John Goerlitz, E-Z Driving School (110 West O Farrell Street), Postal Instant Press (307 North Harbor Boulevard)
1980	California Department of Motor Vehicles (407 North Harbor Boulevard), John Goerlitz, E-Z Driving School (110 West O Farrell Street)
1981	Marine Hardware Co (345 North Beacon Street)
1985	Little Fisherman (407 North Harbor Boulevard), John Goerlitz, E-Z Driving School (110 West O Farrell Street), The Sea-A Museum Like Shop (305 North Harbor Boulevard), Marine Hardware Co (345 North Beacon Street)
1986	Marine Hardware Co (345 North Beacon Street)
1990	Little Fisherman (407 North Harbor Boulevard), John Goerlitz, E-Z Driving School (110 West O Farrell Street), The Sea-A Museum Like Shop (305 North Harbor Boulevard), Marine Hardware Co (345 North Beacon Street), Marine Hardware Co (345 North Beacon Street)
1991	Marine Hardware Co (345 North Beacon Street)
1994	Little Fisherman (407 North Harbor Boulevard), The Sea-A Museum Like Shop (305 North Harbor Boulevard), Marine Hardware Co (345 North Beacon Street)
1995	The Sea-A Museum Like Shop (305 North Harbor Boulevard), Marine Hardware Co (345 North Beacon Street)
1999	Little Fisherman No 2 (407 North Harbor Boulevard), The Sea-A Museum Like Shop (305 North Harbor Boulevard), George Rodrigo (323 North Beacon Street), Marine Hardware Co (345 North Beacon Street)
2001	Michel Datey (407 North Harbor Boulevard), Pohina Inc (305 North Harbor Boulevard), Marine Hardware Co (345 North Beacon Street)
2004	Michel Trutanich Atty LLP, Carmen Trutanic (407 North Harbor Boulevard), Aquarium Gourmet, Talbot Productions, Creative Aquatic & Pet Supplies (305 North Harbor Boulevard), Trainers Janitorial & Carpet Service (319 North Beacon Street), George Rodrigo (323 North Beacon Street)
2009	Bob Talbot Photography (305 North Harbor Boulevard), George Rodrigo (323 North Beacon Street) Marine Hardware Co, Icon International Inc (345 North Beacon Street)
2014	Port Medical (407 North Harbor Boulevard), Marine Hardware Co, Icon International Inc (345 North Beacon Street)

Based on the city directory review, no environmentally sensitive listings were identified for the adjacent property addresses.

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

3.4 Historical Topographic Maps

Partner reviewed historical topographic maps obtained from EDR. The following was observed on the subject property and adjacent properties during the topographic map review:

Date: 1896	
Subject Property:	Depicted as undeveloped
North:	Depicted as undeveloped
South:	Depicted as undeveloped
East:	Depicted as undeveloped
West:	Depicted as undeveloped

Date: 1923	
Subject Property:	Depicted as vacant land
North:	Depicted as vacant land
South:	Depicted with a commercial structure
East:	Depicted with a commercial structure across North Harbor Boulevard
West:	Depicted as vacant land

Date: 1925	
Subject Property:	No significant changes depicted
North:	No significant changes depicted
South:	No significant changes depicted
East:	No significant changes depicted
West:	No significant changes depicted

Date: 1944	
Subject Property:	Depicted in a shade to indicate heavy urban development; Site improvements are not depicted
North:	Depicted in a shade to indicate heavy urban development; Site improvements are not depicted
South:	Depicted in a shade to indicate heavy urban development; Site improvements are not depicted
East:	Depicted in a shade to indicate heavy urban development; Site improvements are not depicted
West:	Depicted in a shade to indicate heavy urban development; Site improvements are not depicted

Date: 1946, 1948, 1951	
Subject Property:	No significant changes depicted
North:	No significant changes depicted
South:	No significant changes depicted
East:	No significant changes depicted
West:	No significant changes depicted

Date: 1964	
Subject Property:	No significant changes depicted
North:	Depicted with a small, unknown structure across West O Farrell Street
South:	No significant changes depicted
East:	No significant changes depicted
West:	No significant changes depicted

Date: 1972, 1981	
Subject Property:	No significant changes depicted
North:	No significant changes depicted
South:	No significant changes depicted
East:	No significant changes depicted
West:	No significant changes depicted

Date: 2012	
Subject Property:	No details or structures are depicted with the exception of roads
North:	No details or structures are depicted with the exception of roads
South:	No details or structures are depicted with the exception of roads
East:	No details or structures are depicted with the exception of roads
West:	No details or structures are depicted with the exception of roads

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

4.0 REGULATORY RECORDS REVIEW

4.1 Regulatory Agencies

4.1.1 State Department

Regulatory Agency Data	
Name of Agency:	California Environmental Protection Agency (CalEPA)
Point of Contact:	https://siteportal.calepa.ca.gov/
Agency Address:	1001 I Street, Sacramento, California 95814
Agency Phone Number:	(916) 323-2514
Date of Contact:	February 26, 2021
Method of Communication:	Online
Summary of Communication:	No records regarding hazardous substance use, storage or releases, or the presence of USTs and AULs on the subject property were on file with the CalEPA.

4.1.2 Health Department

Regulatory Agency Data	
Name of Agency:	Los Angeles County Fire Department Health Hazardous Materials Division (LACFDHHMD)
Point of Contact:	https://www.fire.lacounty.gov/hhmd/public-records-requests/
Agency Address:	5825 Rickenbacker Road, Commerce, California 90040
Agency Phone Number:	(323) 890-4045
Date of Contact:	February 12, 2021
Method of Communication:	Online
Summary of Communication:	No records regarding hazardous substance use, storage or releases, or the presence of USTs and AULs on the subject property were on file with the LACFDHHMD.

4.1.3 Fire Department

Regulatory Agency Data	
Name of Agency:	Los Angeles Fire Department (LAFD)
Point of Contact:	https://lacity.nextrequest.com/
Agency Address:	200 North Main Street, 16th Floor Los Angeles, CA 90012
Agency Phone Number:	(213) 978-3800
Date of Contact:	February 12, 2021
Method of Communication:	Online
Summary of Communication:	No records regarding hazardous substance use, storage or releases, or the presence of USTs and AULs on the subject property were on file with the LAFD.

4.1.4 Air Pollution Control Agency

Regulatory Agency Data	
Name of Agency:	Air Quality Management District (AQMD)
Point of Contact:	Online (https://www.aqmd.gov)
Agency Address:	21865 Copley Drive, Diamond Bar, California 91765
Agency Phone Number:	(909)396-2000
Date of Contact:	February 26, 2021
Method of Communication:	Online
Summary of Communication:	According to records reviewed, the subject property, identified as Arco Battery Manufacturing Company at 327 North Harbor Boulevard was granted the following permits on August 17, 1956: Permit number 24542 for the operation of a 500-pound capacity lead melting crucible furnace; permit number 24543 for the operation of a 1500-pound capacity lead melting crucible furnace; permit number 24544 for the operation of a battery group burning table; and permit number 24545 for the operation of a 1/3 horse power local exhaust system, with a canopy hood, serving two lead melting crucible furnaces and a downdraft hood, serving a battery group burning table, venting directly to the atmosphere. No Notices of Violation (NOV), or Notices to Comply (NTC) or the presence of AULs, dry cleaning machines, or USTs were on file for the subject property with the AQMD.

Copies of pertinent documents are included in Appendix B of this report.

4.1.5 Regional Water Quality Agency

Regulatory Agency Data	
Name of Agency:	State Water Resources Control Board (SWRCB)
Point of Contact:	Online (Geotracker.waterboards.ca.gov)
Agency Address:	1001 I Street, Sacramento, California 95814
Agency Phone Number:	(866) 480-1028
Date of Contact:	February 26, 2021
Method of Communication:	Online
Summary of Communication:	No records regarding hazardous substance use, storage or releases, or the presence of USTs and AULs on the subject property were on file with the RWQCB.

4.1.6 Department of Toxic Substances Control

Regulatory Agency Data	
Name of Agency:	California Department of Toxic Substances Control (DTSC) and Hazardous Waste Tracking System (HWTS)
Point of Contact:	https://dtsc.ca.gov and https://hwts.dtsc.ca.gov/
Agency Address:	5796 Corporate Avenue, Cypress, California 90630
Agency Phone Number:	(714) 484-5300
Date of Contact:	February 26, 2021
Method of Communication:	Online
Summary of Communication:	According to records reviewed, the subject property, identified as Arco Battery at 327 North Harbor Boulevard, was listed on the HWTS under inactive ID number CAD009525692 with no records found between 1982 and 2007. The subject property, identified as Arco Battery Co at 327 North Harbor Boulevard, was listed on the HWTS under inactive ID number CAL000037938 with no records found in 1990. The subject property, identified as 1X Arco Battery at 327 North Harbor Boulevard, was listed on the HWTS under inactive ID number CAC000625160 with no records found between 1991 and 2000. The subject property, identified as 327 N Harbor Blvd LLC, at 327 North Harbor Boulevard, was listed on the HWTS under inactive ID number CAC002623940 in connection with the disposal of 955.98 tons of lead impacted soils and 458.83 tons of TPH impacted soils from a site cleanup. According to manifests from the HWTS, the soils were transported to Clean Harbors Buttonwillow LLC in Buttonwillow, California for disposal. Please refer to Section 5.2.6. for further discussion regarding these disposal activities. No records regarding hazardous substance use, storage or releases, or the presence of USTs and AULs on the subject property were on file with the DTSC.

Copies of pertinent documents are included in Appendix B of this report.

4.1.7 Building Department

Regulatory Agency Data	
Name of Agency:	Los Angeles Building Department (LABD)
Point of Contact:	https://www.ladbs.org
Agency Address:	201 N. Figueroa Street, Los Angeles, California 90012
Agency Phone Number:	(213) 473-3231
Date of Contact:	February 26, 2021
Method of Communication:	Online
Summary of Communication:	Records were available for review, as further discussed in the following table:

Building Records Reviewed for 319-327 North Harbor Boulevard (Subject Property		
Year(s)	**Owner/Applicant**	**Description**
1923	Pacific Ready Cut Homes Inc.	New building for emergency station (319 North Harbor Boulevard)
1925	Not legible	New building permit for a machine shop (327 North Harbor Boulevard)
1938	Joe Preigel	Permit to install concrete foundation at machine shop (327 North Harbor Boulevard)
1943	Marine Copper Works	Permit for restroom (337 North Harbor Boulevard)
1955	Arco Battery Co	Sign permit for battery shop (327 North Harbor Boulevard)
1956	Arco Battery Manufacturing Co	New building permit for supply storage (327 North Harbor Boulevard)
1957	Not recorded	Certificate of Occupancy for new storage building (327 North Harbor Boulevard)
1959	Arco Battery	Permit to change use of building from a warehouse to an auto repair (327 North Harbor Boulevard)
1960	Reinholt Ruhl	Certificate of Occupancy for addition to auto repair garage (327 North Harbor Boulevard)
1963	Reinholt Ruhl	Building permit for addition to battery shop (325-31 North Harbor Boulevard)
1963	Reinholt Ruhl	Certificate of Occupancy for addition to battery shop (325-31 North Harbor Boulevard)
1966	Arco Battery	Sign Permit (327 North Harbor Boulevard)
2007	327 Harbor Blvd LLC	Permit to demo existing metal retail building and clear site (327 North Harbor Boulevard)
2007	327 Harbor Blvd LLC	Permit to demo existing metal storage building and clear site (327 North Harbor Boulevard)
2010	327 Harbor Blvd LLC	Land use for pumpkin patch (327 North Harbor Boulevard)
2010	327 Harbor Blvd LLC	Land use for Christmas tree sales (327 North Harbor Boulevard)
2013	327 Harbor Blvd LLC	Land use for Christmas tree sales (327 North Harbor Boulevard)

Copies of pertinent documents are included in Appendix B of this report.

4.1.8 Planning Department

Regulatory Agency Data	
Name of Agency:	City of Los Angeles Department of City Planning (LADCP)
Point of Contact:	http://zimas.lacity.org/
Agency Address:	320 West Temple Street, Los Angeles, California 90012
Agency Phone Number:	(213) 974-6411
Date of Contact:	February 12, 2021
Method of Communication:	Online
Summary of Communication:	According to records reviewed, the subject property is zoned C2-D2-CPIO for community commercial development by the City of Los Angeles.

4.1.9 Oil & Gas Exploration

Regulatory Agency Data	
Name of Agency:	California Department of Conservation (DOC) Geologic Energy Management Division (CalGEM)
Point of Contact:	https://www.conservation.ca.gov/calgem/Pages/WellFinder.aspx
Agency Address:	5816 Corporate Avenue, Cypress, California 92630
Agency Phone Number:	(714) 816-6847
Date of Contact:	February 26, 2021
Method of Communication:	Well Finder Online Database
Summary of Communication:	According to CalGEM, no oil or gas wells are located on or adjacent to the subject property.

4.1.10 Assessor's Office

Regulatory Agency Data	
Name of Agency:	Los Angeles County Assessor (LACA)
Point of Contact:	Online (https://portal.assessor.lacounty.gov)
Agency Address:	500 West Temple Street, Room 180, Los Angeles, California 90012
Agency Phone Number:	(213) 974-3108
Date of Contact:	February 12, 2021
Method of Communication:	Online
Summary of Communication:	According to records reviewed, the subject property is identified by Assessor Parcel Number (APN) 7449-014-013 and 7449-014-014 and is currently owned by Red Curb Investments since 2012. The subject property is currently vacant land on a 0.56 acre lot.

Copies of pertinent documents are included in Appendix B of this report.

4.1.11 Los Angeles City Sanitation

Regulatory Agency Data	
Name of Agency:	Los Angeles City Sanitation (LACS)
Point of Contact:	San.IWMD@lacity.org
Agency Address:	2714 Media Center Drive, Los Angeles, California 90065
Agency Phone Number:	(323) 342-6062
Date of Contact:	February 17, 2021
Method of Communication:	Email
Summary of Communication:	No records regarding hazardous substance use, storage or releases, or the presence of USTs and AULs on the subject property were on file with the LACS.

4.1.12 County Sanitation Districts of Los Angeles County

Regulatory Agency Data	
Name of Agency:	County Sanitation Districts of Los Angeles County (CSDLAC)
Point of Contact:	records_administrator@lacsd.org
Agency Address:	P.O. Box 4998, Whittier, California 90607
Agency Phone Number:	(562) 6995422

Regulatory Agency Data	
Date of Contact:	February 17, 2021
Method of Communication:	Email
Summary of Communication:	No records regarding hazardous substance use, storage or releases, or the presence of USTs and AULs on the subject property were on file with the CSDLAC.

4.1.13 Los Angeles County Department of Public Works

Regulatory Agency Data	
Name of Agency:	Los Angeles County Department of Public Works (LACDPW)
Point of Contact:	https://dpw.lacounty.gov/epd/CleanLA/OpenFileReview.aspx
Agency Address:	900 South Fremont Avenue, Annex Building 3rd Floor, Alhambra, California 91803
Agency Phone Number:	(626) 458-3517
Date of Contact:	February 1, 2021
Method of Communication:	Online
Summary of Communication:	No records regarding hazardous substance use, storage or releases, or the presence of USTs and AULs on the subject property were on file with the LACDPW.

4.2 Mapped Database Records Search

Information from standard federal, state, county, and city environmental record sources was provided by EDR. Data from governmental agency lists are updated and integrated into one database, which is updated as these data are released. The information contained in this report was compiled from publicly available sources and the locations of the sites are plotted utilizing a geographic information system, which geocodes the site addresses. The accuracy of the geocoded locations is approximately +/-300 feet.

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

4.2.1 Regulatory Database Summary

Radius Report Data				
Database	**Search Radius (mile)**	**Subject Property**	**Adjacent Properties**	**Sites of Concern**
Federal NPL or Delisted NPL Site	1.00	N	N	N
Federal CERCLIS Site	0.50	N	N	N
Federal CERCLIS-NFRAP Site	0.50	N	N	N
Federal RCRA CORRACTS Facility	1.00	N	N	N
Federal RCRA TSDF Facility	0.50	N	N	N
Federal RCRA Generators Site (LQG, SQG, CESQG)	0.25	**Y**	N	N
Federal IC/EC Registries	0.50	N	N	N
Federal ERNS Site	Subject Property	N	N	N
State/Tribal Equivalent NPL	1.00	N	N	N

Radius Report Data				
Database	**Search Radius (mile)**	**Subject Property**	**Adjacent Properties**	**Sites of Concern**
State/Tribal Equivalent CERCLIS	1.00	N	N	N
State/Tribal Landfill/Solid Waste Disposal Site	0.50	N	N	N
State/Tribal Leaking Storage Tank Site	0.50	N	N	N
State/Tribal Registered Storage Tank Sites (UST/AST)	0.25	N	**Y**	N
State/Tribal Voluntary Cleanup Sites (VCP)	0.50	N	N	N
State/Tribal Spills	0.50	N	N	N
Federal Brownfield Sites	0.50	N	N	N
State Brownfield Sites	0.50	N	N	N
FINDS	Subject Property	**Y**	N/A	N/A
ECHO	Subject Property	**Y**	N/A	N/A
HAZNET	Subject Property	**Y**	N/A	N/A
LA Co. Site Mitigation	Subject Property	**Y**	N/A	N/A
HWTS	Subject Property	**Y**	N/A	N/A
EDR MGP	Varies	N	N	N
EDR US Hist Auto Station	Varies	N	N	N
EDR US Hist Cleaners	Varies	N	N	N

4.2.2 Subject Property Listings

The subject property is identified as a FINDS, ECHO, LA Co. Site Mitigation, and HWTS site in the regulatory database report, as discussed below:

- Former Arco Battery Mfg Co, Arco Battery Co, and 1xArco Battery at 319-327 North Harbor Boulevard, was identified as a handler/small quantity generator of hazardous wastes in 1996 with no wastes reported. The facility was identified on the HWTS under inactive ID number CAD009525692 with no records found between 1982 and 2007. The site was also listed on the HWTS under inactive ID CAL000037938 with no records found in 1990 and listed under inactive ID number CAC000625160 with no records found between 1991 and 2000. In addition, the subject property was identified as a cleanup site and reportedly abated January 27, 1995 and July 17, 2008. According to online information, the subject property, identified as 327 N Harbor Blvd LLC, was listed on the HWTS under inactive ID number CAC002623940 in connection with the disposal of 955.98 tons of lead impacted soils and 458.83 tons of total petroleum hydrocarbon (TPH) impacted soils from a site cleanup. According to manifests from the HWTS, the soils were transported to Clean Harbors Buttonwillow LLC in Buttonwillow, California for disposal.

According to previous reports reviewed (reference Section 5.2.6), the subject property has undergone several subsurface investigations since the early 1990s with soil excavation activities conducted between October 2007 and January 2008, under the oversight of LACFD HHMD. A total of 750 cubic yards of soil was reportedly excavated to depths ranging from 1.5 to 12.5 feet bgs, with an additional 150 cubic yards of soils excavated at depths ranging from 3.5 feet to 12.5 feet bgs between May and June 2008 where samples had previously exceeded the residential lead level. According to the Hazardous Waste Tracking System (HWTS) online database, approximately 955.98 tons of lead impacted soils and 458.83 tons of total petroleum hydrocarbon (TPH) impacted soils from the site cleanup were removed from the subject property between 2007 and 2008.

Based on the results of these investigations and excavation activities completed, the lead-impacted soils from the historical onsite operations appear to have been properly addressed and removed from the subject property for offsite disposal; however, groundwater throughout the site does not appear to have been adequately investigated. As such, and given the historical use of the site, in conjunction with the elevated concentrations of PCE reported in the results of the 2006 soil gas sampling and shallow depth to groundwater, the subject property's unknown groundwater conditions resulting from the historical onsite operations are considered to be a REC.

4.2.3 Adjacent Property Listings

The adjacent property to the west is identified as a UST, SWEEPS UST, HIST UST, and FID UST site in the regulatory database report, as discussed below:

- Icon International Inc. and Los Angeles Marine Hardware at 345 North Beacon Street, is located adjacent to the west and situated hydrologically up-gradient of the subject property. This facility was identified with a 5,000-gallon UST which was reportedly installed in 1984 for use with motor vehicle fuel. The most recent UST listing, as well the LOS ANGELES HM listing (industrial waste and underground storage tank sites), identifies the facility as "inactive" as of June 2019. Based on this information, the regulatory oversight, and the absence of a documented release, this site is not expected to represent a significant environmental concern and it is unlikely that a regulatory file review for this site would alter the findings of this assessment.

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

4.2.4 Sites of Concern Listings

No sites of concern are identified in the regulatory database report.

4.2.5 Orphan Listings

No orphan listings of concern are identified in the regulatory database report.

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

5.0 USER PROVIDED INFORMATION AND INTERVIEWS

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

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

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

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

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

5.1 Interviews

5.1.1 Interview with Owner

The owner of the subject property since 2012, identified as Red Curb Investments, was not available to be interviewed at the time of the assessment.

5.1.2 Interview with Report User

Please refer to Section 5.2 below for information requested from the Report User. The information requested was not received prior to the issuance of this report. Because the Report User (Client) is a lender, it is understood that the Report User would not have knowledge of the property that would significantly impact our ability to satisfy the objectives of this assessment. The lack of this information is not considered to represent a significant data gap.

5.1.3 Interview with Key Site Manager

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

5.1.4 Interviews with Past Owners, Operators and Occupants

Interviews with past owners, operators and occupants were not reasonably ascertainable and thus constitute a data gap.

5.1.5 Interview with Others

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

5.2 User Provided Information

5.2.1 Title Records, Environmental Liens, and AULs

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

5.2.2 Specialized Knowledge

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

5.2.3 Actual Knowledge of the User

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

5.2.4 Valuation Reduction for Environmental Issues

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

5.2.5 Commonly Known or Reasonably Ascertainable Information

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

5.2.6 Previous Reports and Other Provided Documentation

The following information was provided to Partner for review during the course of this assessment:

Soil Remediation Report, JHD Services (May 12, 2008)

- JHD Services (JHD) prepared this report on behalf of the Los Angeles County Fire Department Health/Hazardous Materials Division (LACFD HHMD). Pertinent information contained in this report is summarized below:
- At the time of the 2008 report, the site was reported to be approximately 24,500 square feet of vacant land.
- The site was identified as a previously a battery manufacturer.
- Prior site activities reportedly led to the contamination of soils with battery acid and lead.
- In September 1991 approximately 350 cubic yards of soil was excavated from the site. The soil was treated with chemical fixation in April 1992 and reused to fill the excavation pit.
- In January 1995, the LACFD HHMD considered the site to be satisfactorily remediated for its current use. Prohibitions were included for site redevelopment until further remediation was conducted.
- In April 1996, a soil and groundwater investigation was conducted by SECOR. A total of 50 soil samples and 4 groundwater samples were collected. Soluble lead concentrations above the regulatory action level were reportedly limited to within the upper 1 foot, with the exception of two samples; soluble lead was detected at a concentration of 9.7 mg/L at a depth of 15 feet below ground surface (bgs); soluble lead was detected at a concentration of 15mg/L at a depth of 6 feet bgs. The SECOR investigation determined that groundwater had not been impacted.
- In January 2005 JHD conducted subsurface sampling at the north lot of the subject property (327) to determine the vertical and lateral extent of lead-contaminated soils and to assess pH conditions. A total of 64 samples were collected from 15 borings to a maximum depth of 20 feet bgs. Concentrations of lead were reportedly in the range of non-detect to 18,100 mg/kg. Seven of the borings were reported to have a total threshold limit concentration (TTLC) that exceeded 1,000 mg/kg. Four of the samples were at a depth of one foot and three were at a depth greater than one foot. Acidic soil conditions were detected in 6 of the soil samples. None of the acidic soil samples correlated with samples exhibiting a lead concentration greater than 1,000 mg/kg.
- In September 2006 ECORRE conducted a soil gas investigation at the subject property to further characterized and delineate the vertical and lateral extent of lead-contaminated soils previously identified at the site and to assess the presence of other contaminants such as total petroleum hydrocarbons (TPH), polychlorinated biphenyls (PCBs), and organochlorine pesticides.

  Soil gas probes were reportedly installed in 24 borings at depths of 5 feet and 15 feet bgs. In addition, 29 soil samples were collected from 13 of the 24 borings and 6 surficial soil samples were collected using a hand auger at a depth of 1 foot bgs.

  Soil gas investigation results indicated the presence of ethylbenzene and xylenes in one boring location at depths of 5 and 15 feet bgs with concentrations of 0.5 and 3.3 micrograms per liter.

  PCE was reportedly detected in two boring locations at depths of 5 and 15 feet bgs at concentrations up to 1.2 micrograms per liter, and petroleum hydrocarbons were detected in one boring at a depth of 15 feet bgs at a concentration of 186 micrograms per liter.

The soils investigation indicated that 36 of the 49 samples contained detectable concentrations of lead, with 18 of the samples containing lead concentrations in excess of 50 mg/kg.

The 18 samples were reanalyzed for soluble lead and 14 were found to contain concentrations of the limit of 5mg/L. VOCs and PCBs were reportedly not detected in samples analyzed. TPH was detected in one sample at a depth of 15 feet bgs and organochlorine pesticides were detected in one sample at a depth of one foot.

- Based on ECORRE's investigation, the LACFD HHMD issued a letter requiring a soil remediation workplan prior to site cleanup activities.
- Soil excavation activities at the site were conducted between October 2007 and January 2008, under the oversight of LACFD HHMD. A total of 750 cubic yards of soil was reportedly excavated to depths ranging from 1.5 to 12.5 feet bgs. All excavated soils were transported to Clean Harbors Buttonwillow LLC in Buttonwillow, California for disposal.

Addendum to Report, 327 North Harbor Boulevard, San Pedro, CA, JHD Services (June 30, 2008)

- Between May and June 2008, JHD returned to the subject property to further excavate soils where samples exceeded the residential lead level. An additional 150 cubic yards of soil was excavated from the site at depths ranging from 3.5 feet to 12.5 feet bgs.
- A total of 15 samples were collected and analyzed for lead.
- All samples were reportedly within the recommended Residential Lead Level criteria of 150 mg/kg and stockpile samples were found to be below TCLP levels for designation of hazardous waste.

Preliminary Soil Investigation, Proposed Commercial/Residential Building, 327 North Harbor Boulevard, San Pedro, City of Los Angeles, California GSS Engineering, Inc. (May 10, 2017)

- The purpose of this investigation was to obtain the geotechnical properties of the subsurface soils at the site to base conclusions and recommendations for the foundations support and other geotechnical matters for the proposed construction.
- Fill material was encountered at the site between 9 and 10 feet bgs.
- Groundwater was encountered at depths between 19 and 20 feet bgs in test borings.

Copies of pertinent pages reviewed are not included in Appendix B of this report.

6.0 SITE RECONNAISSANCE

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

Site Assessment Data	
Site Assessment Performed By:	Cheryl Manuel
Site Assessment Conducted On:	February 20, 2021

No potential environmental concerns were identified during the onsite reconnaissance.

6.1 General Site Characteristics

6.1.1 Solid Waste Disposal

As the subject property is vacant land, no solid waste is generated on the subject property. Other than minor littering, no evidence of illegal dumping of solid waste was observed during the Partner site reconnaissance.

6.1.2 Sewage Discharge and Disposal

No sanitary discharges occur on the subject property.

6.1.3 Surface Water Drainage

No surface water drainage is present on the subject property. Stormwater accumulation as occurs during rain events would presumably infiltrate the unpaved surfaces of the subject property. The subject property is not connected to a sewer system.

The subject property does not appear to be a designated wetland area, based on information obtained from the United States Fish & Wildlife Service; however, a comprehensive wetlands survey would be required in order to formally determine actual wetlands on the subject property. No surface impoundments, wetlands, natural catch basins, settling ponds, or lagoons are located on the subject property. No drywells were identified on the subject property.

6.1.4 Source of Heating and Cooling

No heating or cooling systems exist on the subject property.

6.1.5 Wells and Cisterns

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

6.1.6 Wastewater

No domestic wastewater is generated on the subject property. No industrial process is currently performed at the subject property.

6.1.7 Septic Systems

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

6.1.8 Additional Site Observations

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

6.2 Potential Environmental Hazards

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

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

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

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

6.2.3 Evidence of Releases

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

6.2.4 Polychlorinated Biphenyls (PCBs)

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

6.2.5 Strong, Pungent or Noxious Odors

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

6.2.6 Pools of Liquid

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

6.2.7 Drains, Sumps and Clarifiers

No drains, sumps, or clarifiers were observed on the subject property during the site reconnaissance.

6.2.8 Pits, Ponds and Lagoons

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

6.2.9 Stressed Vegetation

No stressed vegetation was observed on the subject property.

6.2.10 Additional Potential Environmental Hazards

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

6.3 Non-ASTM Services

6.3.1 Asbestos-Containing Materials (ACMs)

As the subject property is vacant land, ACMs were not considered within the scope of this assessment.

6.3.2 Lead-Based Paint (LBP)

As the subject property is vacant land, LBP was not considered within the scope of this assessment.

6.3.3 Radon

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

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

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

Radon sampling was not conducted as part of this assessment. Review of the US EPA Map of Radon Zones places the subject property in Zone 2. Based upon the radon zone classification, radon is not considered to be a significant environmental concern.

6.3.4 Lead in Drinking Water

According to available information, a public water system operated by the Los Angeles Department of Water and Power (LADWP) serves the subject property vicinity. The sources of public water for the City of San Pedro are surface waters from the State Water Project (including 22 dams and reservoirs), Colorado River, Owens River, Mono Lake Basin, and approximately 30-percent comes from groundwater sources. According to the LADWP and the 2018 Annual Water Quality Report, water supplied to the subject property is in compliance with all State and Federal regulations pertaining to drinking water standards, including lead and copper. Water sampling was not conducted to verify water quality.

6.3.5 Mold

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

As there are no current onsite structures, mold growth was not considered within the scope of this assessment.

6.4 Adjacent Property Reconnaissance

The adjacent property reconnaissance consisted of observing the adjacent properties from the subject property premises.

6.4.1 PCBs

Two pole-mounted transformers were observed on the adjacent properties. No staining or leakage was observed in the vicinity of the transformers. Based on these observations, the presence of adjacent transformers is not expected to represent a significant environmental concern.

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

7.0 FINDINGS AND CONCLUSIONS

Findings

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

- Based on the historical information and previous reports reviewed, the subject property was formerly developed with several commercial structures occupied by a machine shop between 1925 and 1938, a copper works facility in 1943, an automobile repair facility from 1959 through *circa* 1969 and a battery manufacturer between 1950 and 2007. Records from the Air Quality Management District (AQMD), show that permits were issued in 1956 for the operation of 500-pound and 1500-pound capacity lead melting furnaces, a battery group burning table, and associated exhaust system and venting equipment.

  Given the historical use of the site, the subject property has undergone several subsurface investigations since the early 1990s. In September 1991, approximately 350 cubic yards of soil was excavated from the site. The soil was treated with chemical fixation in April 1992 and reused to fill the excavation pit. In January 1995, the LACFD HHMD considered the site to be satisfactorily remediated for its use at that time; however, prohibitions were included for site redevelopment until further remediation was conducted. In April 1996, a soil and groundwater investigation was conducted that included the collection of a total of 50 soil samples and four groundwater samples that were analyzed for lead only. Soluble lead concentrations above the regulatory action level were identified in site soils; however, it was determined that groundwater had not been impacted.

  In January 2005, additional subsurface sampling was conducted at the north lot of the subject property (327) to determine the vertical and lateral extent of lead-contaminated soils and to assess pH conditions. A total of 64 samples were collected from 15 borings to a maximum depth of 20 feet bgs. Concentrations of lead were reportedly in the range of non-detect to above standards. In September 2006, a soil gas investigation and additional soil sampling was conducted at the subject property to further characterized and delineate the vertical and lateral extent of lead-contaminated soils previously identified at the site and to assess the presence of other contaminants such as total petroleum hydrocarbons (TPH), polychlorinated biphenyls (PCBs), and organochlorine pesticides. Soil gas probes were reportedly installed in 24 borings throughout the site, at depths between 5 feet and 15 feet bgs. Results from the soil gas investigation indicated the presence of ethylbenzene and xylenes in one boring location at depths of 5 and 15 feet bgs with concentrations of 0.5 and 3.3 micrograms per liter (ug/L), PCE was reportedly detected in two boring locations at up to 1.2 ug/L, and petroleum hydrocarbons were detected in one boring at a depth of 15 feet bgs at a concentration of 186 ug/L, all above standards. The soil investigation indicated additional lead impacts, TPH in one sample at a depth of 15 feet bgs and organochlorine pesticides in one sample at a depth of one foot; VOCs and

PCBs were reportedly not detected in any of the samples analyzed. Based on the results of this 2006 investigation, the Los Angeles County Fire Department (LACFD) Health Hazardous Materials Division (HHMD) issued a letter requiring a soil remediation workplan prior to site cleanup activities.

Soil excavation activities at the site were conducted between October 2007 and January 2008, under the oversight of LACFD HHMD. A total of 750 cubic yards of soil was reportedly excavated to depths ranging from 1.5 to 12.5 feet bgs, with an additional 150 cubic yards of soils excavated at depths ranging from 3.5 feet to 12.5 feet bgs between May and June 2008, where samples had previously exceeded the residential lead level. According to the Hazardous Waste Tracking System (HWTS) online database, approximately 955.98 tons of lead impacted soils and 458.83 tons of total petroleum hydrocarbon (TPH) impacted soils from the site cleanup were removed from the subject property between 2007 and 2008.

Based on the results of these investigations and excavation activities completed, the lead-impacted soils from the historical onsite operations appear to have been properly addressed and removed from the subject property for offsite disposal; however, groundwater throughout the site does not appear to have been adequately investigated. As such, and given the historical use of the site, in conjunction with the elevated concentrations reported in the results of the 2006 soil gas sampling and shallow depth to groundwater, the subject property's unknown groundwater conditions resulting from the historical onsite operations, are considered to be a REC.

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

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

A *historical recognized environmental condition (HREC)* refers to a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls.

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

An *environmental issue* refers to environmental concerns identified by Partner, which do not qualify as RECs; however, warrant further discussion.

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

Conclusions, Opinions and Recommendations

Partner has performed a Phase I Environmental Site Assessment in conformance with the scope and limitations of ASTM Practice E1527-13 of 319-327 North Harbor Boulevard in San Pedro, Los Angeles County, California (the "subject property"). Any exceptions to, or deletions from, this practice are described in Section 1.5 of this report.

This assessment has revealed evidence of a REC in connection with the subject property. Based on the conclusions of this assessment, Partner recommends the following:

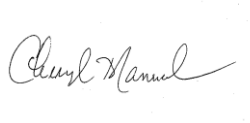
- A subsurface investigation should be conducted in order to determine the presence or absence of groundwater contamination due to the historical use of the subject property.
- Since future construction plans will likely involve significant excavation of soils and may require dewatering activities, care should be taken during redevelopment. Any subsurface improvements and/or contaminated media encountered during redevelopment activities should be removed and properly disposed in accordance with applicable regulations.

8.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

Partner has performed a Phase I Environmental Site Assessment of the property located at 319-327 North Harbor Boulevard in San Pedro, Los Angeles County, California in conformance with the scope and limitations of the protocol and the limitations stated earlier in this report. Exceptions to or deletions from this protocol are discussed earlier in this report.

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

Prepared By:



Cheryl Manuel
Project Scientist

Reviewed By:

Kathryn Heymann
Senior Author

9.0 REFERENCES

Reference Documents

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

Air Quality Management District (AQMD), accessed via the internet, February 2021

California Department of Conservation (DOC) Geologic Energy Management Division (CalGEM), accessed via the internet, February 2021

California Department of Toxic Substances Control (DTSC) and Hazardous Waste Tracking System (HWTS), accessed via internet, February 2021

California Environmental Protection Agency (CalEPA), accessed via internet, February 2021

City of Los Angeles Department of City Planning (LADCP), accessed via internet, February 2021

County Sanitation Districts of Los Angeles County (CSDLAC), accessed via email, February 2021

Environmental Data Resources (EDR), Radius Report, February 2021

Federal Emergency Management Agency, Federal Insurance Administration, National Flood Insurance Program, Flood Insurance Map, accessed via internet, February 2021

Los Angeles City Sanitation (LACS), accessed via email, February 2021

Los Angeles County Assessor (LACA), accessed via the internet, February 2021

Los Angeles County Fire Department Health Hazardous Materials Division (LACFDHHMD), accessed via the internet, February 2021

Los Angeles County Department of Public Works (LADPW), accessed via the internet, February 2021

Los Angeles Department of Building and Safety (LADBS), accessed via the internet, February 2021

Los Angeles Fire Department (LAFD), accessed via the internet and email, February 2021

State Water Resources Control Board (SWRCB), accessed via the internet, February 2021

United States Department of Agriculture, Natural Resources Conservation Service, accessed via internet, February 2021

United States Department of Agriculture, Natural Resources Conservation Service, Web Soil Survey, accessed via the internet, February 2021

United States Environmental Protection Agency, EPA Map of Radon Zones (Document EPA-402-R-93-071), accessed via the internet, February 2021

United States Geological Survey, accessed via the Internet, February 2021

United States Geological Survey Topographic Map 7.5 minute series, accessed via internet, February 2021

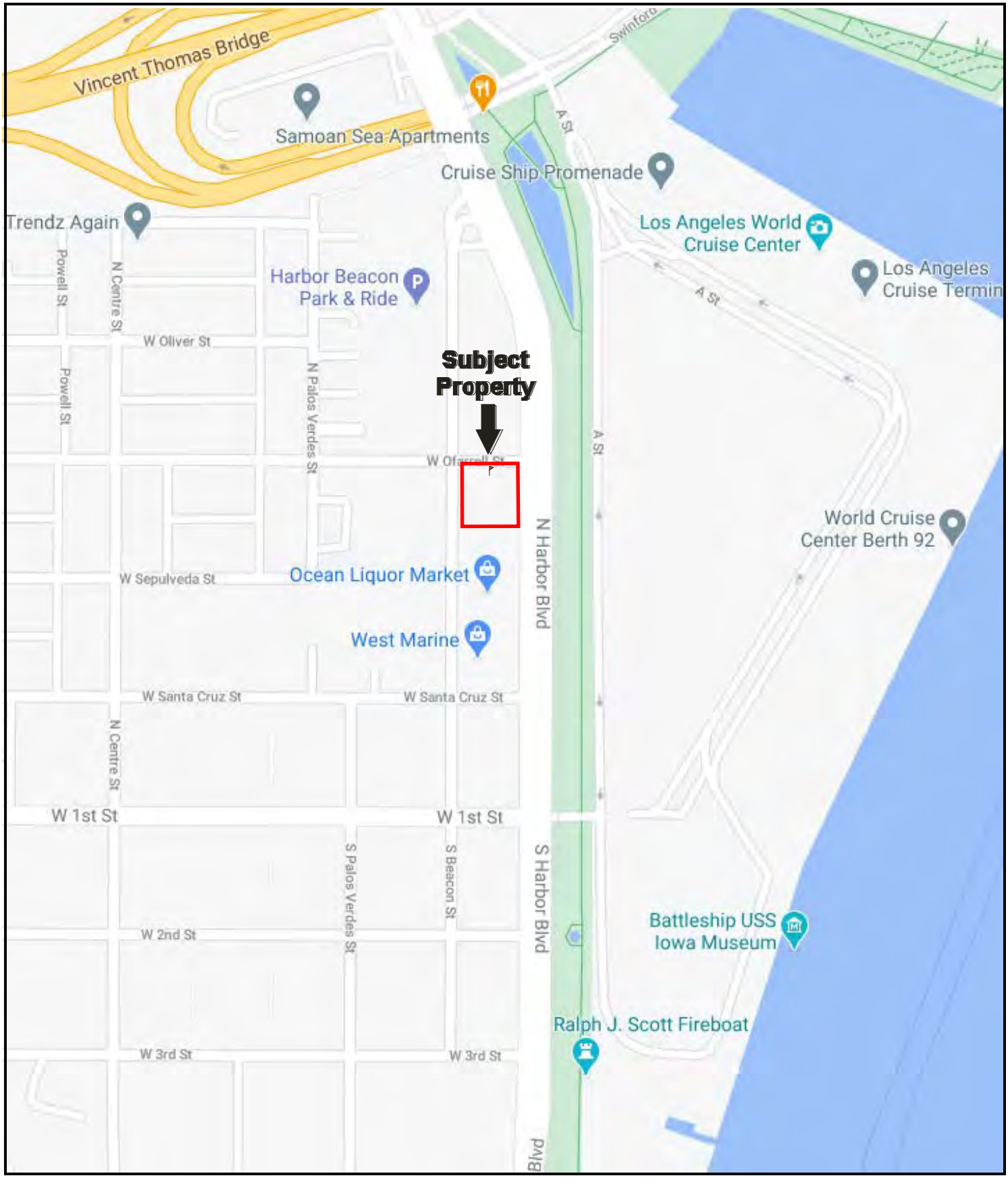
FIGURES

1 SITE LOCATION MAP

2 SITE PLAN

3 TOPOGRAPHIC MAP

PARTNER



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Drawing Not To Scale

KEY:
Subject Property

FIGURE 1: SITE LOCATION MAP

Project No. 21-307707.1

PARTNER

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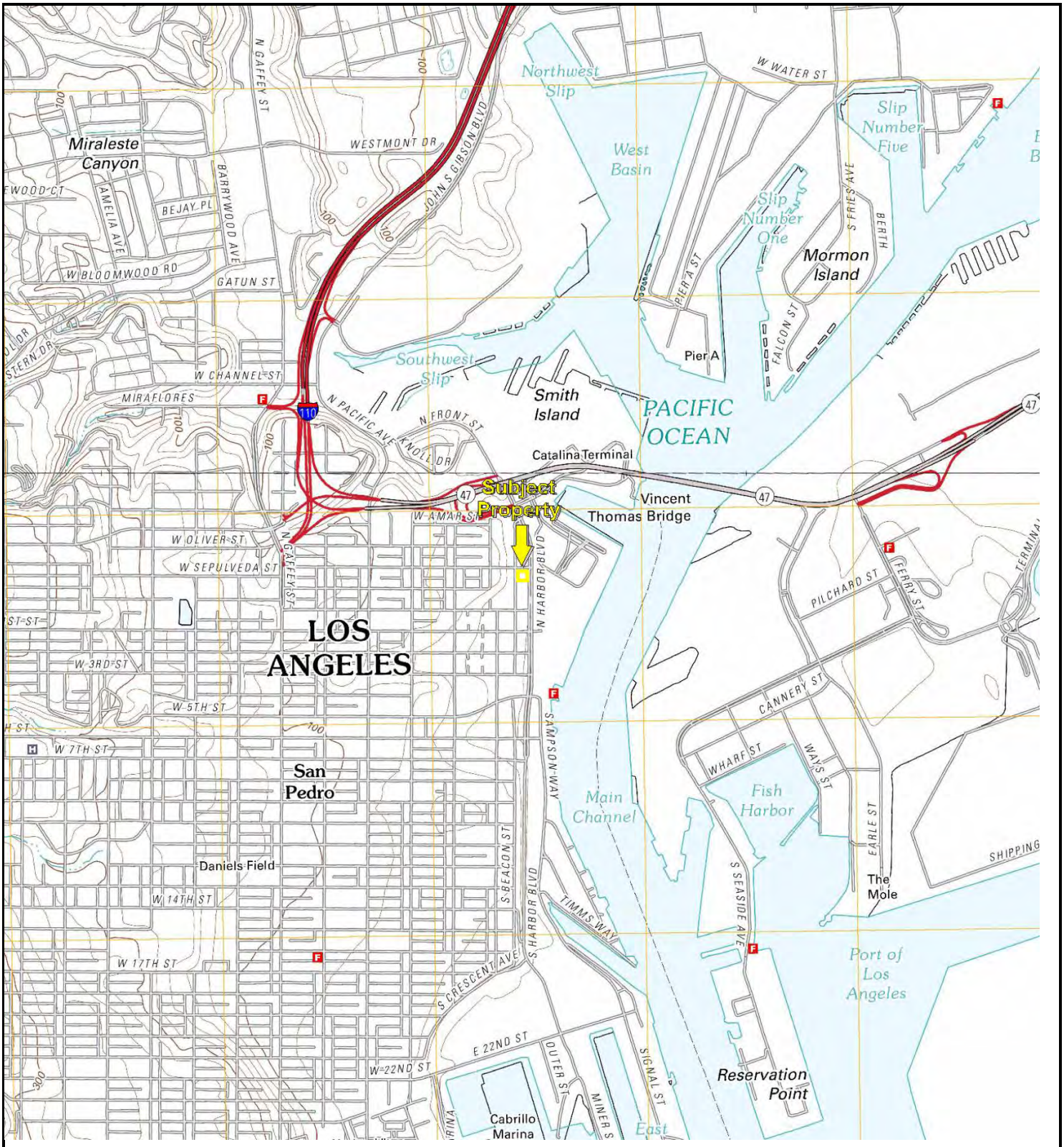
GROUNDWATER FLOW

KEY:
Subject Property

FIGURE 2: SITE PLAN
Project No. 21-307707.1

PARTNER



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USGS 7.5 Minute *San Pedro, California* Quadrangle
Created: 2012

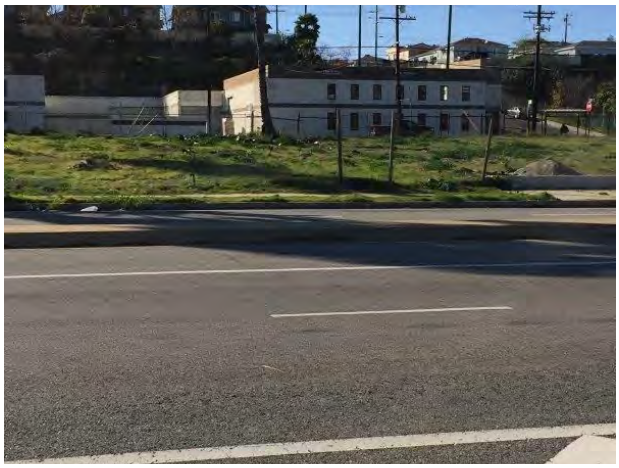
KEY:
Subject Property

FIGURE 3: TOPOGRAPHIC MAP
Project No. 21-307707.1

PARTNER

APPENDIX A: SITE PHOTOGRAPHS

1. View of the subject property looking south across West O Farrell Street



2. View of the subject property looking west across North Harbor Boulevard

3. View on the subject property facing north

4. View on the subject property facing south

5. View on the subject property facing east

6. View on the subject property facing west

7. View of the subject property facing south on North Harbor Boulevard

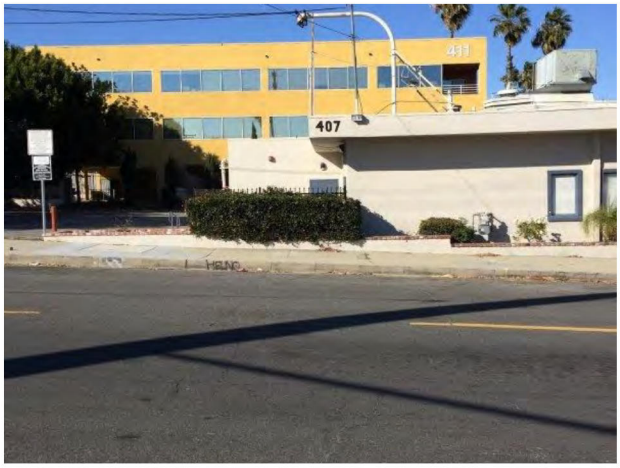
8. View of the subject property facing south on North Beacon Street

9. View of the subject property facing east on West O Farrell Street

10. View of the subject property facing West on West O Farrell Street

11. View of a prior subject property foundation at the north side of the property

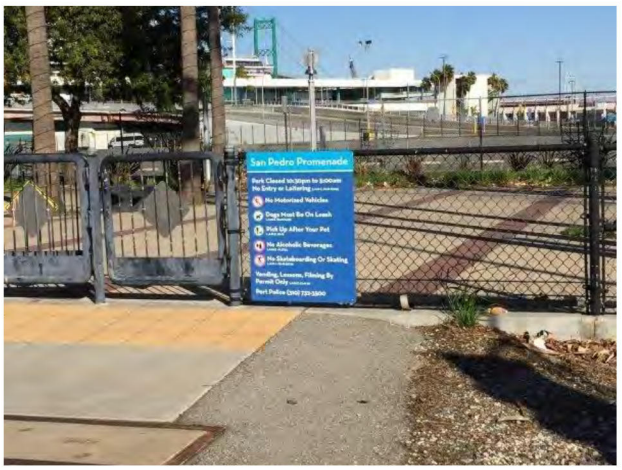
12. View of a pile of gravel on the west side of the subject property



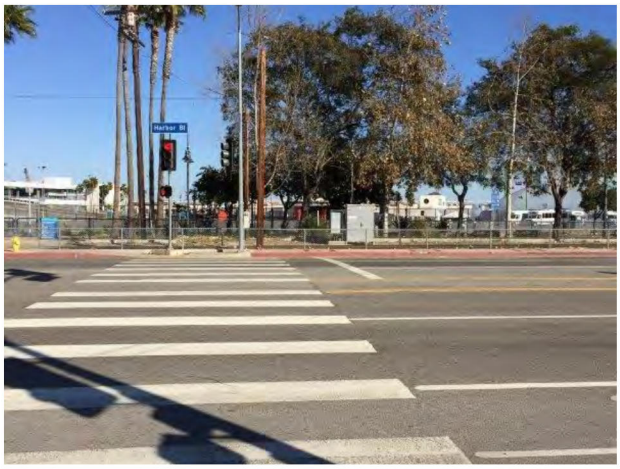
13. View of the north adjacent property looking

14.View of the northwest adjacent property looking west across North Beacon Street

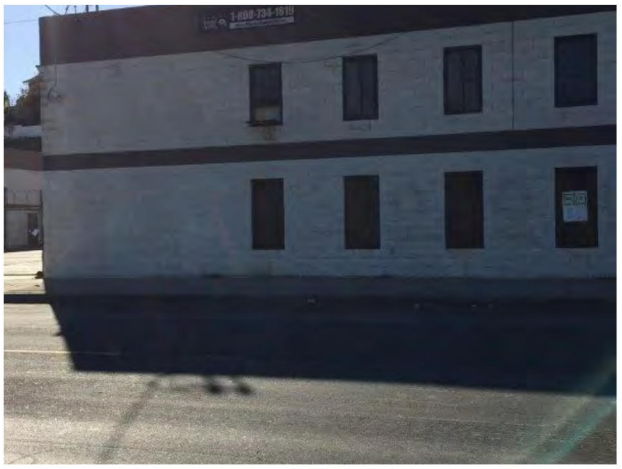
15. View of the south adjacent property looking



16. View of the east adjacent property facing east on North Harbor Boulevard



17. Additional view of the east adjacent property looking east across North Harbor Boulevard



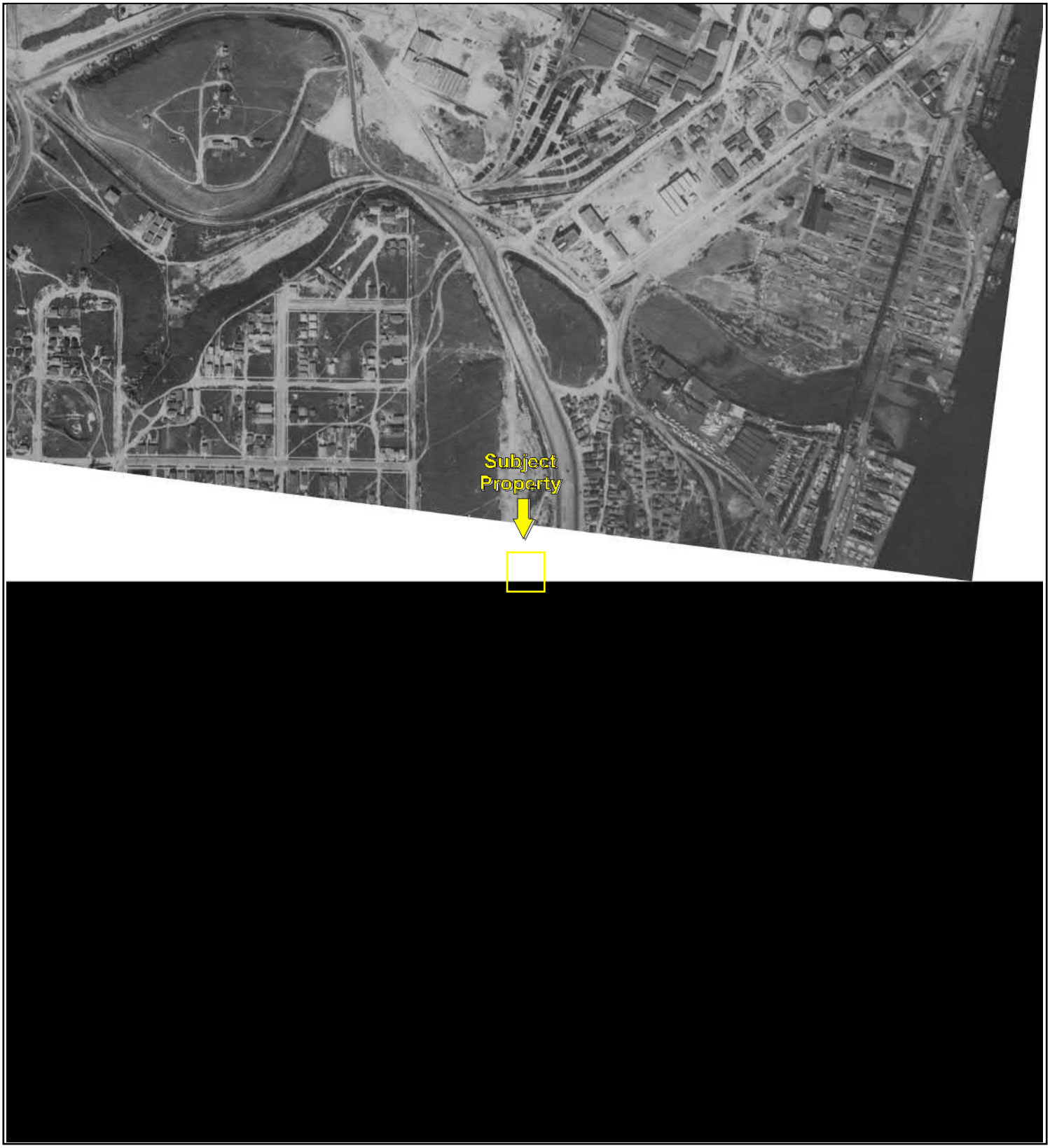
18. View of the west adjacent property looking west across North Beacon Street

19. View of the southwest adjacent property looking west across North Beacon Street

20. Rear view of the south adjacent property looking east across North Beacon Street

APPENDIX B: HISTORICAL/REGULATORY DOCUMENTATION

Aerial Photograph Year: 1923



500 1000 2000

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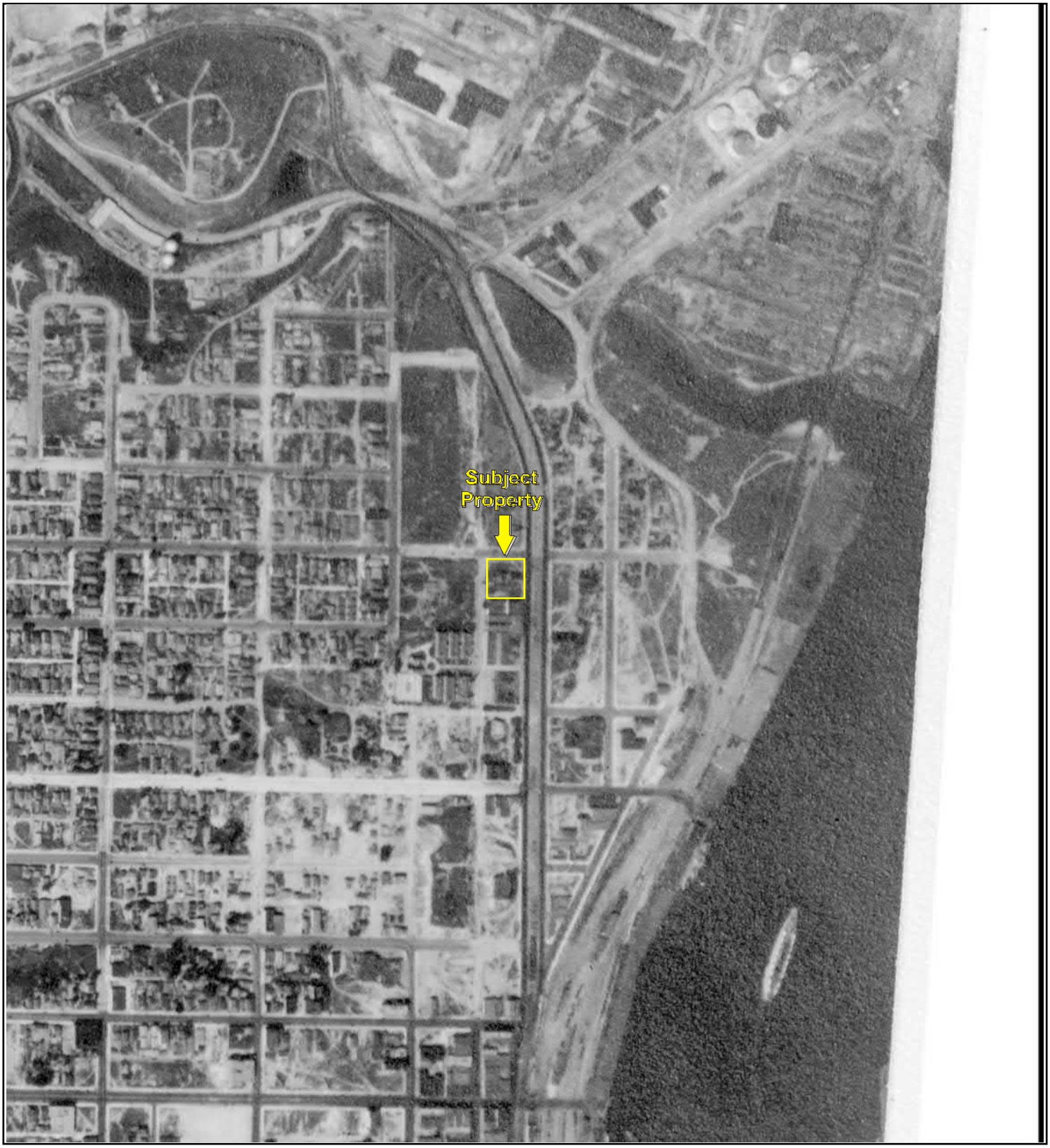
Key: Subject Property

APPENDIX B: AERIAL PHOTOGRAPHS

Project No. 21-307707.1

PARTNER

Aerial Photograph Year: 1928



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Key: Subject Property

APPENDIX B: AERIAL PHOTOGRAPHS

Project No. 21-307707.1

PARTNER

Aerial Photograph Year: 1947

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Key: Subject Property

APPENDIX B: AERIAL PHOTOGRAPHS

Project No. 21-307707.1

Aerial Photograph Year: 1952

500 1000 2000

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Key: Subject Property

APPENDIX B: AERIAL PHOTOGRAPHS

Project No. 21-307707.1

Aerial Photograph Year: 1963

500 1000 2000

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Key: Subject Property

APPENDIX B: AERIAL PHOTOGRAPHS

Project No. 21-307707.1

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Aerial Photograph Year: 1972

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Aerial Photograph Year: 1979

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Key: Subject Property

APPENDIX B: AERIAL PHOTOGRAPHS

Project No. 21-307707.1

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Aerial Photograph Year: 1981

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Key: Subject Property

APPENDIX B: AERIAL PHOTOGRAPHS

Project No. 21-307707.1

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Aerial Photograph Year: 1989

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Key: Subject Property

APPENDIX B: AERIAL PHOTOGRAPHS

Project No. 21-307707.1

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Key: Subject Property

Aerial Photograph Year: 2002

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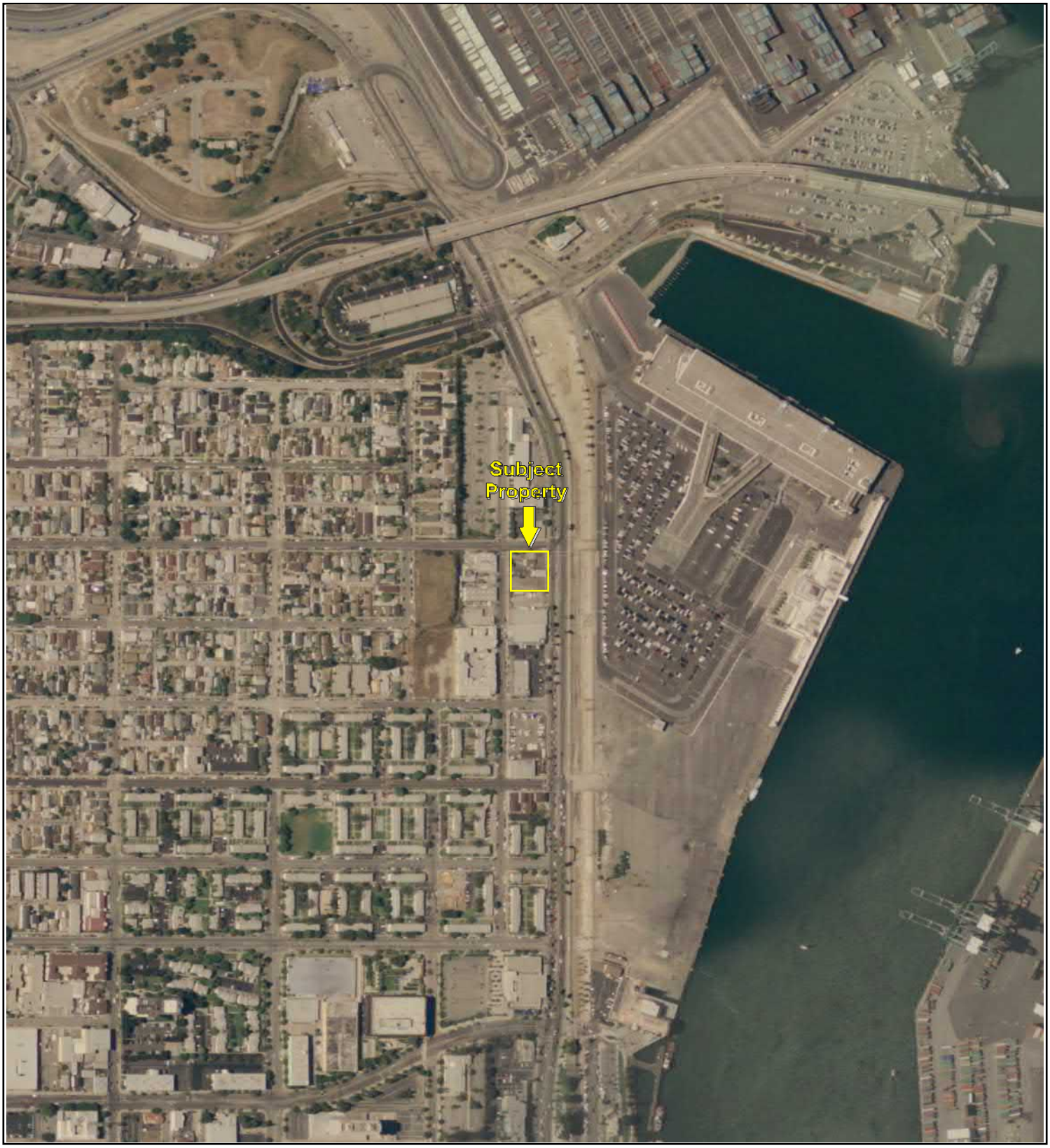
Key: Subject Property

Aerial Photograph Year: 2005



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Key: Subject Property

APPENDIX B: AERIAL PHOTOGRAPHS

Project No. 21-307707.1

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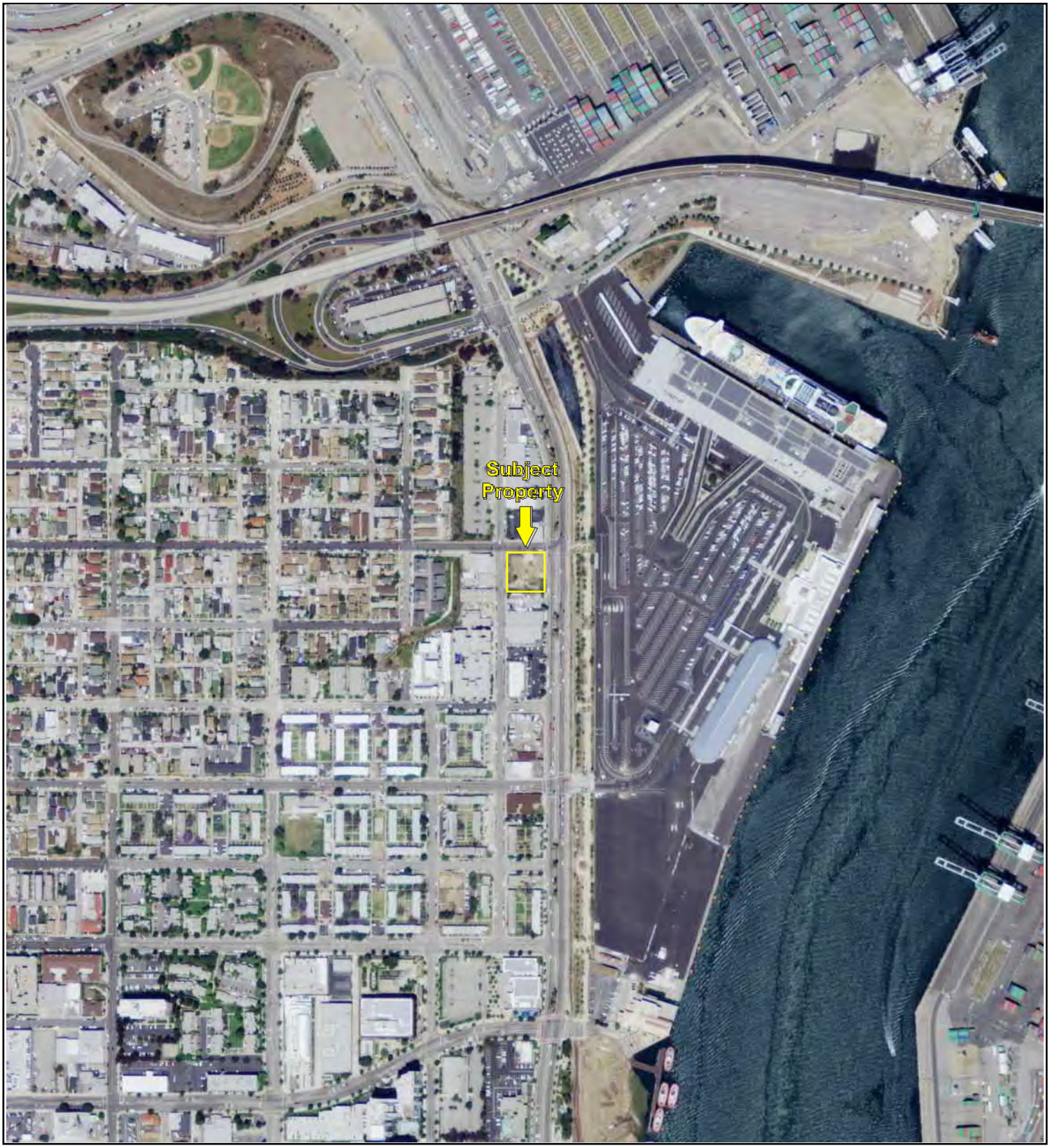
Key: Subject Property

APPENDIX B: AERIAL PHOTOGRAPHS

Project No. 21-307707.1

Aerial Photograph Year: 2012



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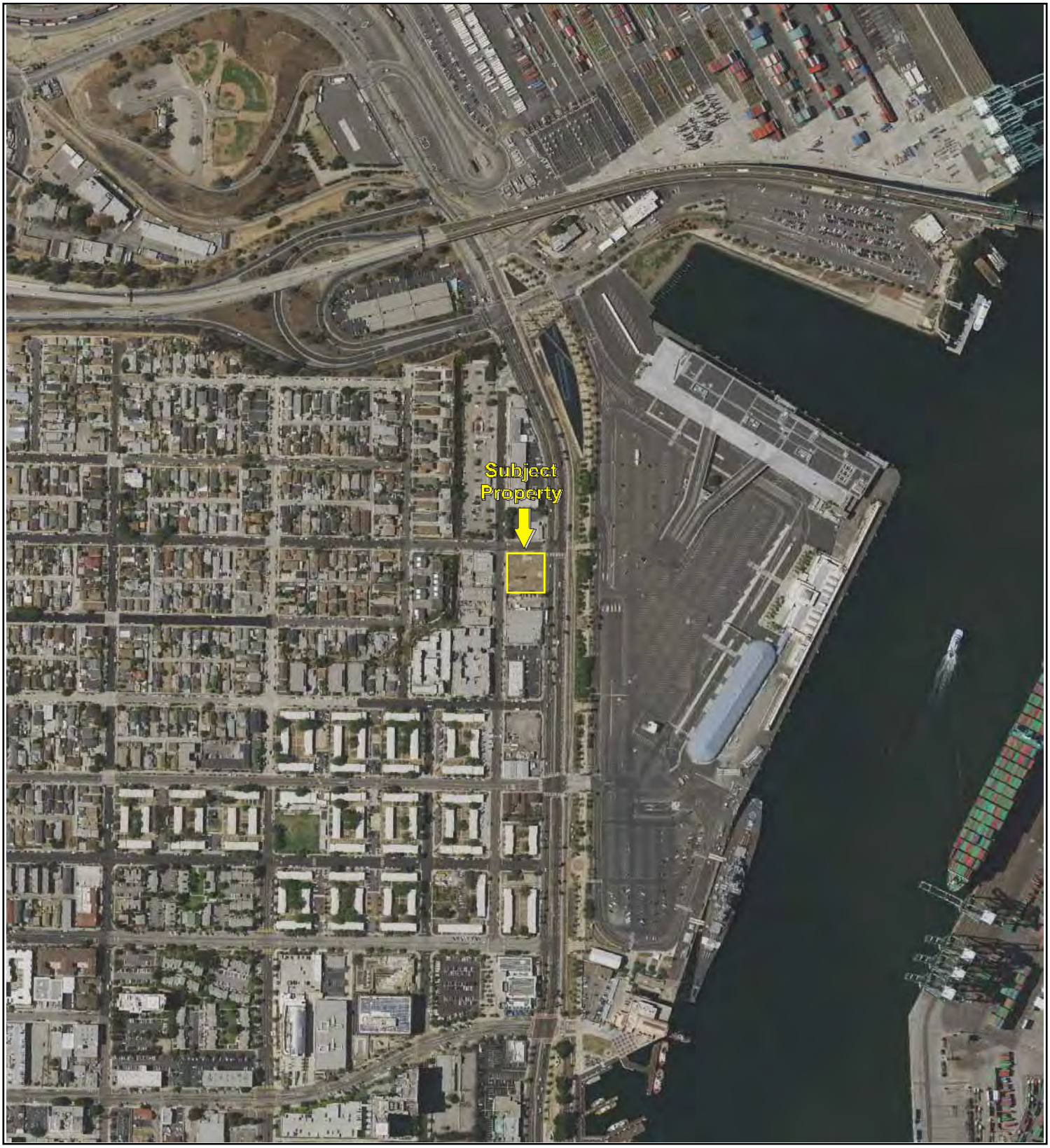
Key: Subject Property

APPENDIX B: AERIAL PHOTOGRAPHS

Project No. 21-307707.1

Aerial Photograph Year: 2016



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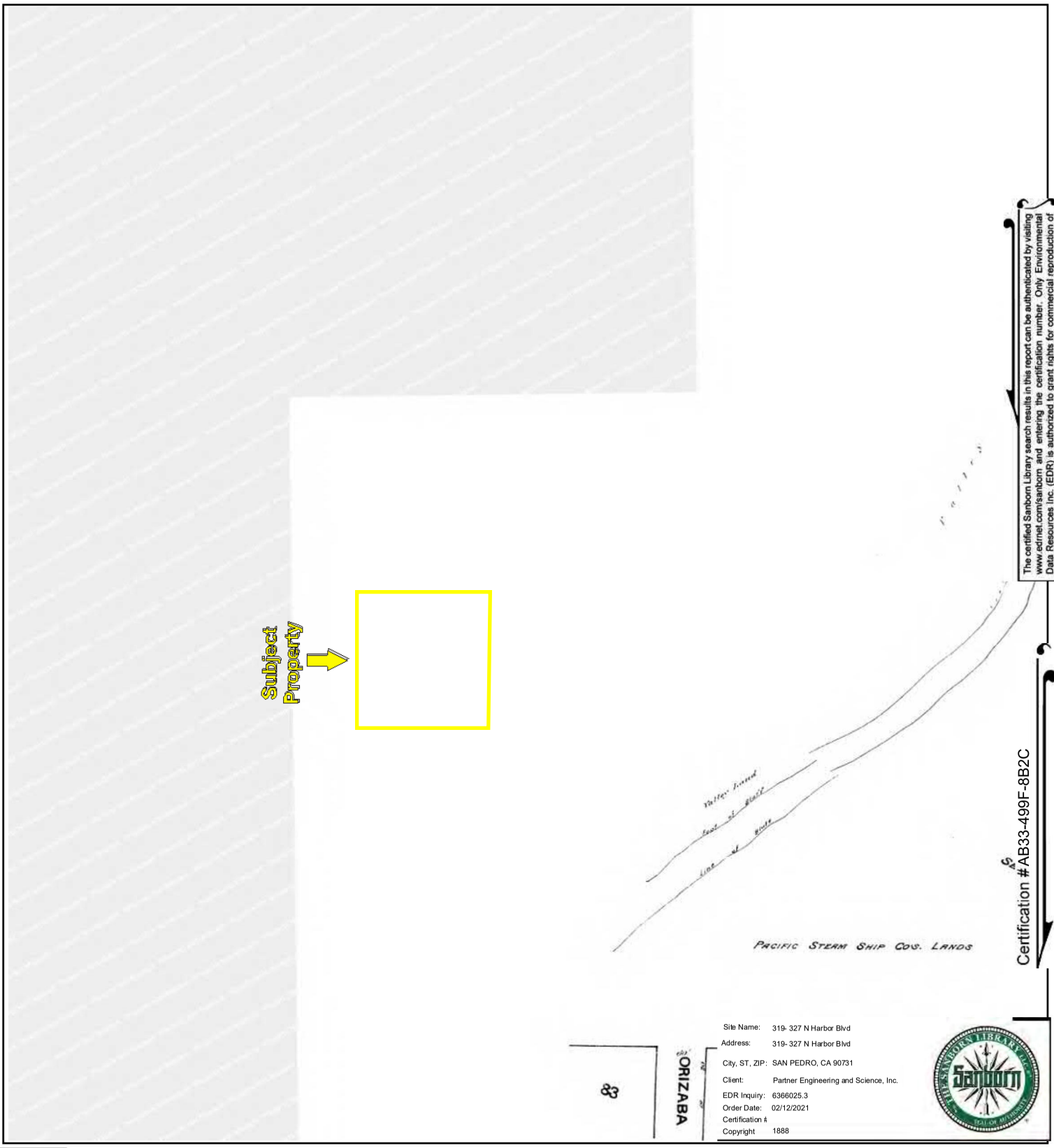
Key: Subject Property

APPENDIX B: AERIAL PHOTOGRAPHS

Project No. 21-307707.1



Volume 1, Sheet 3
Volume 1, Sheet 2

0 Feet 150 300 600

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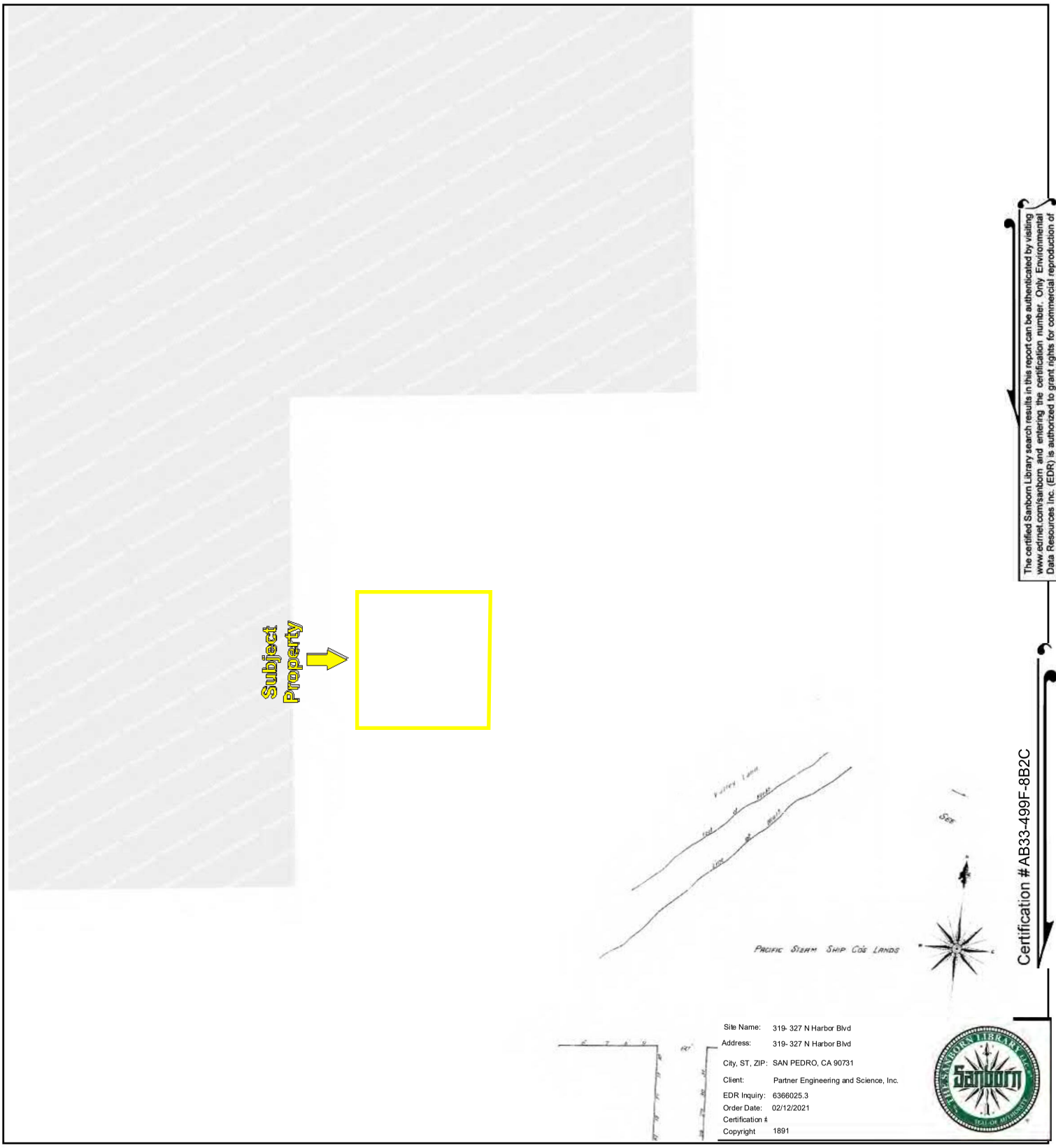
Key: Subject Property

APPENDIX B: Certified Sanborn Maps
Project No. 21-307707.1

PARTNER



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Certification # AB33-499F-8B2C

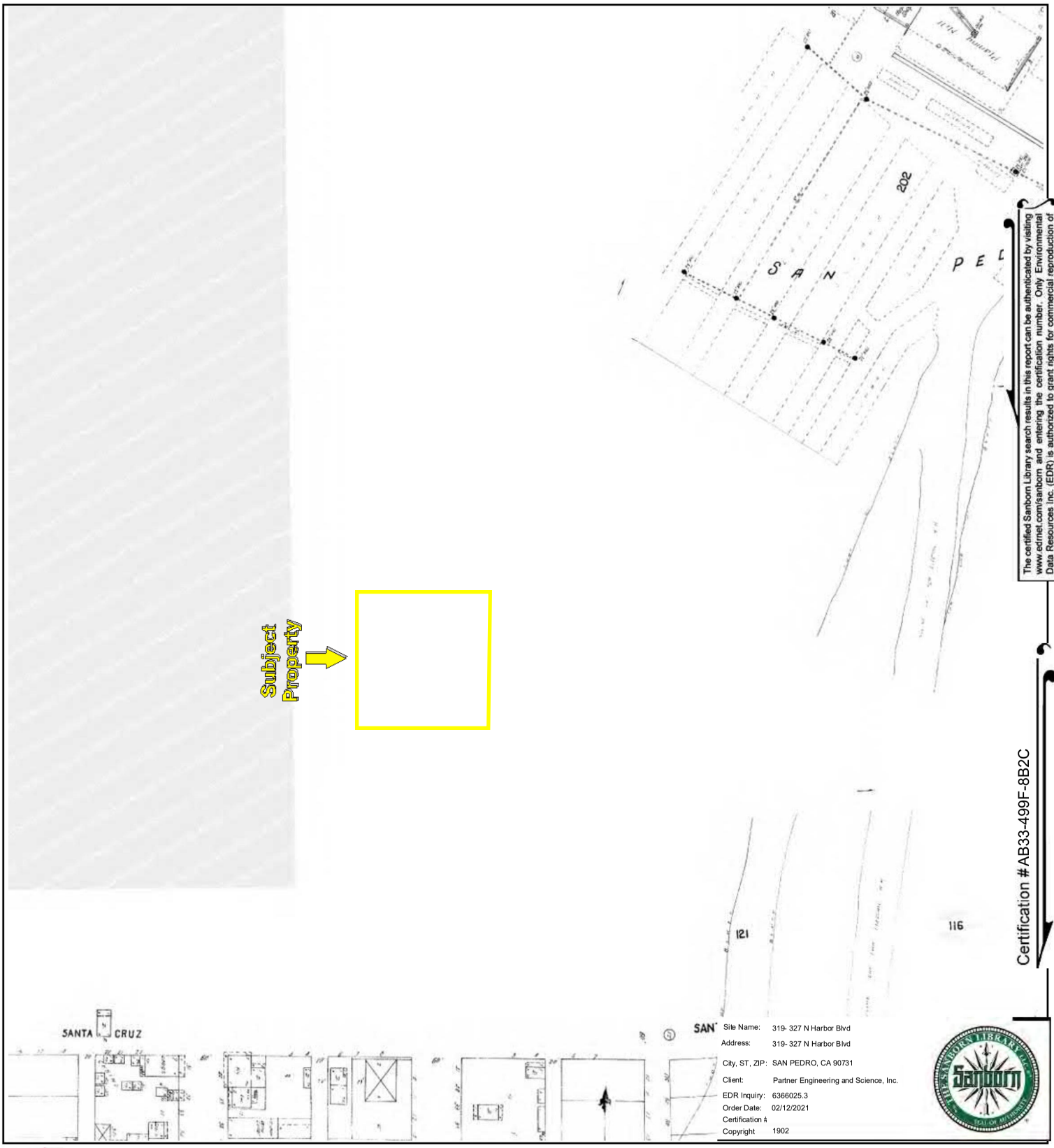
Volume 1, Sheet 2

0 Feet 150 300 600

Key: Subject Property

APPENDIX B: Certified Sanborn Maps

Project No. 21-307707.1



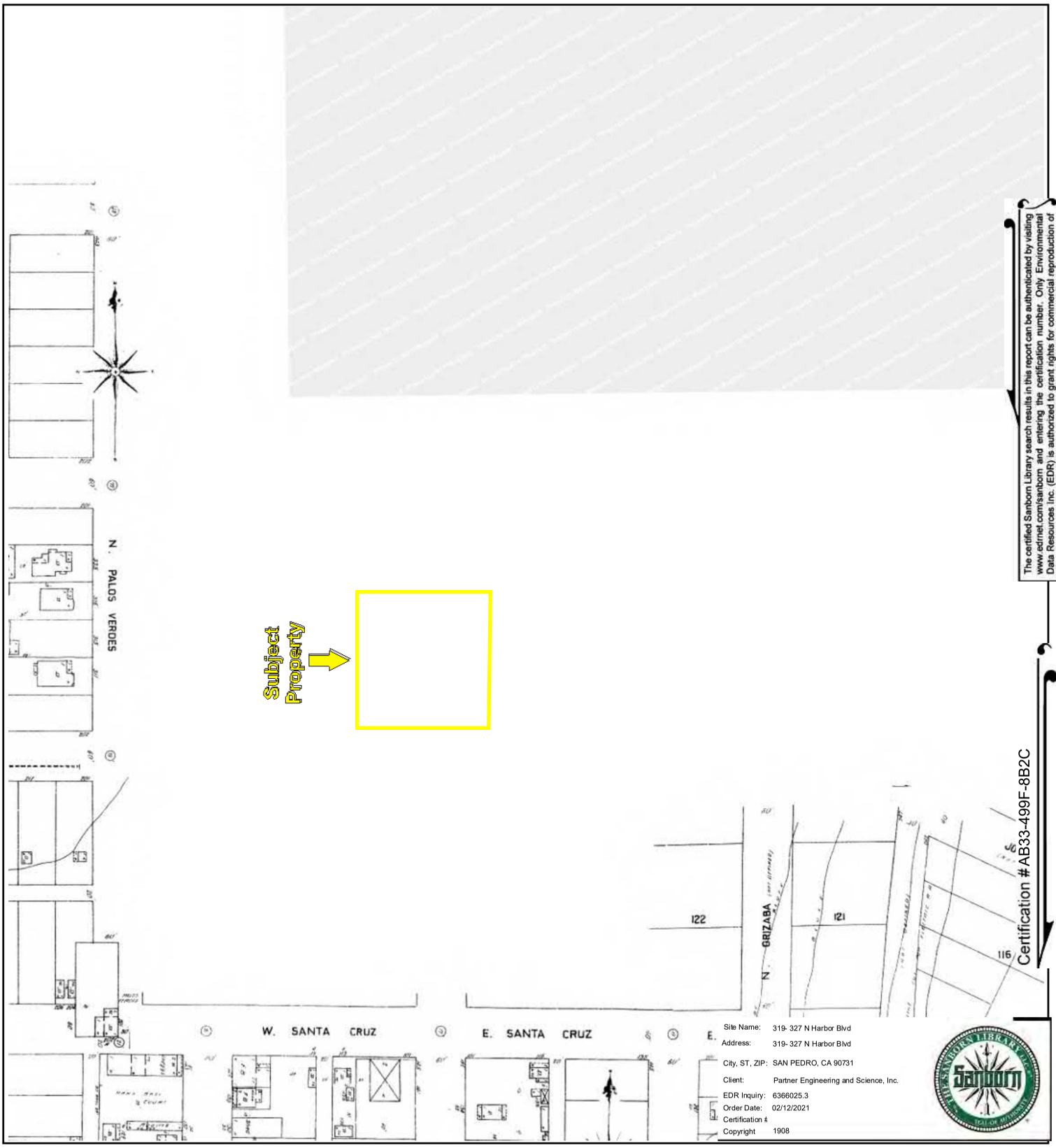
Volume 1, Sheet 3
Volume 1, Sheet 2

0 Feet 150 300 600

N

Key: Subject Property

APPENDIX B: Certified Sanborn Maps
Project No. 21-307707.1



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Certification # AB33-499F-8B2C

Volume 1, Sheet 3

0 Feet 150 300 600

3

N

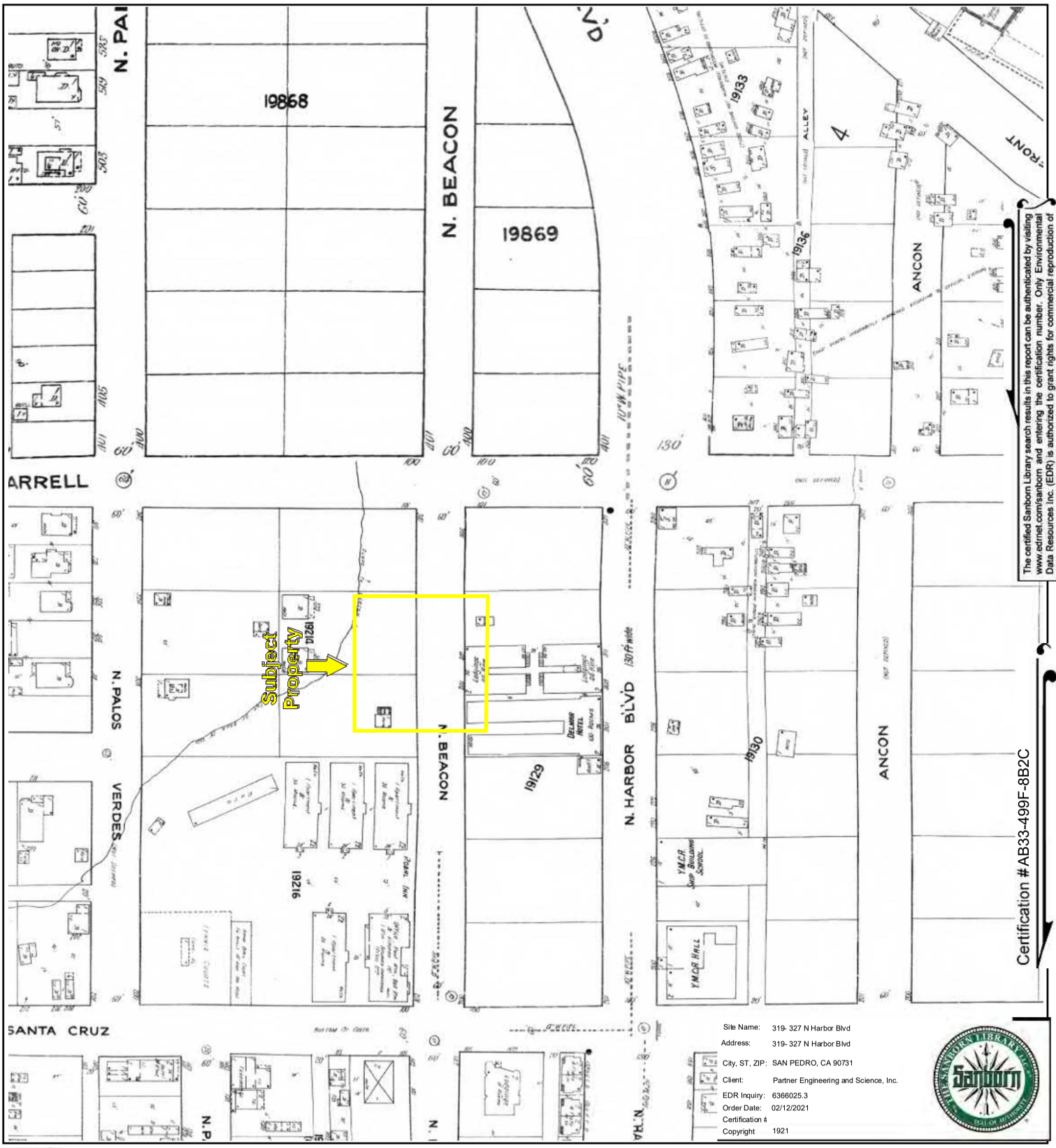
Key: Subject Property

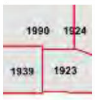
APPENDIX B: Certified Sanborn Maps

Project No. 21-307707.1

PARTNER

Certified Sanborn® Map Year: 1921





Volume 19, Sheet 1939
Volume 19, Sheet 1990
Volume 19, Sheet 1924
Volume 19, Sheet 1923

0 Feet 150 300 600

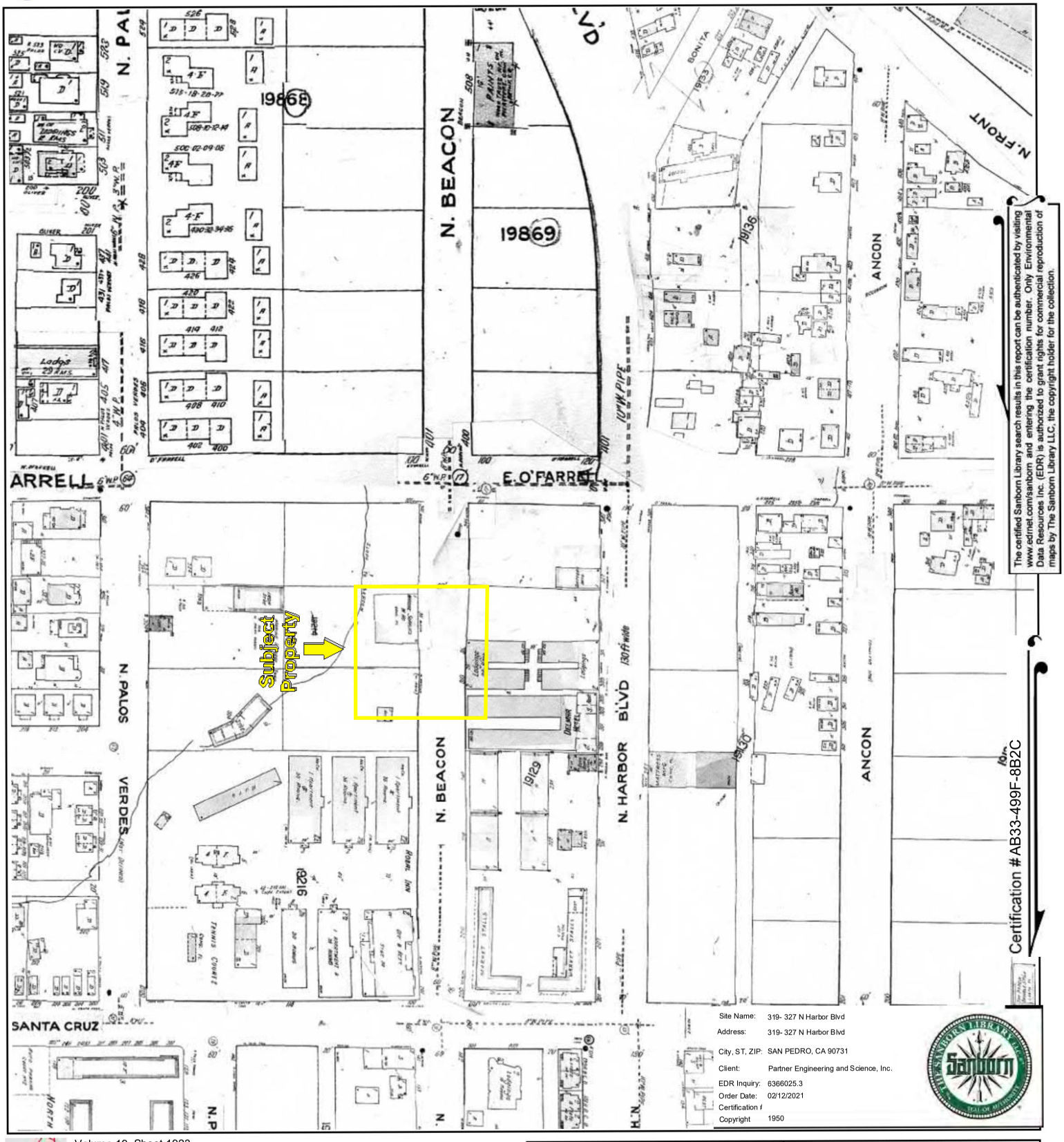
N

Key: Subject Property

APPENDIX B: Certified Sanborn Maps

Project No. 21-307707.1

PARTNER



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Volume 19, Sheet 1923
Volume 19, Sheet 1990
Volume 19, Sheet 1939
Volume 19, Sheet 1924

0 Feet 150 300 600

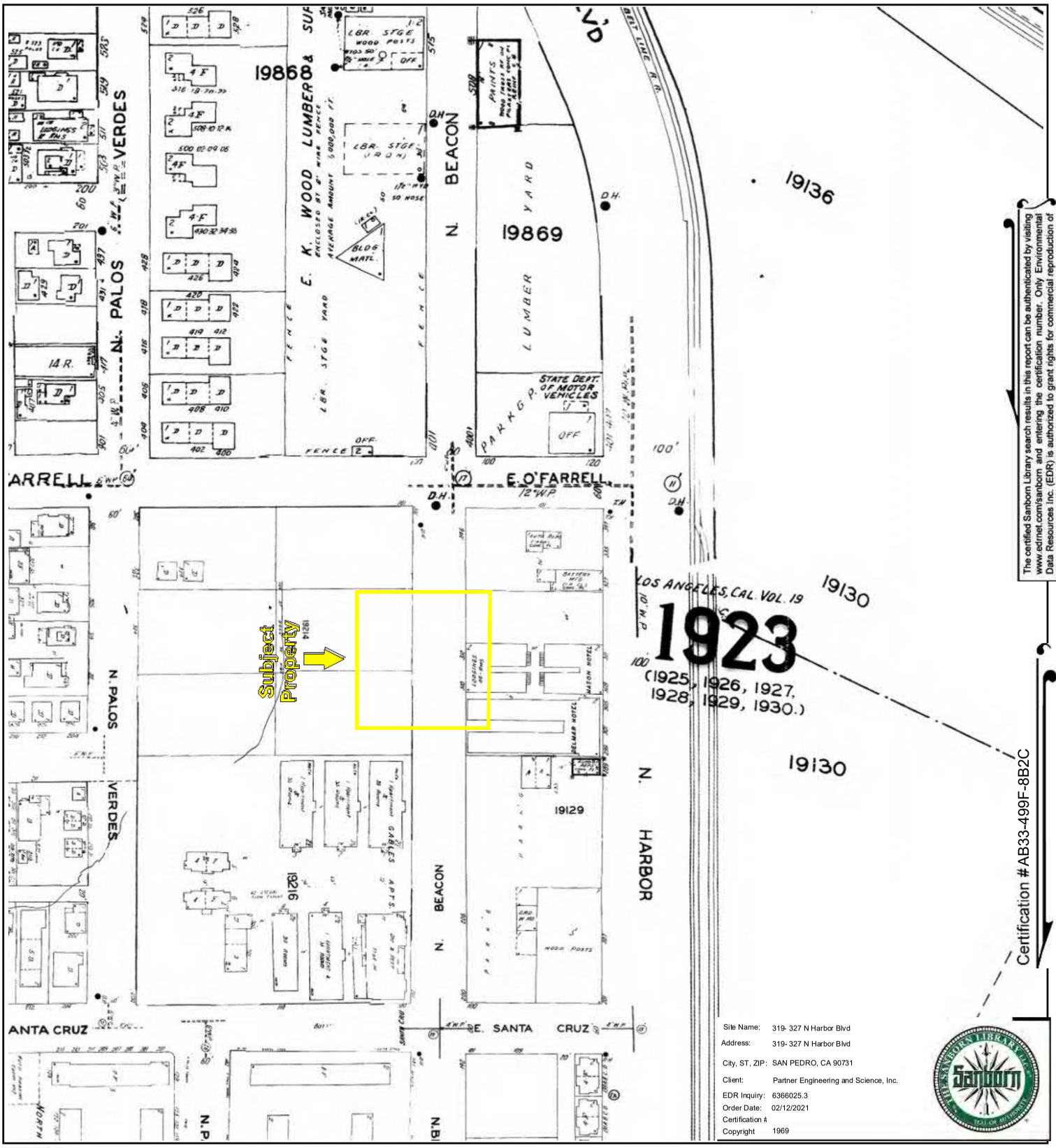
N

Key: Subject Property

APPENDIX B: Certified Sanborn Maps

Project No. 21-307707.1

PARTNER



Volume 19, Sheet 1990
Volume 19, Sheet 1939
Volume 19, Sheet 1925
Volume 19, Sheet 1923
Volume 19, Sheet 1922

0 Feet 150 300 600

N

Key: Subject Property

APPENDIX B: Certified Sanborn Maps

Project No. 21-307707.1

PARTNER

319- 327 N Harbor Blvd
319- 327 N Harbor Blvd
SAN PEDRO, CA 90731

Inquiry Number: 6366025.5
February 12, 2021

The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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Executive Summary

Findings

City Directory Images

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

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

Business directories including city, cross reference and telephone directories were reviewed, if available, at approximately five year intervals for the years spanning 1920 through 2014. This report compiles information gathered in this review by geocoding the latitude and longitude of properties identified and gathering information about properties within 660 feet of the target property.

A summary of the information obtained is provided in the text of this report.

RECORD SOURCES

EDR's Digital Archive combines historical directory listings from sources such as Cole Information and Dun & Bradstreet. These standard sources of property information complement and enhance each other to provide a more comprehensive report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2014	Cole Information Services	X	X	X	-
2009	Cole Information Services	-	X	X	-
2006	Haines Company	-	-	-	-
2004	Cole Information Services	-	X	X	-
	Cole Information Services	X	X	X	-
	Haines Company	-	-	-	-
	Haines Company	X	-	X	-
2003	Haines & Company	-	-	-	-
2001	Haines & Company, Inc.	-	X	X	-
	Haines & Company, Inc.	X	X	X	-
2000	Pacific Bell Telephone	-	-	-	-
1999	Cole Information Services	-	X	X	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1999	Cole Information Services	X	X	X	-
	Haines Company	-	-	-	-
	Haines Company	X	-	X	-
1996	GTE	-	-	-	-
1995	Pacific Bell	-	X	X	-
	Pacific Bell	X	X	X	-
1994	Cole Information Services	-	X	X	-
	Cole Information Services	X	X	X	-
1992	PACIFIC BELL WHITE PAGES	-	-	-	-
1991	Pacific Bell	-	X	X	-
1990	Pacific Bell	-	X	X	-
	Pacific Bell	X	X	X	-
1986	Pacific Bell	-	X	X	-
1985	Pacific Bell	-	X	X	-
	Pacific Bell	X	X	X	-
1981	Pacific Telephone	-	X	X	-
1980	Pacific Telephone	-	X	X	-
1976	Pacific Telephone	-	X	X	-
1975	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-
1972	R. L. Polk & Co.	-	-	-	-
1971	R. L. Polk & Co.	-	-	-	-
1970	Pacific Telephone	-	X	X	-
1969	Pacific Telephone	-	-	-	-
1967	R. L. Polk & Co.	-	-	-	-
1966	Pacific Telephone	-	X	X	-
1965	Pacific Telephone	-	X	X	-
1964	Pacific Telephone	-	X	X	-
1963	Pacific Telephone	-	-	-	-
1962	Pacific Telephone	-	X	X	-
1961	R. L. Polk & Co.	-	-	-	-
1960	Pacific Telephone	-	X	X	-
1958	Pacific Telephone	-	X	X	-
1957	Pacific Telephone	-	X	X	-
1956	Pacific Telephone	-	-	-	-
1955	R. L. Polk & Co.	-	-	-	-
1954	R. L. Polk & Co.	-	X	X	-
	R. L. Polk & Co.	X	X	X	-
1952	Los Angeles Directory Co.	-	-	-	-
1951	Los Angeles Directory Co Publishers	-	-	-	-
1950	Pacific Telephone	-	X	X	-
	Pacific Telephone	X	X	X	-

EXECUTIVE SUMMARY

Year	Source	TP	Adjoining	Text Abstract	Source Image
1949	Los Angeles Directory Co.	-	-	-	-
1948	Los Angeles Directory Co.	-	-	-	-
1947	Pacific Directory Co.	-	-	-	-
1946	Southern California Telephone Co	-	-	-	-
1945	The Glendale Directory Co.	-	-	-	-
1944	R. L. Polk & Co.	-	-	-	-
1942	Los Angeles Directory Co.	-	-	-	-
1940	Los Angeles Directory Co.	-	-	-	-
1939	Los Angeles Directory Co.	-	-	-	-
1938	Los Angeles Directory Company Publishers	-	-	-	-
1937	Los Angeles Directory Co.	-	X	X	-
1936	Los Angeles Directory Co.	-	-	-	-
1935	Los Angeles Directory Co.	-	X	X	-
1934	Los Angeles Directory Co.	-	-	-	-
1933	Los Angeles Directory Co.	-	-	-	-
1932	Los Angeles Directory Co.	-	-	-	-
1931	Los Angeles Directory Company Publishers	-	-	-	-
1930	Los Angeles Directory Co.	-	-	-	-
1929	Los Angeles Directory Co.	-	X	X	-
1928	Los Angeles Directory Co.	-	-	-	-
1927	Los Angeles Directory Co.	-	-	-	-
1926	Los Angeles Directory Co.	-	-	-	-
1925	Los Angeles Directory Co.	-	-	-	-
1924	Los Angeles Directory Co.	-	X	X	-
1923	Los Angeles Directory Co.	-	-	-	-
1921	Los Angeles Directory Co.	-	-	-	-
1920	Los Angeles Directory Co.	-	-	-	-

EXECUTIVE SUMMARY

SELECTED ADDRESSES

The following addresses were selected by the client, for EDR to research. An "X" indicates where information was identified.

Address	***Type***	***Findings***
316 N. Beacon Street	Client Entered	
332 N. Beacon Street	Client Entered	
319 N. Beacon Street	Client Entered	
345 N. Beacon Street	Client Entered	X
407 N. Beacon Street	Client Entered	
305 N. Harbor Boulevard	Client Entered	X
309 N. Harbor Boulevard	Client Entered	
311 N. Harbor Boulevard	Client Entered	X
407 N. Harbor Boulevard	Client Entered	X
110 W. O'Farrell Street	Client Entered	
114 W. O'Farrell Street	Client Entered	
117 W. O'Farrell Street	Client Entered	
400 N Front Street	Client Entered	

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

319- 327 N Harbor Blvd
SAN PEDRO, CA 90731

FINDINGS DETAIL

Target Property research detail.

HARBOR BLVD N

327 HARBOR BLVD N

Year	Uses	Source
1995	ARCO BATTERY MFG CO INC	Pacific Bell
1990	ARCO BATTERY MFC CO INC	Pacific Bell

N HARBOR BLVD

327 N HARBOR BLVD

Year	Uses	Source
2014	ARCO BATTERY MFG	Cole Information Services
2004	ARCO BATTERY CO	Cole Information Services
2001	ARCOBATTERYMFG	Haines & Company, Inc.
1999	ARCO BATTERY MANUFACTURING COMPANY INCORPORATED	Cole Information Services
	G T R INCORPORATED	Cole Information Services
1994	ARCO BATTERY MFG CO	Cole Information Services
	GTR INC	Cole Information Services
1985	ARCO BATTERY MFG CO INC	Pacific Bell
1975	ARCO BATTERY MFG CO INC	Pacific Telephone
1954	ARCO BATTERY MFG CO INC	R. L. Polk & Co.
1950	ARCO BATTERY MFG CO INC	Pacific Telephone

N. Beacon Street

316 N. Beacon Street

Year	Uses	Source

FINDINGS

332 N. Beacon Street

Year	***Uses***	***Source***

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

BEACON N

305 BEACON N

Year	Uses	Source
1995	PRIMA PAK	Pacific Bell
1990	PRIMA PAK	Pacific Bell

345 BEACON N

Year	Uses	Source
1995	MARINE HARDWARE CO	Pacific Bell
1990	MARINE HARDWARE CO	Pacific Bell

508 BEACON N

Year	Uses	Source
1995	UNISERVICE AMERICAS	Pacific Bell
	INTERNATIONAL PAINT CO CALIF INC LOS	Pacific Bell
1990	INTERNATIONAL PAINT CO CALIF INC LOS	Pacific Bell
	VECOM U S A INC	Pacific Bell
	C-WORTHY SPECIALTIES	Pacific Bell

E SANTA CRUZ ST

109 E SANTA CRUZ ST

Year	Uses	Source
1980	DOTY MARY LOU	Pacific Telephone
1960	SALVADOR APOLONIO	Pacific Telephone
	SANTOS FRANCISCO B	Pacific Telephone
	ARBON C	Pacific Telephone
	RENDORIO CATALINO	Pacific Telephone
1957	ARBON C	Pacific Telephone
	GAMBLE L L	Pacific Telephone
	IGNACLO CASEMIRO	Pacific Telephone
1954	ARBON C R	R. L. Polk & Co.
	GAMBRL LL R	R. L. Polk & Co.
	SEBAYAN ISEDRO R R	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1950	BUENA VISTA APTS	Pacific Telephone
1935	Pearson Madaline r	Los Angeles Directory Co.

HARBOR BLVD N

203 HARBOR BLVD N

Year	Uses	Source
1995	E HARBOR BEACON CHECK CASHING	Pacific Bell
	F ETHELS DO-NUT SHOP	Pacific Bell
	D PEDROS RESTAURANTS	Pacific Bell
	WEST MARINE	Pacific Bell
1990	E HARBOR BEACON CHECK CASHING	Pacific Bell
	MORRIS SETTES DELI BASKET	Pacific Bell
	MR GLITTER INC	Pacific Bell
	WEST MARINE PRODUCTS	Pacific Bell
	F ETHELS DONUT SHOP	Pacific Bell

233 HARBOR BLVD N

Year	Uses	Source
1995	A HARBOR MKT	Pacific Bell
	G ENTERPRISE RENT-A-CAR	Pacific Bell
	B LIBRA VIDEO	Pacific Bell
1990	B GABRIEL VIDEO	Pacific Bell
	A HARBOR MARKET	Pacific Bell

305 HARBOR BLVD N

Year	Uses	Source
1995	THE SEA-A-MUSEUM LIKE SHOP	Pacific Bell
1990	SEA THE	Pacific Bell

407 HARBOR BLVD N

Year	Uses	Source
1990	LITTLE FISHERMAN	Pacific Bell

411 HARBOR BLVD N

Year	Uses	Source
1995	301 RENERGY INTERNATIONAL	Pacific Bell
	201 DIVERSIFIED TRANSPORTATION SERVICES INC	Pacific Bell
	203 ENVIRONMENTAL DIGEST	Pacific Bell
	300 KAISER INTERNATIONAL CORP	Pacific Bell

FINDINGS

435 HARBOR BLVD N

Year	Uses	Source
1995	C APOSTOLIC ASSEMBLY IGLESIA APOSTOLICA	Pacific Bell
	A SOUTH BAY SILK SCREENING	Pacific Bell
	F UNIVERSE ELECTRONIC	Pacific Bell
	E V & R SEAMAN CENTER	Pacific Bell
	A MEDINAS PLUMBING CO	Pacific Bell
1990	E V & R SEAMAN CENTER	Pacific Bell

525 HARBOR BLVD N

Year	Uses	Source
1995	CUSTOM CANVAS OF SAN PEDRO	Pacific Bell
	CAPTAIN KIRKS WINDSURFING	Pacific Bell
	O D T VIDEOS	Pacific Bell
1990	CUSTOM CANVAS OF SAN PEDRO	Pacific Bell
	O D T VIDE0S	Pacific Bell
	SAN PEDRO SAIL BOARDS	Pacific Bell

N BEACON

345 N BEACON

Year	Uses	Source
1991	MARINE HARDWARE CO	Pacific Bell
1990	MARINE HARDWARE CO SAN PEDRO	Pacific Bell
1986	MARINE HARDWARE CO SAN PEDRO	Pacific Bell
1981	L A MARINE HARDWARE CO SAN PEDRO	Pacific Telephone

515 N BEACON

Year	Uses	Source
1986	LOUISIANA-PACIFIC CORPORATION SAN PEDRO	Pacific Bell
1981	LOUISANA-PACIFIC CORPORATION SOUTHERN CALIFORNIA DISTRIBUTION DIVISION AND	Pacific Telephone

N BEACON ST

200 N BEACON ST

Year	Uses	Source
1950	BARGAIN CENTER FURN	Pacific Telephone

FINDINGS

201 N BEACON ST

Year	Uses	Source
2014	CATALINA CASTILLO	Cole Information Services
	ANA BONILLA	Cole Information Services
	ENRIQUE HIGAREDA	Cole Information Services
	ELIZABETH GARCIA	Cole Information Services
	ELVIRA MOUETT	Cole Information Services
	ROCIO PEREZ	Cole Information Services
	GERALD GUTIERREZ	Cole Information Services
	RODOLFO GUERRERO	Cole Information Services
	ADAM FERNANDEZ	Cole Information Services
	JOSE LOPEZ	Cole Information Services
	RAMON IZAGUIRRE	Cole Information Services
	ANALAURA GASCON	Cole Information Services
	CARMEN SOLORIO	Cole Information Services
	MARISA ALVAREZ	Cole Information Services
	JOSE AHUMADA	Cole Information Services
	ALFREDO OCHOA	Cole Information Services
	OSCAR OCHOA	Cole Information Services
	NEW ECONOMICS FOR WOMEN	Cole Information Services
	SANTA CRUZ TERRACE	Cole Information Services
2009	LILIAN CHAVEZ	Cole Information Services
	JAVIER AJU	Cole Information Services
	JUAN CASILLAS	Cole Information Services
	MARTHA SANTANA	Cole Information Services
	M CARDENAS	Cole Information Services
	SANTOS LOPEZ	Cole Information Services
	PEREZ MARGARITA	Cole Information Services
	SANTA CRUZ TERRACE APARTMENTS	Cole Information Services
	LEANDRO VAQUERANO	Cole Information Services
	MARLON SORIANO	Cole Information Services
	ELVIRA MOUETT	Cole Information Services
2004	FLOR CALDERON	Cole Information Services
1999	MARLON SORIANO	Cole Information Services
	LEANDRO VAQUERANO	Cole Information Services
	SANTOS LOPEZ	Cole Information Services
	LILIAN CHAVEZ	Cole Information Services
	PEREZ MARGARITA	Cole Information Services
	MARTHA SANTANA	Cole Information Services

FINDINGS

Year	Uses	Source
1999	JUAN CASILLAS	Cole Information Services
	M CARDENAS	Cole Information Services
	ELVIRA MOUETT	Cole Information Services
	JAVIER AJU	Cole Information Services
1980	ALVAREZ LUCIO	Pacific Telephone
	ANGEL GERARDO	Pacific Telephone
	ARAGON GLADYS	Pacific Telephone
	ASUNCION BERNARDO	Pacific Telephone
	CABANATAN CORNELIO	Pacific Telephone
	CARDENAS TEX	Pacific Telephone
	CORTEZ PETER	Pacific Telephone
	DOAKE E	Pacific Telephone
	FLORES ANA MARIA	Pacific Telephone
	GONZALEZ ELIBERTO	Pacific Telephone
	GUEVARA ATBERTO	Pacific Telephone
	GUMAYAGAY TEOAILO	Pacific Telephone
	GUTIERREZ FELICIANO V	Pacific Telephone
	HERNANDEZ RAMIRO VARGAS	Pacific Telephone
	JOHNSON HARRY L	Pacific Telephone
	MENDAROS ROGELIO C	Pacific Telephone
	OLCESE BIENVENIDA	Pacific Telephone
	PALOMARES JOSETINA	Pacific Telephone
	PERES MARIALUISA	Pacific Telephone
	CORTEZ FRANCISCO	Pacific Telephone
	ALFARO HUMBERTO	Pacific Telephone
1975	BOWEN RICHARD	Pacific Telephone
	CARDENAS TEX	Pacific Telephone
	JOHNSON GERTRUDE MRS	Pacific Telephone
	KELLEY RUSSELL	Pacific Telephone
	PARKER ROBT H	Pacific Telephone
	PEREZ JULIAN R	Pacific Telephone
1970	GABLES APTS	Pacific Telephone
	LEON ROBT A	Pacific Telephone
	REAVIS EDITH L	Pacific Telephone
	SAUCEDO TONY B	Pacific Telephone
	STROUD EDNA M	Pacific Telephone
1964	GABLES APTS	Pacific Telephone
	GARIBAY JOS M	Pacific Telephone

FINDINGS

Year	Uses	Source
1964	TRUSSELL DELL	Pacific Telephone
	TRUSSELL GROVER	Pacific Telephone
1960	GABLES APTS	Pacific Telephone
	SAHM LOUIS	Pacific Telephone
1957	MMLIL BILLIE THE	Pacific Telephone
1954	ROBERTSON GEO T JR	R. L. Polk & Co.
	NUMMY J A	R. L. Polk & Co.
	NEER KAY R	R. L. Polk & Co.
	ROBAL APT HOTEL	R. L. Polk & Co.
1950	WOLF S DEN	Pacific Telephone
	ROBAL INN HOTEL & APTS	Pacific Telephone
	OTERO FRANCES R	Pacific Telephone
	NELSON BENJ E R	Pacific Telephone
	:T S E A CERRARD R	Pacific Telephone
	ABEL ALTA R	Pacific Telephone
1935	Robal Inn Hotel & Apts	Los Angeles Directory Co.
	La Chance A Robal Inn Hotel & Apts	Los Angeles Directory Co.

305 N BEACON ST

Year	Uses	Source
2014	COAST DIVING SERVICE	Cole Information Services
2001	HOTHOTHOT	Haines & Company, Inc.
1999	QUALITY FOODS	Cole Information Services
	PRIMA PAK INCORPORATED	Cole Information Services
	HOT HOT HOT	Cole Information Services
	VICTORIAS TREASURE	Cole Information Services
1994	PRIMA PAK	Cole Information Services
1985	WILLIAMS R W CO	Pacific Bell

309 N BEACON ST

Year	Uses	Source
2009	MARY KINCAID	Cole Information Services
2004	BUD AVERY	Cole Information Services
1999	MARY KINCAID	Cole Information Services

312 N BEACON ST

Year	Uses	Source
1957	COAST HOTEL	Pacific Telephone
1954	AMEROLLA NICK	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1954	COAST HOTEL	R. L. Polk & Co.
	CONUI ANCELMO	R. L. Polk & Co.
1950	COAST HOTEL	Pacific Telephone

319 N BEACON ST

Year	Uses	Source
2004	TRAINERS JNTRL & CRPT SRVC	Cole Information Services
	TRAINERS JNTRL & CRPT SRVC	Cole Information Services

323 N BEACON ST

Year	Uses	Source
2009	GEORGE RODRIGO	Cole Information Services
2004	GEORGE RODRIGO	Cole Information Services
1999	GEORGE RODRIGO	Cole Information Services

345 N BEACON ST

Year	Uses	Source
2014	ICON INTERNATIONAL INC	Cole Information Services
	MARINE HARDWARE	Cole Information Services
	ICON INTERNATIONAL INC	Cole Information Services
	MARINE HARDWARE	Cole Information Services
2009	MARINE HARDWARE INC	Cole Information Services
	ICON INTERNATIONAL	Cole Information Services
	MARINE HARDWARE INC	Cole Information Services
	ICON INTERNATIONAL	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2001	MARINE HARDWARE	Haines & Company, Inc.
1999	MARINE HARDWARE COMPANY	Cole Information Services
	MARINE HARDWARE COMPANY FROM LOS ANGELES TELEPHONES CA	Cole Information Services
	MARINE HARDWARE COMPANY	Cole Information Services
	MARINE HARDWARE COMPANY FROM LOS ANGELES TELEPHONES CA	Cole Information Services
1995	Marine Hardware Co	Pacific Bell
1994	MARINE HARDWARE CO	Cole Information Services
	MARINE HARDWARE CO	Cole Information Services
1991	Marine Hardware Co	Pacific Bell
1985	L A MARINE HARDWARE CO	Pacific Bell

FINDINGS

409 N BEACON ST

Year	Uses	Source
2004	JIM SOFTLEY	Cole Information Services

415 N BEACON ST

Year	Uses	Source
2009	D GOAN	Cole Information Services
2004	D GOAN	Cole Information Services
1999	D GOAN	Cole Information Services

419 N BEACON ST

Year	Uses	Source
2009	WILLIAM FLICKINGER	Cole Information Services
2004	WILLIAM FLICKINGER	Cole Information Services
1999	WILLIAM FLICKINGER	Cole Information Services

432 N BEACON ST

Year	Uses	Source
2009	MARTHA CASTILLO	Cole Information Services
2004	MARTHA CASTILLO	Cole Information Services
1999	MARTHA CASTILLO	Cole Information Services

501 N BEACON ST

Year	Uses	Source
1999	THRIFTY DRUG STORES	Cole Information Services

508 N BEACON ST

Year	Uses	Source
2004	RUBEN PEREYRA	Cole Information Services
2001	XXXX	Haines & Company, Inc.
1999	C-WORTHY SPECIALTIES	Cole Information Services
1994	INTERNATIONAL PAINT CO	Cole Information Services
	VECOM USA INC	Cole Information Services
	C WORTHY SPECIALTIES	Cole Information Services
1985	International Paint Co California Inc Southern California Division	Pacific Bell
	INTERNATIONAL PAINT CO CAUF INC LOS ANGELES DIV	Pacific Bell
	INTERNATIONAL PAINT CO CALIF INC LOS ANGELES DIV	Pacific Bell
1980	INTERNATIONAL PAINT CO CALIF INC LOS ANGELES DIV	Pacific Telephone

FINDINGS

Year	Uses	Source
1980	International Paint Co California Inc Southern California Division	Pacific Telephone
1975	International Paint Co California Inc Southern California Division	Pacific Telephone
1970	INTERNATIONAL PAINT CO CALIF INC SO CALIF DIV	Pacific Telephone
	SUMCO PRODUCTS AGCY	Pacific Telephone
1964	SUMCO PRODUCTS AGCY	Pacific Telephone
	SUMCO PRODUCTS AGCY	Pacific Telephone
1960	INTERNATL MARINE PAINT AGCY	Pacific Telephone
	INTERNATL MARINE PAINT AGCY	Pacific Telephone
	SUMCO PRODUCTS AGCY	Pacific Telephone
	SUMCO PRODUCTS AGCY	Pacific Telephone
1957	SUMCO PRODUCTS AGCY	Pacific Telephone
	SUMCO PRODUCTS AGCY	Pacific Telephone
	INTERNATI MARINE PAINT AGCY	Pacific Telephone
	INTERNATL MARINE PAINT AGCY	Pacific Telephone
1954	SUMCO PRODUCTS AGCY	R. L. Polk & Co.
	SUMCO PRODUCTS AGCY	R. L. Polk & Co.
	PEGG ARTHUR R INTERNATI MARINE PAINT AGCY	R. L. Polk & Co.
	INTERNATL MARINE PAINT AGCY	R. L. Polk & Co.
	INTERNATI MARINE PAINT AGCY	R. L. Polk & Co.
1950	SUMCO PRODUCTS AGCY	Pacific Telephone
	SUMCO PRODUCTS AGCY	Pacific Telephone
	PEGG ARTHUR R INTERNATL MARINE PAINT AGCY	Pacific Telephone
	INTERNATI MARINE PAINT AGCY	Pacific Telephone
	INTERNATL MARINE PAINT AGCY	Pacific Telephone

515 N BEACON ST

Year	Uses	Source
2014	CA RASSMUSSEN	Cole Information Services
2004	VINCENT CALTRANS BR	Cole Information Services
2001	XXXX	Haines & Company, Inc.
1985	Contractor Yards	Pacific Bell
	LOUISIANA PACIFIIC CORPORATION SOUTHERN CALIFORNIA DISTRIBUTION DIVISION	Pacific Bell
1980	LOUISIANA-PACIFIC CORPORATION	Pacific Telephone
	LOUISIANA-PACIFIC CORPORATION	Pacific Telephone

Year	Uses	Source
1976	WOOD E K LUMBER & SUPPLY CO	Pacific Telephone
1964	WOOD E K LUMBER & SUPPLY CO	Pacific Telephone
	WOOD E K LUMBER & SUPPLY CO	Pacific Telephone
1960	WOOD E K LUMBER & SUPPLY CO	Pacific Telephone

N HARBOR BLVD

134 N HARBOR BLVD

Year	Uses	Source
1957	CALDERA RUTH	Pacific Telephone
1954	CALDERA RUTH R	R. L. Polk & Co.
1950	CALDERA RUTH R	Pacific Telephone
1935	Soto V r	Los Angeles Directory Co.

139 N HARBOR BLVD

Year	Uses	Source
1950	GLICHRIST MARY R	Pacific Telephone

140 N HARBOR BLVD

Year	Uses	Source
2001	HIGAJim	Haines & Company, Inc.

145 N HARBOR BLVD

Year	Uses	Source
2004	DARIEL JOHNSON	Cole Information Services

200 N HARBOR BLVD

Year	Uses	Source
1991	Meritor Mortgage Corp West	Pacific Bell
1924	Moore Emmit clk r	Los Angeles Directory Co.
	Young Mens Christian Assn San Pedro Branch I W Larimore exe sec	Los Angeles Directory Co.

203 N HARBOR BLVD

Year	Uses	Source
2014	WEST MARINE	Cole Information Services
2009	SWIFT CLEARING INC	Cole Information Services
	ICON HEALTH CENTER	Cole Information Services
	WORLDPORT CREW CENTER INC	Cole Information Services
	HARBOR BEACON CHECK CASHING	Cole Information Services
	FARMERS INSURANCE GROUP	Cole Information Services

FINDINGS

Year	Uses	Source
2004	ROBERT RODRIGUEZ	Cole Information Services
	ETHELS DONUTS	Cole Information Services
	JOSE MOREIDA	Cole Information Services
	ELIZABETH NITKIEWICZ	Cole Information Services
	LARRY SCHNEIDER	Cole Information Services
	JAN LLOYD	Cole Information Services
	CHARLES HANSEN	Cole Information Services
	CATHY BEAUREGARD	Cole Information Services
	ALLISON MCDOUGALL	Cole Information Services
	CATHERINE CRUZ	Cole Information Services
	PINKY NEWBY	Cole Information Services
	ARCHIGA S PEDRO	Cole Information Services
	VIDA ETERNA BOOKS & GIFTS	Cole Information Services
	A & A LOGISTICS	Cole Information Services
	HARBOR BEACON CHECK CASHING	Cole Information Services
	MARINE WEST	Cole Information Services
2001	DONUTSHOP	Haines & Company, Inc.
1999	DONUT SHOP	Cole Information Services
	WESTERN UNION TO PICK UP OR SEND MONEY TRANSFERS	Cole Information Services
	PEDROS RESTAURANTS	Cole Information Services
	WEST MARINE	Cole Information Services
	WESTERN UNION TELEGRAM & MAILGRAM SERVICES	Cole Information Services
	MORRISSETTES DELI BASKET	Cole Information Services
1994	MORRISSETTES DELI BASKET	Cole Information Services
	ETHELS DO NUT SHOP	Cole Information Services
	WEST, MARINE	Cole Information Services
	WEST MARINE	Cole Information Services
	HARBOR BEACON CHECK CASHING	Cole Information Services
1981	SAN PEDRO FARMS GROCRS SAN PEDRO	Pacific Telephone
1954	LISTER NORINE RESTRNTS	R. L. Polk & Co.
1950	DAN S POULTRY	Pacific Telephone
	FARMERS MKT	Pacific Telephone
1929	Pacific Coast S S Co rl est	Los Angeles Directory Co.
1924	PACIFIC Coast Steamship Co Frank Greene agt	Los Angeles Directory Co.

FINDINGS

215 N HARBOR BLVD

Year	Uses	Source
1999	OCCUPANT UNKNOWN	Cole Information Services

222 N HARBOR BLVD

Year	Uses	Source
1924	Sieba Maria O r	Los Angeles Directory Co.

223 N HARBOR BLVD

Year	Uses	Source
2009	JACKSON HEWITT TAX SERVICES	Cole Information Services

233 N HARBOR BLVD

Year	Uses	Source
2014	SHEN YA JUAN	Cole Information Services
	JIMMY RAMIREZ STATE FARM INSURANCE	Cole Information Services
	YA SHEN	Cole Information Services
2009	PHONE CARDS ETC	Cole Information Services
	M BAGBY	Cole Information Services
	SAFARI HAIR STUDIO	Cole Information Services
	HARBOR SALON	Cole Information Services
2004	RECORDSSOURCEM INC	Cole Information Services
	BAGBY M A INSURANCE BROKERAGE	Cole Information Services
	HARBOR SALON	Cole Information Services
	M BAGBY	Cole Information Services
2001	CLASSIC CUT&COLOR	Haines & Company, Inc.
1999	HARBOR MARKET	Cole Information Services
	ENTERPRISE RENT A CAR SAN PEDRO	Cole Information Services
	M BAGBY	Cole Information Services
	ENTERPRISE RENT A CAR	Cole Information Services
	LIBRA VIDEO	Cole Information Services
1994	GOODRICH PROMOTION	Cole Information Services
	ENTERPRISE RENT A CAR	Cole Information Services
	GABRIEL VIDEO	Cole Information Services
	GOODRICH & ASSOC ARCHITECTS	Cole Information Services
	AUDIO VIDEO INTL	Cole Information Services
	HARBOR MARKET	Cole Information Services

FINDINGS

242 N HARBOR BLVD

Year	Uses	Source
1957	SILENCER MATTRESS & UPHLSTRNG CO	Pacific Telephone
1954	SPENCER MATTRESS & UPHLSTRUG CO	R. L. Polk & Co.
1950	SPENCER MATTRESS & UPHLSTRNG CO	Pacific Telephone
1935	Smith W H San Pedro Iron Wks	Los Angeles Directory Co.
	San Pedro Iron Works	Los Angeles Directory Co.
1929	San Pedro Launbch & Tow Boat Co E San Pedro. .1400	Los Angeles Directory Co.
	San Pedro Iron Works	Los Angeles Directory Co.

245 N HARBOR BLVD

Year	Uses	Source
1924	BROCK Jacob B rest	Los Angeles Directory Co.

250 N HARBOR BLVD

Year	Uses	Source
1980	PIC N SAVE	Pacific Telephone
1975	PIC N SAVE	Pacific Telephone
1966	MARKET BASKET STORES LA HABRA	Pacific Telephone

259 N HARBOR BLVD

Year	Uses	Source
2001	XXXX	Haines & Company, Inc.
1985	ADVANCE AUTO REPAIR	Pacific Bell
1935	Frenchys Motor Serv Ltd	Los Angeles Directory Co.
	Cascade Water Co	Los Angeles Directory Co.
	Mortland C G	Los Angeles Directory Co.
	La Chance	Los Angeles Directory Co.

300 N HARBOR BLVD

Year	Uses	Source
1995	T Shirt Mart	Pacific Bell
1966	BANK OF AMERICA N T & S A BRANCH OFFICES LOS ANGELESHABRA	Pacific Telephone

301 N HARBOR BLVD

Year	Uses	Source
1964	DEL MAR HOTEL	Pacific Telephone
1960	DEL MAR HOTEL	Pacific Telephone

FINDINGS

Year	Uses	Source
1957	DEL MAR HOTEL	Pacific Telephone
1954	DEL MAR HOTEL	R. L. Polk & Co.
1950	DEL MAR HOTEL	Pacific Telephone
1935	De Long F W Capt Outer Harbor <@San Pedro@2536	Los Angeles Directory Co.
	Del Mar Hotel	Los Angeles Directory Co.
	De Long Sport Fishing Co Ltd Outer Harbor <@San Pedro@2536	Los Angeles Directory Co.
1929	Tapia Tailoring & Dye Wks	Los Angeles Directory Co.
	Del Mar Hotel	Los Angeles Directory Co.
	Teaohout Stanley	Los Angeles Directory Co.
1924	BRENNEN Walter r	Los Angeles Directory Co.
	Grussie Chas P mgr The Del Mar h	Los Angeles Directory Co.
	HOTEL Del Mar	Los Angeles Directory Co.
	Jewell Barney M longshoremn h	Los Angeles Directory Co.
	Mc GEE Geo stevedore h	Los Angeles Directory Co.
	WALDMAN Chas r	Los Angeles Directory Co.
	WARREN Delphine E housekpr r	Los Angeles Directory Co.
	WHEELER Arthur J investigator Gibson Dunn & Crutcher r	Los Angeles Directory Co.

303 N HARBOR BLVD

Year	Uses	Source
1924	GREENE Fred W real est	Los Angeles Directory Co.

305 N HARBOR BLVD

Year	Uses	Source
2014	CREATIVE PET SUPPLY	Cole Information Services
	POHINA INC	Cole Information Services
	CREATIVE PET SUPPLY	Cole Information Services
	POHINA INC	Cole Information Services
2009	CREATIVE PET SUPPLY	Cole Information Services
	POHINA INC	Cole Information Services
	AQUARIUM GOURMET	Cole Information Services
	CREATIVE AQUATIC & PET SUPS	Cole Information Services
	BOB TALBOT PHOTOGRAPHY	Cole Information Services
	CREATIVE PET SUPPLY	Cole Information Services
	POHINA INC	Cole Information Services
	AQUARIUM GOURMET	Cole Information Services
	CREATIVE AQUATIC & PET SUPS	Cole Information Services

FINDINGS

Year	Uses	Source
2009	BOB TALBOT PHOTOGRAPHY	Cole Information Services
2004	AQUARIUM GOURMET	Cole Information Services
	TALBOT PRODUCTIONS	Cole Information Services
	CREATIVE AQUATIC & PET SUPS	Cole Information Services
	AQUARIUM GOURMET	Cole Information Services
	TALBOT PRODUCTIONS	Cole Information Services
	CREATIVE AQUATIC & PET SUPS	Cole Information Services
2001	POHINAINC	Haines & Company, Inc.
1999	SEA THE	Cole Information Services
	SEA THE	Cole Information Services
1994	SEA A MUSEUM LIKE SHOP	Cole Information Services
	SEA A MUSEUM LIKE SHOP	Cole Information Services
1985	THE SEA-A MUSEUM LIKE SHOP	Pacific Bell
	SEA THE	Pacific Bell
1950	DEL MAR CAFE	Pacific Telephone

307 N HARBOR BLVD

Year	Uses	Source
1975	POSTAL INSTANT PRESS	Pacific Telephone

308 N HARBOR BLVD

Year	Uses	Source
1950	GONZALES TOMASA H R	Pacific Telephone

310 N HARBOR BLVD

Year	Uses	Source
1935	Leistner Hugo r	Los Angeles Directory Co.

311 N HARBOR BLVD

Year	Uses	Source
2001	XXXX	Haines & Company, Inc.
1964	MASON HOTEL	Pacific Telephone
1960	MASON HOTEL	Pacific Telephone
1957	MASON HOTEL	Pacific Telephone
1954	MASON HOTE	R. L. Polk & Co.
1950	MASON HOTEL	Pacific Telephone
1924	Winnie L L r	Los Angeles Directory Co.
	WILSON Jos r	Los Angeles Directory Co.
	WILLIAMS J E r	Los Angeles Directory Co.
	WELLS J W r	Los Angeles Directory Co.

FINDINGS

Year	Uses	Source
1924	SULLIVAN R r	Los Angeles Directory Co.
	Skaros A G r	Los Angeles Directory Co.
	ANDERSON Russell longshoremn r	Los Angeles Directory Co.
	Belk Arthur r	Los Angeles Directory Co.
	CAMERON L r	Los Angeles Directory Co.
	DALTON Wm r	Los Angeles Directory Co.
	DECKER J r	Los Angeles Directory Co.
	DECKER Wm J h	Los Angeles Directory Co.
	ENGLISH Geo r	Los Angeles Directory Co.
	Hansen Arthur r	Los Angeles Directory Co.
	Judis R r	Los Angeles Directory Co.
	Linderman T A r	Los Angeles Directory Co.
	LLEWEILLYN Wm iron wkr r	Los Angeles Directory Co.
	Mason Hotel	Los Angeles Directory Co.
	Meara W J r	Los Angeles Directory Co.
	Miller Mart H r	Los Angeles Directory Co.
	Mulvaney Wm r	Los Angeles Directory Co.
	Nix J J r	Los Angeles Directory Co.
	REGAN Jos r	Los Angeles Directory Co.
	REGAN Patk r	Los Angeles Directory Co.
	HAYDEN C r	Los Angeles Directory Co.

320 N HARBOR BLVD

Year	Uses	Source
1980	GLENDALE FEDERAL SAVINGS BRANCH OFFICES S 1ST AVE ARCADIA	Pacific Telephone
1950	URRUTIA JOE L R	Pacific Telephone

331 N HARBOR BLVD

Year	Uses	Source
1995	La Habra Family Dental Center	Pacific Bell
	La Habra Family Vision Center	Pacific Bell
1980	MONTESSORI PRIMANTI SCHOOLS	Pacific Telephone
1975	MONTESSORI PRIMANTI SCHOOLS INC	Pacific Telephone
	WALKER & LEE RL EST LOS ANGELES COUNTY SALES OFFICES	Pacific Telephone

FINDINGS

351 N HARBOR BLVD

Year	Uses	Source
2001	XXXX	Haines & Company, Inc.

360 N HARBOR BLVD

Year	Uses	Source
1995	Image Makers	Pacific Bell

380 N HARBOR BLVD

Year	Uses	Source
1985	TAEKWONDO DEFENSE ACADEMY LA HABRA	Pacific Bell

402 N HARBOR BLVD

Year	Uses	Source
1935	Myers Bob Grocery	Los Angeles Directory Co.
1929	Cottage Grocery	Los Angeles Directory Co.

406 N HARBOR BLVD

Year	Uses	Source
1950	DE VASQUEZ JUANA P R	Pacific Telephone

407 N HARBOR BLVD

Year	Uses	Source
2014	PORT MEDICAL	Cole Information Services
	PORT MEDICAL	Cole Information Services
2004	TRUTANICH MICHEL ATTY LLP	Cole Information Services
	CARMEN TRUTANIC	Cole Information Services
	TRUTANICH MICHEL ATTY LLP	Cole Information Services
	CARMEN TRUTANIC	Cole Information Services
2001	MICHELCDATEY	Haines & Company, Inc.
1999	OCCUPANT UNKNOWN	Cole Information Services
	LITTLE FISHERMAN NO 2	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	LITTLE FISHERMAN NO 2	Cole Information Services
1994	LITTLE FISHERMAN	Cole Information Services
	LITTLE FISHERMAN	Cole Information Services
1985	LITTLE FISHERMAN	Pacific Bell
1980	CALIFORNIA STATE OF MOTOR VEHICLES DEPT OFFICE LOCATIONS	Pacific Telephone

FINDINGS

Year	Uses	Source
1975	CALIFORNIA STATE OF MOTOR VEHICLES DEPT DRIVERS LICENSES MOTOR VEHICLE REGI	Pacific Telephone

411 N HARBOR BLVD

Year	Uses	Source
2014	IN DEPTH IMAGING SOLUTIONS LLC	Cole Information Services
	CRUIKSHANK JOHN M CONSULTANTS	Cole Information Services
	FOREMENS JOINT LABOR RELATIONS COMM	Cole Information Services
	YORKTOWN INDUESTRIES INC	Cole Information Services
	OCEAN EXPRESS SHIPPING	Cole Information Services
	MCROBERTS MARITIME SECURITY	Cole Information Services
	EPD CONSULTANTS	Cole Information Services
	HONDO 500	Cole Information Services
2009	JOHN M CRUIKSHANK CONSULTANTS INC	Cole Information Services
	BHK CONSULTANTS INC	Cole Information Services
	INTERNATIONAL LONGSHORE WAREHOUSE LO	Cole Information Services
	FOREMENS JOINT LABOR RELATION COMMIT	Cole Information Services
	NORTH HARBOR PROPERTIES	Cole Information Services
	GUIDANCE CENTER SAN PEDRO T	Cole Information Services
	EPD CONSTRUCTION	Cole Information Services
2004	INTERNTIONAL LONGSHOR WHS U	Cole Information Services
	DTSONE CO	Cole Information Services
	ROBBY THONE	Cole Information Services
	FOREMANS UNION ILWU LOCAL	Cole Information Services
	NORTH HARBOR PROPERTIES LLC	Cole Information Services
	DIVERSIFIED TRNSPRTTN SRVC	Cole Information Services
2001	CLINICAL PRACTICE	Haines & Company, Inc.
1999	PANTALENA DAVID M	Cole Information Services
	KAISER INTERNATIONAL CORPORATION OFFICE	Cole Information Services
	DIVERSIFIED TRANSPORTATION SERVICES INCORPORATED	Cole Information Services
	DIVERSIFIED TRANSPORTATION INTERNATL	Cole Information Services
	MT CONSTRUCTION	Cole Information Services
	BEST MACHINERY MOVERS	Cole Information Services
	HOWELL KIRK CPA	Cole Information Services

FINDINGS

Year	Uses	Source
1994	ENVIRONMENTAL DIGEST	Cole Information Services
	DAVID M PANTALENA	Cole Information Services
	SPUR OF THE MOMENT	Cole Information Services

412 N HARBOR BLVD

Year	Uses	Source
1950	BUGARIN JOHN R	Pacific Telephone

414 N HARBOR BLVD

Year	Uses	Source
1950	HERNANDEZ PETE R	Pacific Telephone

418 N HARBOR BLVD

Year	Uses	Source
1950	TERRAZAS BLAZ R	Pacific Telephone

421 N HARBOR BLVD

Year	Uses	Source
1980	OLYMPIC RESTAURANT LOS ANGELES	Pacific Telephone

424 N HARBOR BLVD

Year	Uses	Source
1950	AGUIRRE JOSE R	Pacific Telephone

426 N HARBOR BLVD

Year	Uses	Source
1950	SOTO FRAN R	Pacific Telephone

431 N HARBOR BLVD

Year	Uses	Source
1975	GOODWILL INDUSTRIES OF LA HABRA LA HABRA	Pacific Telephone

435 N HARBOR BLVD

Year	Uses	Source
2014	SEABORN CANVAS	Cole Information Services
2009	DESIGNERS SPECIALTY LINEN	Cole Information Services
	ROLANDS VARIETY	Cole Information Services
	V & R SEAMANS CENTER	Cole Information Services
	DELTA REMITTANCE CO	Cole Information Services
	SEABORN CANVAS	Cole Information Services

FINDINGS

Year	Uses	Source
2004	C SEABORN	Cole Information Services
	V & R SEAMANS CTR	Cole Information Services
	CHAIR COVERS BY MARY GRACE	Cole Information Services
	LORENZO LORENZETTI	Cole Information Services
2001	SEABORN CANVAS	Haines & Company, Inc.
1999	UNIVERSE ELECTRONIC	Cole Information Services
1994	ACCUTEK FILLING EQUIPMENT	Cole Information Services
	APOSTOLIC ASSEMBLY	Cole Information Services
	CRUISE SHIP SVC & SUPPLY CORP	Cole Information Services
	UNIVERSE ELECTRONIC	Cole Information Services
	V & R SEAMAN CTR	Cole Information Services
	V&R SEAMAN CENTER	Cole Information Services

438 N HARBOR BLVD

Year	Uses	Source
1950	FELIX UBALDINA S R	Pacific Telephone
1935	Small W H r	Los Angeles Directory Co.

440 N HARBOR BLVD

Year	Uses	Source
1960	PRONTO MKT NO 4 LA HABRA	Pacific Telephone

451 N HARBOR BLVD

Year	Uses	Source
1975	LOS ANGELESHABRA CYCLERY BYCLS LA HABRA	Pacific Telephone

501 N HARBOR BLVD

Year	Uses	Source
2009	UNIVERSE ELECTRONIC	Cole Information Services
1975	ANDY JONES AGCY INS LA HABRA	Pacific Telephone
	JONES ANDY AGGY INS LA HABRA	Pacific Telephone

509 N HARBOR BLVD

Year	Uses	Source
1975	ESE CALIFORNIA LA HABRA	Pacific Telephone

511 N HARBOR BLVD

Year	Uses	Source
2009	GRINDER RESTAURANT CORP	Cole Information Services
2004	GRINDER RESTAURANT CORP	Cole Information Services

FINDINGS

525 N HARBOR BLVD

Year	Uses	Source
2014	CAPTAIN KIRK INC	Cole Information Services
	O D T VIDEOS	Cole Information Services
2009	CAPTAIN KIRKS INC	Cole Information Services
	NAUTICAL X INC	Cole Information Services
	THE TRAVELERS CHOICE	Cole Information Services
	O D T VIDEOS INC	Cole Information Services
	ODT INC	Cole Information Services
2004	HOLLY BROOKS	Cole Information Services
	CAPTAIN KIRKS WINDSURFING	Cole Information Services
	ODT VIDEO INC	Cole Information Services
2001	CAPTAIN KIRKS	Haines & Company, Inc.
1999	O D T VIDEOS	Cole Information Services
	CAPTAIN KIRKS WINDSURFING	Cole Information Services
	CUSTOM CANVAS OF SAN PEDRO	Cole Information Services
1994	ODT VIDEOS	Cole Information Services
	SAN PEDRO SAIL BOARDS	Cole Information Services
	CUSTOM CANVAS OF SAN PEDRO	Cole Information Services
1985	MARIA S DRAPERIES	Pacific Bell
	TRADER RIX EXOTIC GIFTS	Pacific Bell
	CARTOON JUNCTION	Pacific Bell
1950	SUNSET SERV	Pacific Telephone

529 N HARBOR BLVD

Year	Uses	Source
1980	DLSON FOREST E INC REALTORS	Pacific Telephone

139B N HARBOR BLVD

Year	Uses	Source
1954	SEBASTIAN CENON R R	R. L. Polk & Co.
1950	SEBASTIAN CENON R R	Pacific Telephone

139C N HARBOR BLVD

Year	Uses	Source
1954	RAGUDO FELIPE R	R. L. Polk & Co.
1950	RAGUDO FELIPE R	Pacific Telephone

FINDINGS

N HARBOR VIEW AVE

309 N HARBOR VIEW AVE

Year	Uses	Source
2014	ANASTACIO QUINTANA	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	M CAHLA	Cole Information Services
1994	ALLAN, KIM	Cole Information Services
	RAMSAY, JONI B	Cole Information Services

N PALOS VERDES ST

300 N PALOS VERDES ST

Year	Uses	Source
2014	RICHARD VICENCIO	Cole Information Services

302 N PALOS VERDES ST

Year	Uses	Source
2014	ESMERALDA GUERRERO	Cole Information Services
2009	ANDRE BELL	Cole Information Services
1999	ANDRE BELL	Cole Information Services

304 N PALOS VERDES ST

Year	Uses	Source
2014	HIRMA SUAREZ	Cole Information Services
2009	HIRMA SUAREZ	Cole Information Services
1999	HIRMA SUAREZ	Cole Information Services

306 N PALOS VERDES ST

Year	Uses	Source
2014	JOSE SIXTOS	Cole Information Services
2009	JOSE SIXTOS	Cole Information Services
1999	JOSE SIXTOS	Cole Information Services

308 N PALOS VERDES ST

Year	Uses	Source
2014	TIMOTHY WALLACE	Cole Information Services
	WALLACE VIVIAN	Cole Information Services
1985	BLANCHETT MAXIE	Pacific Bell
1980	BLANCHETT MAXIE	Pacific Telephone

FINDINGS

Year	Uses	Source
1964	CHANDLER MANNIE	Pacific Telephone
1960	CHANDLER MANNIE	Pacific Telephone
1924	Prigel Jos junk h	Los Angeles Directory Co.
	Priegel Jas San Pedro Iron & Metal Co r	Los Angeles Directory Co.

310 N PALOS VERDES ST

Year	Uses	Source
2014	GABINO MOJICA	Cole Information Services
2009	JULISSA MOJICA	Cole Information Services
1999	JULISSA MOJICA	Cole Information Services

311 N PALOS VERDES ST

Year	Uses	Source
2014	RONALD BANUELOS	Cole Information Services
	JUAN JOSE	Cole Information Services
2009	VERONICA ARVIZO	Cole Information Services
	ELIZABETH JIMENEZ	Cole Information Services
	LINO BANUELOS	Cole Information Services
2004	VERONICA ARVIZO	Cole Information Services
	LINO BANUELOS	Cole Information Services
2001	BANUELOSLmo	Haines & Company, Inc.
1999	VERONICA ARVIZO	Cole Information Services
	ELIZABETH JIMENEZ	Cole Information Services
	LINO BANUELOS	Cole Information Services
1970	BALLESTEROS HECTOR	Pacific Telephone
1964	ABARCA ANA M	Pacific Telephone
	MAGDALENO EVE	Pacific Telephone
1954	ABARCA ANA B	R. L. Polk & Co.
1950	SERRATO ERNESTINE B R	Pacific Telephone
1924	Runnells Nancy tailor r	Los Angeles Directory Co.

312 N PALOS VERDES ST

Year	Uses	Source
2014	GARY WOLF	Cole Information Services
2009	GARY WOLF	Cole Information Services
1999	GARY WOLF	Cole Information Services

313 N PALOS VERDES ST

Year	Uses	Source
2004	OCCUPANT UNKNOWN	Cole Information Services

FINDINGS

Year	Uses	Source
2001	XXXX	Haines & Company, Inc.
1985	MORALES FERNANDO G	Pacific Bell
1980	LOPEZ LAU	Pacific Telephone
1975	NUNEZ FRANCISCO	Pacific Telephone
1970	NUNEZ FRANCISCO	Pacific Telephone
1964	NUNEZ FRANCISCO	Pacific Telephone

314 N PALOS VERDES ST

Year	Uses	Source
2014	ROSA VEGA	Cole Information Services
2009	ROSA VEGA	Cole Information Services
1999	ROSA VEGA	Cole Information Services

315 N PALOS VERDES ST

Year	Uses	Source
2014	SALVADOR LLAMAS	Cole Information Services
2009	SALVADOR LLAMAS	Cole Information Services
2004	SALVADOR LLAMAS	Cole Information Services
2001	LLAMASSalvador	Haines & Company, Inc.
1999	SALVADOR LLAMAS	Cole Information Services
1994	LLAMAS, S	Cole Information Services
1985	LEWIS CHARLENE R	Pacific Bell
1980	COOK B	Pacific Telephone
1970	ASHFORD GERALD L	Pacific Telephone

316 N PALOS VERDES ST

Year	Uses	Source
2014	MARTIN SANCHEZ	Cole Information Services
2009	MARTIN SANCHEZ	Cole Information Services
1999	MARTIN SANCHEZ	Cole Information Services

318 N PALOS VERDES ST

Year	Uses	Source
2014	CASSANDRA TORRES	Cole Information Services
2009	CASSANDRA TORRES	Cole Information Services
1999	CASSANDRA TORRES	Cole Information Services
1964	ROBINSON JAMES SFC	Pacific Telephone
1960	HARRIS FRED SR	Pacific Telephone

FINDINGS

319 N PALOS VERDES ST

Year	Uses	Source
2014	MARTIN VENEGAS	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
1964	BUSH CAREY	Pacific Telephone
	BUSH CATHRYN	Pacific Telephone
1960	FERRETTE DOROTHY	Pacific Telephone
	PARSONS THELMA E	Pacific Telephone
1957	FERRETTE DOROTHY	Pacific Telephone
	PARSONS THELMA E	Pacific Telephone
1954	GAMNBLE EDDI	R. L. Polk & Co.
	CHAPPEL VALLIE LEE IMRS	R. L. Polk & Co.
1950	CHAPPEL CHAS L REV R	Pacific Telephone
1924	Envoldsen Karl Envoldsen Bros h	Los Angeles Directory Co.

320 N PALOS VERDES ST

Year	Uses	Source
2014	EDGAR RUANO	Cole Information Services
2009	EDGAR RUANO	Cole Information Services
1999	EDGAR RUANO	Cole Information Services

322 N PALOS VERDES ST

Year	Uses	Source
2014	PEDRO RUIZ	Cole Information Services
2009	PEDRO RUIZ	Cole Information Services
1999	PEDRO RUIZ	Cole Information Services

324 N PALOS VERDES ST

Year	Uses	Source
2014	AARON ATLAS	Cole Information Services
2009	MARLYN BLAND	Cole Information Services
2001	XXXX	Haines & Company, Inc.
1999	MARLYN BLAND	Cole Information Services
1985	PEREZ CORNEIIO	Pacific Bell
1980	MCMAHAN CELESTE	Pacific Telephone
	GRAY CLIFFORD D	Pacific Telephone
	DAVIS ROBT LEE	Pacific Telephone
1975	JACKSON ALVA D	Pacific Telephone
	MCMAHAN CELESTE	Pacific Telephone

FINDINGS

Year	Uses	Source
1970	MCMAHAN CELESTE	Pacific Telephone
	JACKSON ALVA D	Pacific Telephone
1964	BLAKE BLANCHE	Pacific Telephone
	BLAKE GEO JR	Pacific Telephone
	BLUE JAS LEE	Pacific Telephone
	BLUE MAUDE E	Pacific Telephone
	FORD BOBBY J	Pacific Telephone
	LESURE BEVERLY A	Pacific Telephone
	LESURE LAWRENCE L	Pacific Telephone
1960	BENARD WILFORD MRS	Pacific Telephone
	LESURE L C	Pacific Telephone
	WATSON JEANNETTE	Pacific Telephone
	WATSON WOODLY	Pacific Telephone
1950	PRIEGEL JOE SAN PEDRO STEEL & PIPE CO	Pacific Telephone
	SAN PEDRO STEEL & PIPE CO	Pacific Telephone
1935	Priegel Joe junk	Los Angeles Directory Co.
	San Pedro Ofc	Los Angeles Directory Co.
1924	GEORGE Sidney h	Los Angeles Directory Co.

325 N PALOS VERDES ST

Year	Uses	Source
2014	MARIO DELAPENA	Cole Information Services
	MARIA VILLEGAS	Cole Information Services
2009	FIDEL DOMINGUEZ	Cole Information Services
2004	FIDEL DOMINGUEZ	Cole Information Services
2001	SDOMINGUEZFidei C	Haines & Company, Inc.
1999	FIDEL DOMINGUEZ	Cole Information Services
1994	DOMINGUEZ, FIDEL C	Cole Information Services
1975	FERNANDEZ FRANCISCO	Pacific Telephone
1970	ROMERO AURELIO	Pacific Telephone
1964	VILLESCAS RICHARD	Pacific Telephone
1960	GALLEGOS FEDRICO	Pacific Telephone
1954	RAQUINIO STEVE	R. L. Polk & Co.
1950	MAGA J MRS R	Pacific Telephone
1935	Maga J Mrs r	Los Angeles Directory Co.
1924	Maga Jas h	Los Angeles Directory Co.
	Maga Jos J r	Los Angeles Directory Co.

FINDINGS

326 N PALOS VERDES ST

Year	Uses	Source
2014	HECTOR VALDEZ	Cole Information Services
2009	HECTOR VALDEZ	Cole Information Services
2004	MEDIA ONE OF SO CAL	Cole Information Services
1999	HECTOR VALDEZ	Cole Information Services

327 N PALOS VERDES ST

Year	Uses	Source
2014	DANIEL DURATE	Cole Information Services
2009	DAVID DUARTE	Cole Information Services
2004	DAVID DUARTE	Cole Information Services
2001	SUARTEEIva	Haines & Company, Inc.
1999	DAVID DUARTE	Cole Information Services
1985	ORNELAS EVANGELINA	Pacific Bell
1980	ORNELAS EVANGELINA	Pacific Telephone
1954	ORO ANTONIO J	R. L. Polk & Co.
1950	JOHNSON EUGENE L R	Pacific Telephone
1924	NELSON Fred boilermkr h	Los Angeles Directory Co.

328 N PALOS VERDES ST

Year	Uses	Source
2014	SALUD TRUJILLO	Cole Information Services
2009	PABLO TRUJILLO	Cole Information Services
1999	PABLO TRUJILLO	Cole Information Services

330 N PALOS VERDES ST

Year	Uses	Source
2014	DEISY MANCIA	Cole Information Services
2009	DEISY MANCIA	Cole Information Services
1999	DEISY MANCIA	Cole Information Services

332 N PALOS VERDES ST

Year	Uses	Source
2001	XXXX	Haines & Company, Inc.
1975	PALACOL CHRIS P	Pacific Telephone
1950	JONES IRENE R	Pacific Telephone

334 N PALOS VERDES ST

Year	Uses	Source
2001	XXXX	Haines & Company, Inc.

FINDINGS

Year	Uses	Source
1960	QUITIQUIT MAX	Pacific Telephone
1957	Q QUITIQUIT MAX	Pacific Telephone
1954	QUITIQUIT MAX R	R. L. Polk & Co.
1950	QUITIQIUIT MAX R	Pacific Telephone

335 N PALOS VERDES ST

Year	Uses	Source
2014	EDWARD ANGELO	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2004	ROBERT ANGULO	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2001	ANGELORsbert	Haines & Company, Inc.
1960	NISHIMINE KENRO	Pacific Telephone
1957	NWSHIMINE KENRO	Pacific Telephone
1954	NISHIMINE JANGO R	R. L. Polk & Co.
1935	Hansen William R r	Los Angeles Directory Co.

336 N PALOS VERDES ST

Year	Uses	Source
2001	XXXX	Haines & Company, Inc.
1985	LLAMAS SALVADOR	Pacific Bell
1980	HAMILTON THOS	Pacific Telephone

338 N PALOS VERDES ST

Year	Uses	Source
1970	QUITIQUIT FLORENCE	Pacific Telephone
	QUITIQULT MAX	Pacific Telephone
1964	QUITIQUIT FLORENCE	Pacific Telephone
	QUITIQUIT MAX	Pacific Telephone

341 N PALOS VERDES ST

Year	Uses	Source
2014	FRANK GARCIA	Cole Information Services
2009	CYNTHIA GARRIA	Cole Information Services
2001	MONTANOPaul	Haines & Company, Inc.
1999	CYNTHIA GARRIA	Cole Information Services
1980	MONTANO PAUL R	Pacific Telephone
	MONTANO CYNTHIA	Pacific Telephone
1975	MONTANO PAUL R	Pacific Telephone

FINDINGS

Year	Uses	Source
1970	MONTANO PAUL R	Pacific Telephone
1960	SMITH W H MRS	Pacific Telephone
1957	SMITH W H MRS	Pacific Telephone
1954	SMITH W H MRS R	R. L. Polk & Co.
1950	SMITH W H R	Pacific Telephone
1935	Smith W H r	Los Angeles Directory Co.
1924	MORGAN Josephine steno r	Los Angeles Directory Co.

400 N PALOS VERDES ST

Year	Uses	Source
2009	ADOLFO JIMENEZ	Cole Information Services
2001	SNUNEZJose	Haines & Company, Inc.
1999	ADOLFO JIMENEZ	Cole Information Services
1994	BARELA, FRANK M	Cole Information Services
1985	BARELA FRANK M	Pacific Bell
1980	BARELA FRANK M	Pacific Telephone
1975	BARELA FRANK M	Pacific Telephone
1970	HARTMAN AUDREY	Pacific Telephone
1960	CLARKE JOS A	Pacific Telephone
1957	CASIACHO RUBENF	Pacific Telephone
1950	KTARRN JOHN S R	Pacific Telephone

402 N PALOS VERDES ST

Year	Uses	Source
2014	ISRAEL GONZALEZ	Cole Information Services
2009	JEANETTE RABAQO	Cole Information Services
2001	GONZALEZBIanc O	Haines & Company, Inc.
1999	OCCUPANT UNKNOWN	Cole Information Services
	JEANETTE RABAQO	Cole Information Services
1970	LOUGHRY HOWARD D JR	Pacific Telephone
1960	KING MICHAEL	Pacific Telephone
1954	WILCOX C V R	R. L. Polk & Co.
1950	WIICOX C VR	Pacific Telephone

403 N PALOS VERDES ST

Year	Uses	Source
2014	FRANCISCO DELGADO	Cole Information Services
2009	OSCAR HERNANDEZ	Cole Information Services
2004	MARIA ESPARZA	Cole Information Services

FINDINGS

Year	Uses	Source
2001	ESPARZAMaria	Haines & Company, Inc.
1999	OSCAR HERNANDEZ	Cole Information Services
1964	PARRA MANUEL R	Pacific Telephone

404 N PALOS VERDES ST

Year	Uses	Source
2014	ISRAEL GONZALES	Cole Information Services
2009	ISRAEL GONZALES	Cole Information Services
2004	ISRAEL GONZALEZ	Cole Information Services
2001	GONZALEZIsrael L	Haines & Company, Inc.
1999	OCCUPANT UNKNOWN	Cole Information Services
	ISRAEL GONZALES	Cole Information Services
1994	PEREZ, BEATRIZ	Cole Information Services
1950	ANTOLOS JOS R	Pacific Telephone

405 N PALOS VERDES ST

Year	Uses	Source
2014	FRANCISCO ESCOBEDO	Cole Information Services
2009	JOSE CORTES	Cole Information Services
2004	STEVEN LAW	Cole Information Services
	JOSE CORTES	Cole Information Services
2001	CORTESJose Nellall	Haines & Company, Inc.
1999	OCCUPANT UNKNOWN	Cole Information Services
	JOSE CORTES	Cole Information Services
1985	TORRES LARRY & SHIRLEY	Pacific Bell
1975	BRUCELAS JOE	Pacific Telephone
1970	BRUCELAS JOE	Pacific Telephone
1954	ERO EMEDIO R	R. L. Polk & Co.
1950	CASSIS MARY R	Pacific Telephone
	HALL GEO R	Pacific Telephone
1935	Cassis Jim r	Los Angeles Directory Co.
1924	Cassis Jas h	Los Angeles Directory Co.
	Mussatti Tony r	Los Angeles Directory Co.

406 N PALOS VERDES ST

Year	Uses	Source
2014	OCCUPANT UNKNOWN	Cole Information Services
2009	AFFORDACOM TELECOM COMMUNICATION	Cole Information Services
	TONY CANCHOLA	Cole Information Services

FINDINGS

Year	Uses	Source
2004	TONY CANCHOLA	Cole Information Services
2001	SEVILLAEduardo	Haines & Company, Inc.
	SEVILLAJesus	Haines & Company, Inc.
1999	TONY CANCHOLA	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1985	CASTANEDA PORFIRIO	Pacific Bell
1980	CASTANEDA PORFIRIO	Pacific Telephone
1957	SUNIKA VINCE	Pacific Telephone
1954	ROMERO SANTOS R	R. L. Polk & Co.

407 N PALOS VERDES ST

Year	Uses	Source
2014	SANTOS PEREZ	Cole Information Services
2009	MARC SADLER	Cole Information Services
2004	PAL SANG	Cole Information Services
2001	XXXX	Haines & Company, Inc.
1999	OCCUPANT UNKNOWN	Cole Information Services
	MARC SADLER	Cole Information Services
1970	TOMPONG ISIDRO	Pacific Telephone
1960	TOMPONG ISIDRO	Pacific Telephone
1957	TOMPONG ISIDRO	Pacific Telephone
1954	GALAPON NORBERTO C R	R. L. Polk & Co.
1950	PHELPS FLORENCE R	Pacific Telephone

408 N PALOS VERDES ST

Year	Uses	Source
2014	ALEJANDRO ZAVALA	Cole Information Services
2009	AES PLUMBING	Cole Information Services
	EDUARDO SEVILLA	Cole Information Services
2004	EDUARDO SEVILLA	Cole Information Services
	EDUARDO SEVILLA	Cole Information Services
1999	EDUARDO SEVILLA	Cole Information Services
1980	LOPEZ TERESA	Pacific Telephone
1970	ANTOLOS BOROS	Pacific Telephone
1960	CIMINO JERRY	Pacific Telephone
1957	CIMINO JERRY	Pacific Telephone
1950	DANZIS SIDNEY W R	Pacific Telephone

FINDINGS

410 N PALOS VERDES ST

Year	Uses	Source
2014	JASON HUNTER	Cole Information Services
2009	RICARDO GOMEZ	Cole Information Services
2004	RICARDO GOMEZ	Cole Information Services
1999	RICARDO GOMEZ	Cole Information Services
1970	SUNJKA J	Pacific Telephone
1960	SUNIKA J	Pacific Telephone
1957	SUNJKA J	Pacific Telephone
1954	SUINJKA J R	R. L. Polk & Co.

412 N PALOS VERDES ST

Year	Uses	Source
2009	ARTRO HERNANDEZ	Cole Information Services
2004	MARC WRIGHT	Cole Information Services
2001	SWRIGHTMarc	Haines & Company, Inc.
1999	ARTRO HERNANDEZ	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1964	GRGAS VINCENT	Pacific Telephone
1960	GRGAS VINCENT	Pacific Telephone
1950	YONKO MARY V R	Pacific Telephone

414 N PALOS VERDES ST

Year	Uses	Source
2014	LEONARDO HERNANDEZ	Cole Information Services
2009	EFRAIN QUEZADA	Cole Information Services
2004	EFRAIN QUEZADA	Cole Information Services
2001	XXXX	Haines & Company, Inc.
1999	EFRAIN QUEZADA	Cole Information Services
1970	ECHAVE CARLOS	Pacific Telephone
1964	ALVAREZ JERRY V	Pacific Telephone
1960	LUERA GLORIA	Pacific Telephone
1957	LUERA EDW R	Pacific Telephone
1954	CARSON DRENNEN E	R. L. Polk & Co.
1950	KISNER LOUIS R	Pacific Telephone

416 N PALOS VERDES ST

Year	Uses	Source
2014	T HERNANDEZ	Cole Information Services
2001	XXXX	Haines & Company, Inc.

FINDINGS

Year	Uses	Source
1999	OCCUPANT UNKNOWN	Cole Information Services
1994	CAMPOS, EDGAR I	Cole Information Services
1985	SAUERS JAMES C	Pacific Bell
1960	MARQUEZ AGUSTIN A	Pacific Telephone
1954	FIGARELLI L MRS	R. L. Polk & Co.
1950	BARONCINI MARY	Pacific Telephone

417 N PALOS VERDES ST

Year	Uses	Source
2014	GABRIELA VILCHES	Cole Information Services
	PAULA HERNANDEZ	Cole Information Services
	SANDRA VAZQUEZ	Cole Information Services
	OLIVIA CISNEROS	Cole Information Services
	JOSE GONZALEZ	Cole Information Services
	MELODY PERKINS	Cole Information Services
	ANDREA SERRAO	Cole Information Services
2009	HENRY CASTRO	Cole Information Services
	CANDIDO GARCIA	Cole Information Services
	MANUEL PAEZ	Cole Information Services
	SANDRA VAZQUEZ	Cole Information Services
	JUAN ZAMUDIO	Cole Information Services
	K GAMO	Cole Information Services
	C GANDARA	Cole Information Services
	ROBERTO DIAZ	Cole Information Services
	GABRIELA VILCHES	Cole Information Services
	VERONICA ARENAS	Cole Information Services
2004	K GAMO	Cole Information Services
	JUAN ZAMUDIO	Cole Information Services
	NANCY MARTINEZ	Cole Information Services
	CANDIDO GARCIA	Cole Information Services
	NORA OLEA	Cole Information Services
	REY PEREZ	Cole Information Services
	MARIA DEJESUS	Cole Information Services
	MIGUEL PEREZ	Cole Information Services
	C LOPEZ	Cole Information Services
	MANUEL LIZARRAGA	Cole Information Services
	CATALINA TEJEDA	Cole Information Services
	ROBERTO DIAZ	Cole Information Services
	JOHN HRUNTAS	Cole Information Services

FINDINGS

Year	Uses	Source
2001	APARTMENTS CABREJOLaura	Haines & Company, Inc.
	SALVAREZHe Imimo	Haines & Company, Inc.
	APARTMENTS CABREJOLaura	Haines & Company, Inc.
1999	SANDRA VAZQUEZ	Cole Information Services
	ROBERTO DIAZ	Cole Information Services
	JUAN ZAMUDIO	Cole Information Services
	K GAMO	Cole Information Services
	MANUEL PAEZ	Cole Information Services
	VERONICA ARENAS	Cole Information Services
	C GANDARA	Cole Information Services
	HENRY CASTRO	Cole Information Services
	CANDIDO GARCIA	Cole Information Services
	GABRIELA VILCHES	Cole Information Services
1994	AJNAEL, CARLOS V	Cole Information Services
	GARCIA, ELENA	Cole Information Services
	ORTIZ, ARTEMIO	Cole Information Services
1985	AJNAEL CARLOS V	Pacific Bell
	LLAMAS ROSA	Pacific Bell
	LOBOS SYLVIA	Pacific Bell
	MACIAS ALICIA	Pacific Bell
1980	AGUILAR BENJAMIN	Pacific Telephone
	GONZALEZ RAMON RUIZ	Pacific Telephone
	ILLAN JUAN G	Pacific Telephone
1975	GONZALES RICARDO	Pacific Telephone
	GONZALEZ LUIS ROLANDO	Pacific Telephone
	MAES E J	Pacific Telephone
	PESCUA LEO	Pacific Telephone
1970	DURR HENRY E JR	Pacific Telephone
	FLORES ESTEBAN C	Pacific Telephone
	ORTIZ J L	Pacific Telephone
	PESCUA LED	Pacific Telephone
	SPANGLER KENNETH	Pacific Telephone
1964	BAER RALPH	Pacific Telephone
	ORTIZ J L	Pacific Telephone
1960	HOTEL V	Pacific Telephone
	PASCUA LEO D	Pacific Telephone
1957	DYE WM W	Pacific Telephone
	PASCUA LEO D	Pacific Telephone

FINDINGS

Year	Uses	Source
1957	HOTEL V	Pacific Telephone
1954	DYEWM W	R. L. Polk & Co.
	HOTEL V	R. L. Polk & Co.
	PDSCUA LEO D	R. L. Polk & Co.
1950	HOTEL V	Pacific Telephone
	PASCUA LEO 0 R	Pacific Telephone
1935	Hillcrest Hotel	Los Angeles Directory Co.

418 N PALOS VERDES ST

Year	Uses	Source
2014	RAMIREZ SUSANA	Cole Information Services
2009	EVA MOREIDA	Cole Information Services
	VIOLETA RAMIREZ	Cole Information Services
	JORGE CERVANTES	Cole Information Services
	HERIBERTO PACHECO	Cole Information Services
2004	VIOLETA RAMIREZ	Cole Information Services
1999	HERIBERTO PACHECO	Cole Information Services
	JORGE CERVANTES	Cole Information Services
	VIOLETA RAMIREZ	Cole Information Services
	EVA MOREIDA	Cole Information Services
1980	CHAIREZ JESSIE	Pacific Telephone
1964	GONZALEZ GLORIA	Pacific Telephone
	GONZALEZ NICK	Pacific Telephone
1960	CHAVEZ EMILIO V	Pacific Telephone

420 N PALOS VERDES ST

Year	Uses	Source
2014	EPIFANIO LOMELI	Cole Information Services
2009	EPIFANIO LOMELI	Cole Information Services
2004	EPIFANIO LOMELI	Cole Information Services
1999	EPIFANIO LOMELI	Cole Information Services
1994	LOMELI, E L	Cole Information Services
1985	MONTEZ ARNOLFO	Pacific Bell
1980	MONTEZ ARNOLFO	Pacific Telephone
1970	LINARES JORGE	Pacific Telephone
1964	HERRERA ENRIQUE	Pacific Telephone
1960	ERICKSON RAYMOND M	Pacific Telephone
1954	BECKERING FRANK	R. L. Polk & Co.
1950	WOMMACK EDW F R	Pacific Telephone

FINDINGS

422 N PALOS VERDES ST

Year	Uses	Source
2014	OCCUPANT UNKNOWN	Cole Information Services
	ALVAREZ SALVADOR	Cole Information Services
2009	ANTHONY CANCHOLA	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2004	JAMES TURNER	Cole Information Services
1999	ANTHONY CANCHOLA	Cole Information Services
1994	SCHEMELIA, LEE A	Cole Information Services
1985	OLMOS JOSEFINA A	Pacific Bell
	LOPEZ MARIO	Pacific Bell
1975	HENAO CAMILO	Pacific Telephone
1970	OMECTIN CONRAD JR	Pacific Telephone
1964	GONZALES PABLO	Pacific Telephone
1954	HARALSON CARL C SR R	R. L. Polk & Co.
1950	HARALSON CARL C SR R	Pacific Telephone

424 N PALOS VERDES ST

Year	Uses	Source
2014	MARIA OLGUIN	Cole Information Services
2009	MARTHA WILLIAMS	Cole Information Services
2004	YESENIA OLGUIN	Cole Information Services
1999	MARTHA WILLIAMS	Cole Information Services
1994	LEAL, JESSE O	Cole Information Services
1985	LEAL JESSE OLGUIN	Pacific Bell
1975	GARCIA PEDRO	Pacific Telephone
1964	BABAYCO T	Pacific Telephone
1960	BABAYCO T	Pacific Telephone
1957	BABAYCO T	Pacific Telephone
1954	BABAYCO T R	R. L. Polk & Co.
1950	BUSHER VINSON M R	Pacific Telephone

426 N PALOS VERDES ST

Year	Uses	Source
2014	VIOLETA RAMIREZ	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2004	ROBERT BEERS	Cole Information Services
1999	V CAMACHO	Cole Information Services
1994	CAMACHO, MARIANO	Cole Information Services
1960	RIVAS MANUEL	Pacific Telephone

FINDINGS

Year	Uses	Source
1957	NOLAN LAURA A	Pacific Telephone
1954	JORDAN MARSHALL C	R. L. Polk & Co.
1950	WATSON RETIA GR	Pacific Telephone

428 N PALOS VERDES ST

Year	Uses	Source
2014	RAFAEL GUERRA	Cole Information Services
2009	RAFAEL GUERRA	Cole Information Services
1999	RAFAEL GUERRA	Cole Information Services
1985	CAMACHO MARIANO	Pacific Bell
1980	CAMACHO RAFAEL	Pacific Telephone
1975	NAVA MAURITIA	Pacific Telephone
1964	ARMIJO VIRGINIA	Pacific Telephone
	ARMIJO JERRY	Pacific Telephone
1960	GARCIA LILLIAN M	Pacific Telephone

430 N PALOS VERDES ST

Year	Uses	Source
2014	OCCUPANT UNKNOWN	Cole Information Services
	SANDRA DEDIOS	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
	PATRICIA SANCHEZ	Cole Information Services
2004	ANGELICA RUIZ	Cole Information Services
1999	PATRICIA SANCHEZ	Cole Information Services
1980	FIERRO FAUSLINO	Pacific Telephone
1970	OCAMPO GILBERT	Pacific Telephone
1950	SOFFER DAVID RR	Pacific Telephone

431 N PALOS VERDES ST

Year	Uses	Source
2009	KEVEN GRAY	Cole Information Services
	ELENA GARCIA	Cole Information Services
2004	JOSE RAMIREZ	Cole Information Services
	KATHRYN SANCHEZ	Cole Information Services
1999	ELENA GARCIA	Cole Information Services
	KEVEN GRAY	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1994	ORNELAS, CORINNE	Cole Information Services
1985	ORNELAS CORINNE MRS	Pacific Bell

FINDINGS

Year	Uses	Source
1957	PEREZ RAY	Pacific Telephone
1954	PEREZ EDW E MRS R	R. L. Polk & Co.
1950	PEREZ EDW E MRS R	Pacific Telephone

432 N PALOS VERDES ST

Year	Uses	Source
2014	YADI FLORES	Cole Information Services
	AMELIA ALVAREZ	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
	VIDAL ALVAREZ	Cole Information Services
2004	ROTANE NICHOLSON	Cole Information Services
	VIDAL ALVAREZ	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1999	VIDAL ALVAREZ	Cole Information Services
1975	LAMUG BETTY	Pacific Telephone
1970	LAMUG BETTY	Pacific Telephone
1964	LAMUG BETTY	Pacific Telephone
1960	WOLVERTON DONALD P	Pacific Telephone
1957	OSTER CELESTA	Pacific Telephone
1954	FOSTER CELESTA R	R. L. Polk & Co.
1950	PACHECO FELIX E R	Pacific Telephone

433 N PALOS VERDES ST

Year	Uses	Source
2009	ALFREDO LOPEZ	Cole Information Services
2004	ALFREDO LOPEZ	Cole Information Services
1999	ALFREDO LOPEZ	Cole Information Services
1975	MILLER R	Pacific Telephone
1960	PEREZ RAY	Pacific Telephone

434 N PALOS VERDES ST

Year	Uses	Source
2014	OCCUPANT UNKNOWN	Cole Information Services
2009	GENESIS CORREA	Cole Information Services
2004	SANDRA TRUJILLO	Cole Information Services
1999	GENESIS CORREA	Cole Information Services
1980	BANUELOS RAMIRO C	Pacific Telephone
1964	DI SCALA MICHELE	Pacific Telephone
1954	COURTEAU ADEL J	R. L. Polk & Co.

FINDINGS

436 N PALOS VERDES ST

Year	Uses	Source
2014	URIEL MARQUEZ	Cole Information Services
2009	URIEL MARQUEZ	Cole Information Services
2004	DS MARQUEZ	Cole Information Services
1999	URIEL MARQUEZ	Cole Information Services
1980	ALVAREZ MANUEL	Pacific Telephone
1960	CAMPBELL PAUL E	Pacific Telephone
1954	CARSON GEO W	R. L. Polk & Co.
1950	ORGAS MIKER	Pacific Telephone

437 N PALOS VERDES ST

Year	Uses	Source
2014	D TRUJILLO	Cole Information Services
2009	DELFINO TRUJILLO	Cole Information Services
2004	DELFINO TRUJILLO	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	DELFINO TRUJILLO	Cole Information Services
1994	TRUJILLO, DELFINO R	Cole Information Services
1985	TRUJILLO DELFINO R	Pacific Bell
1970	TRUJILLO ELARIA	Pacific Telephone
	TRUJILLO DELFINO R	Pacific Telephone
1960	JOHNSON I W	Pacific Telephone
1957	IWINSON GJ	Pacific Telephone
1954	MATHLIN JOHN W R	R. L. Polk & Co.
1950	IVLATHLHI JOHN W R	Pacific Telephone

500 N PALOS VERDES ST

Year	Uses	Source
2014	MICHAEL WELCZOREK	Cole Information Services
2009	GUSTAVO VITAL	Cole Information Services
2004	RAY CLARO	Cole Information Services
2001	AGUILERAAberto	Haines & Company, Inc.
1999	GUSTAVO VITAL	Cole Information Services
1994	AGUILERA, ALBERTO	Cole Information Services
1985	AGUILERA ALBERTO	Pacific Bell
1970	ERLANDO MONTANO	Pacific Telephone
1964	MIRAMONTES HENRY R	Pacific Telephone
1960	TAKASHIMA MASAKICHI	Pacific Telephone
1957	TAKASHIMA MASAKICHI	Pacific Telephone

FINDINGS

Year	Uses	Source
1954	TAKASHLLMA MASAKICHI R	R. L. Polk & Co.
1950	CARPENTER TONY R	Pacific Telephone

502 N PALOS VERDES ST

Year	Uses	Source
2014	MARIANO CAMACHO	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2004	SUSANA RAMIREZ	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
1970	HAWKE CHAS MRS	Pacific Telephone
1964	HAWKE CHAS MRS	Pacific Telephone
1960	HAWKE CHAS MRS	Pacific Telephone
1957	HAWKE CHAS MRS	Pacific Telephone
1954	HAWKE CHAS MRS R	R. L. Polk & Co.
1950	HAWKE CHAS MRS R	Pacific Telephone

503 N PALOS VERDES ST

Year	Uses	Source
2014	COLLIN KING	Cole Information Services
2009	KATHLEEN ARCHIE	Cole Information Services
2004	ERNEST RODRIGUEZ	Cole Information Services
	COLLIN KING	Cole Information Services
	KATHY ARCHIE	Cole Information Services
	ERIC HUPP	Cole Information Services
1999	KATHLEEN ARCHIE	Cole Information Services
1985	BORCHARDT WALTER	Pacific Bell
1980	BORCHARDT WALTER	Pacific Telephone
1975	BORCHARDT WALTER	Pacific Telephone
1970	FOLZ VICTORIA E	Pacific Telephone
1960	FOLZ VICTORIA E	Pacific Telephone
1957	FOLZ VICTORIA E F	Pacific Telephone
1954	FOLZ VICTORIA E	R. L. Polk & Co.
1950	FOLZ PAUL L R	Pacific Telephone
1935	Beum J E r	Los Angeles Directory Co.
1924	PRICE R B clk r	Los Angeles Directory Co.

504 N PALOS VERDES ST

Year	Uses	Source
2014	SIHAM ZEEB	Cole Information Services

FINDINGS

Year	Uses	Source
2009	STEPHANIE PEREZ	Cole Information Services
2004	IRENE ALVAREZ	Cole Information Services
1999	STEPHANIE PEREZ	Cole Information Services
1960	PARR VINCENT	Pacific Telephone
1957	OGAWA G	Pacific Telephone
1954	OGAWA G	R. L. Polk & Co.
1950	WINTJEN EVERETT R	Pacific Telephone

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Year	Uses	Source
2014	OCCUPANT UNKNOWN	Cole Information Services
2009	LINDA JURADO	Cole Information Services
2004	LINDA LARINI	Cole Information Services
2001	XXXX	Haines & Company, Inc.
1999	LINDA JURADO	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1994	BARCOT, THOMAS A JR	Cole Information Services
1985	BARCOT THOS A JR	Pacific Bell
1980	KETTENRING DON L	Pacific Telephone
1970	BARCOT THOS JR	Pacific Telephone
1964	PARR VINCENT	Pacific Telephone
1957	SPRINGER ROBT F	Pacific Telephone
1954	IVMIYA T	R. L. Polk & Co.
1950	BOWERS GEO A R	Pacific Telephone

508 N PALOS VERDES ST

Year	Uses	Source
2014	JESUS CORTEZ	Cole Information Services
2009	JESUS CORTEZ	Cole Information Services
2004	MARIANO CAMACHO	Cole Information Services
2001	XXXX	Haines & Company, Inc.
1999	JESUS CORTEZ	Cole Information Services
1980	PLANCIA V	Pacific Telephone
1950	HARTER JW MRS R	Pacific Telephone

510 N PALOS VERDES ST

Year	Uses	Source
2014	OCCUPANT UNKNOWN	Cole Information Services
2009	MARVIS STACK	Cole Information Services

FINDINGS

Year	Uses	Source
2004	MARVIS STACK	Cole Information Services
1999	MARVIS STACK	Cole Information Services
1985	PLANCIA ROBT L	Pacific Bell
1980	PLANCIA RABRT L	Pacific Telephone
1975	PLANCIA ROBT L	Pacific Telephone
1970	PLANCIA ROBT L	Pacific Telephone
1964	BARNES DAVID L	Pacific Telephone
1960	GRGAS VICTOR	Pacific Telephone
1957	BES MAX	Pacific Telephone
1950	SUKEENA JOHN DR R	Pacific Telephone

511 N PALOS VERDES ST

Year	Uses	Source
2014	CARMEN BLOESER	Cole Information Services
	CARLOS REYNA	Cole Information Services
2009	CARMEN BLOESER	Cole Information Services
	NICOLAS OLGUIN	Cole Information Services
	CARLOS REYNA	Cole Information Services
2004	JESUS SOLIS	Cole Information Services
	NICOLAS OLGUIN	Cole Information Services
	CARLOS REYNA	Cole Information Services
	JAVIER RODRIGUEZ	Cole Information Services
2001	BLOESER Carmen	Haines & Company, Inc.
1999	CARMEN BLOESER	Cole Information Services
	CARLOS REYNA	Cole Information Services
	NICOLAS OLGUIN	Cole Information Services
1994	MEZA, JOSE A	Cole Information Services
	PALOS SECO HOTEL	Cole Information Services
1985	HERNANDES RAFAEL	Pacific Bell
	PALOS SECO HOTEL	Pacific Bell
1980	BLOESER ROBT	Pacific Telephone
1975	BLOESER ROBT	Pacific Telephone
1970	BLOESER ROBT	Pacific Telephone
1960	BASULTO MAGDALENA	Pacific Telephone
	BASULTO PEDRO J	Pacific Telephone
	CASILLAS SALVADOR S	Pacific Telephone
	NUNEZ FRANCISCO	Pacific Telephone
1957	MARIN EFREN	Pacific Telephone
	SMITH RAY Z	Pacific Telephone

FINDINGS

Year	Uses	Source
1954	KORDICH JOE P	R. L. Polk & Co.
1950	MARTINEZ ALBERT R	Pacific Telephone
1937	Draper Frederic A formn City Eng	Los Angeles Directory Co.

512 N PALOS VERDES ST

Year	Uses	Source
2014	ELIZABETH ANDERSON	Cole Information Services
2009	NATIVDAD CABANIT	Cole Information Services
2004	NATIVDAD CABANIT	Cole Information Services
2001	XXXX	Haines & Company, Inc.
1999	OCCUPANT UNKNOWN	Cole Information Services
	NATIVDAD CABANIT	Cole Information Services
1985	WILLIAMSON MARSHALL F	Pacific Bell
1970	MRYICA SLAVKO	Pacific Telephone
1960	MRVICA SLAVKO	Pacific Telephone

514 N PALOS VERDES ST

Year	Uses	Source
2014	MARVA STACK	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2004	DANIELLE TORRES	Cole Information Services
2001	XXXX	Haines & Company, Inc.
1994	CABANIT, F	Cole Information Services
1985	CABANIT F	Pacific Bell
1980	CABANIT F	Pacific Telephone
1975	CABANIT F	Pacific Telephone
1970	CABANIT F	Pacific Telephone
1964	CABANIT F	Pacific Telephone
1960	CABANIT F	Pacific Telephone
1957	CORREA VIOLET S	Pacific Telephone
1950	SANTOS WM N R	Pacific Telephone

516 N PALOS VERDES ST

Year	Uses	Source
2014	ELIAS HERNANDEZ	Cole Information Services
2009	FRANCISCO CASTANEDA	Cole Information Services
2004	MARIA HERNANDEZ	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	FRANCISCO CASTANEDA	Cole Information Services

FINDINGS

Year	Uses	Source
1975	AVILA ADALBERTO MADERA	Pacific Telephone
1957	GRGAS VICTOR	Pacific Telephone
1954	GRGAS VICTOR	R. L. Polk & Co.

518 N PALOS VERDES ST

Year	Uses	Source
2014	MARIANO LOPEZ	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2004	BETTY LOPEZ	Cole Information Services
2001	LOPEZ Belly	Haines & Company, Inc.
1975	IBARRA IGNACIO	Pacific Telephone
1970	IBARRA IGNACIO	Pacific Telephone
1964	HOWE MARGARET	Pacific Telephone
	HOWE ROBT C	Pacific Telephone

519 N PALOS VERDES ST

Year	Uses	Source
2014	YVONNE SMALLWOOD	Cole Information Services
2009	CHERRY CHAVEZ	Cole Information Services
	S AGUILAR	Cole Information Services
2004	RODOLFO CHAVEZ	Cole Information Services
	ADRIAN GUEVARA	Cole Information Services
2001	CHAVEZRodollo	Haines & Company, Inc.
1999	S AGUILAR	Cole Information Services
	CHERRY CHAVEZ	Cole Information Services
1985	CHAVEZ MAGDALENA	Pacific Bell
1980	CHAVEZ MAGDALENA	Pacific Telephone
	COVARRUBIAS M	Pacific Telephone
	COVARRUBIAS JOSE A	Pacific Telephone
1975	HINZ WM F	Pacific Telephone
	CHAVEZ MAGDALENA	Pacific Telephone
	CHAVEZ R SAN PEDRO	Pacific Telephone
1970	HINZ WM F	Pacific Telephone
	CHAVEZ R	Pacific Telephone
	CHAVEZ MAGDALENA	Pacific Telephone
1964	CHAVEZ MAGDALENA SAN PEDRO	Pacific Telephone
1960	CHAVEZ MAGDALENA	Pacific Telephone
1957	CHAVEZ MAGDALENA	Pacific Telephone
1954	NEEL CONSUELO	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1950	CHAVEZ CONSUELO R	Pacific Telephone
1924	BENSON John mach r	Los Angeles Directory Co.
	NORRIS Fred longshoremn r	Los Angeles Directory Co.
	Oakerman Arthur mach r	Los Angeles Directory Co.
	Pittinger Bert mach Harbor Machine Wks r	Los Angeles Directory Co.
	Finney Edwd clk San Pedro Creamery Co r	Los Angeles Directory Co.
	Ackerman Arthur mach r	Los Angeles Directory Co.

520 N PALOS VERDES ST

Year	Uses	Source
2014	OCCUPANT UNKNOWN	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2004	YOANA RODARTE	Cole Information Services
2001	HERNANDEZSXcorro M	Haines & Company, Inc.
1999	OCCUPANT UNKNOWN	Cole Information Services
1985	KNOUSE ROBT A	Pacific Bell
1975	ASTORGA CLARA	Pacific Telephone
1964	HARRIS WALTER B	Pacific Telephone
1960	ABELLANA GEO	Pacific Telephone
1957	JONCICH IVO	Pacific Telephone
1950	HOPPER VIRGIE R	Pacific Telephone

522 N PALOS VERDES ST

Year	Uses	Source
2014	ALDANA VARGAS	Cole Information Services
2009	ROSALBA VARGAS	Cole Information Services
2004	PATRICIA MAYORGA	Cole Information Services
1999	ROSALBA VARGAS	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
1985	BANUELOS LUCERO	Pacific Bell
1980	DE LA PENA J	Pacific Telephone
1970	BYNUM JERRY	Pacific Telephone
1964	PLANCIA MADALYN	Pacific Telephone
	PLANCIA ROBT L	Pacific Telephone
1954	MAEHLARTH J	R. L. Polk & Co.
1950	MAEHL ARTHUR J R	Pacific Telephone

FINDINGS

523 N PALOS VERDES ST

Year	Uses	Source
2014	LUZMILA TOVAR	Cole Information Services
	MIRIAM FLORES	Cole Information Services
2009	LUZMILA TOVAR	Cole Information Services
2004	LUZMILA TOVAR	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	LUZMILA TOVAR	Cole Information Services
1994	ZUVELA, J	Cole Information Services
1964	ZUVELA J	Pacific Telephone
1960	ZUVELA J	Pacific Telephone
1957	ZUVELA J	Pacific Telephone
1954	ZUVELA J R	R. L. Polk & Co.
1950	ZUVELA J R	Pacific Telephone
1924	JONES Herald E foremn San Pedro Creamery Co h	Los Angeles Directory Co.
	SANDSTROM John E ordermn San Pedro Lmbr Co r	Los Angeles Directory Co.

524 N PALOS VERDES ST

Year	Uses	Source
2014	SERGIO TRUJILLO	Cole Information Services
	MARIA FINAY	Cole Information Services
	KELLY YOUNG	Cole Information Services
2009	SERGIO TRUJILLO	Cole Information Services
2004	SERGIO TRUJILLO	Cole Information Services
	JUAN TELLO	Cole Information Services
2001	XXXX	Haines & Company, Inc.
1999	SERGIO TRUJILLO	Cole Information Services
1970	TORRES STEVEN	Pacific Telephone
1960	WATANABE GEO	Pacific Telephone
1957	WATANABE GEO	Pacific Telephone
1954	WATANABE GEO	R. L. Polk & Co.

525 N PALOS VERDES ST

Year	Uses	Source
2014	JOSE RAMIREZ	Cole Information Services
2009	JOSE RAMIREZ	Cole Information Services
2004	DIANA ROCHA	Cole Information Services
2001	XXXX	Haines & Company, Inc.
1999	OCCUPANT UNKNOWN	Cole Information Services

FINDINGS

Year	Uses	Source
1999	JOSE RAMIREZ	Cole Information Services
1970	BROOKS MYRTLE	Pacific Telephone
1964	BROOKS MYRTLE M	Pacific Telephone
1957	FLARES IGNACIO R	Pacific Telephone
1950	PITTMAN E K R	Pacific Telephone

526 N PALOS VERDES ST

Year	Uses	Source
2014	LETICIA HERNANDEZ	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2004	LETICIA HERNANDEZ	Cole Information Services
2001	HERNANDEZ Lellcia 310 X	Haines & Company, Inc.
1994	OZUNA, ANTONIO	Cole Information Services
1964	LEZAJA NILKA	Pacific Telephone
	LEZAJA PASKO	Pacific Telephone
1960	CAMACHO RUBEN	Pacific Telephone
1957	LUERA FRED	Pacific Telephone
1950	FAGE ROBT F R	Pacific Telephone

528 N PALOS VERDES ST

Year	Uses	Source
2014	IRENE DIAZ	Cole Information Services
2009	IRENE DIAZ	Cole Information Services
2004	SOCORRO HERNANDEZ	Cole Information Services
2001	XXXX	Haines & Company, Inc.
1999	IRENE DIAZ	Cole Information Services
1975	LEZAJA FRANK	Pacific Telephone
1970	LEZAJA FRANK	Pacific Telephone
1964	LEZAJA FRANK	Pacific Telephone
1960	LEZAJA FRANK	Pacific Telephone
1957	LEZAJA FRANK	Pacific Telephone
1954	LEZAJA FRANK	R. L. Polk & Co.
1950	SVALINA ANTHONY R	Pacific Telephone

530 N PALOS VERDES ST

Year	Uses	Source
2014	ANDRES RIMOLDI	Cole Information Services
2009	ANDRES RIMOLDI	Cole Information Services
2004	ANDRES RIMOLDI	Cole Information Services

FINDINGS

Year	Uses	Source
2004	SALVADOR FALCON	Cole Information Services
2001	FALCON Salvador	Haines & Company, Inc.
1999	ANDRES RIMOLDI	Cole Information Services
1970	ANTOLOS NIKOLAS	Pacific Telephone
1960	FINLEY RICHARD W	Pacific Telephone
1957	FINLEY RICHARD W	Pacific Telephone
1924	Beum John E Monahan & Beum h	Los Angeles Directory Co.

531 N PALOS VERDES ST

Year	Uses	Source
2014	OCCUPANT UNKNOWN	Cole Information Services
2009	MANUEL VILLARREAL	Cole Information Services
2004	GEORGE LLIZO	Cole Information Services
	KATALIN LOVASI	Cole Information Services
1999	MANUEL VILLARREAL	Cole Information Services

532 N PALOS VERDES ST

Year	Uses	Source
2014	OCCUPANT UNKNOWN	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
2001	ZAETAMer	Haines & Company, Inc.
1999	OCCUPANT UNKNOWN	Cole Information Services
1994	CANIZALEZ, ABEL S	Cole Information Services
1985	CANIZALEZ ABEL S	Pacific Bell
1980	CANIZALEZ ABEL S	Pacific Telephone
1975	BARLOS DAVID	Pacific Telephone
1970	JARAMILLO RAYMOND	Pacific Telephone
1964	HABAL JOSE H	Pacific Telephone
1960	ARAGON JOSE E	Pacific Telephone
1957	ARAGON JOSE E	Pacific Telephone
1950	EGNER ROBT L R	Pacific Telephone

533 N PALOS VERDES ST

Year	Uses	Source
2014	RAYMOND ALVAREZ	Cole Information Services
2009	RAYMOND ALVAREZ	Cole Information Services
1999	RAYMOND ALVAREZ	Cole Information Services

FINDINGS

534 N PALOS VERDES ST

Year	Uses	Source
2009	LETICIA SALGADO	Cole Information Services
2004	LETICIA SALGADO	Cole Information Services
	METRO TOWING	Cole Information Services
1999	LETICIA SALGADO	Cole Information Services
1975	PLANCIA V	Pacific Telephone
1970	ANTOLOS IVAN	Pacific Telephone
1964	PARTIDA MICHAEL	Pacific Telephone
1960	ANTOLOS NIKOLAS	Pacific Telephone
1957	ANTOLOS NIKOLAS	Pacific Telephone
1954	ANTOLOS NIKOLAS R	R. L. Polk & Co.

536 N PALOS VERDES ST

Year	Uses	Source
2014	OCCUPANT UNKNOWN	Cole Information Services
2009	RAUL HERNANDEZ	Cole Information Services
2004	RAUL HERNANDEZ	Cole Information Services
2001	AMEZCUAGuillerma	Haines & Company, Inc.
1999	RAUL HERNANDEZ	Cole Information Services
1994	VALDIVIA, MARIA	Cole Information Services
1985	VALDIVIA MARIA	Pacific Bell
1975	MADERA MIGUEL	Pacific Telephone
1970	GRGAS-GRANDO ANDELKO	Pacific Telephone
1960	CHIEN ERIC	Pacific Telephone
1954	WIRTH WALTER L	R. L. Polk & Co.
1950	HEVENER HARRY E R	Pacific Telephone

538 N PALOS VERDES ST

Year	Uses	Source
2014	MARISA VALLADOLID	Cole Information Services
2009	ANGEL VILLATORO	Cole Information Services
2004	ANGEL VILLATORO	Cole Information Services
2001	VILLATOROAnge Il Gi Iber	Haines & Company, Inc.
1999	ANGEL VILLATORO	Cole Information Services
1960	KLARIN JOHN S	Pacific Telephone
1957	KLARIN JOHN S	Pacific Telephone
1954	KLARIN JOHN S R	R. L. Polk & Co.
1950	JACOBS JAKE DEEP SEA DIVING	Pacific Telephone

FINDINGS

540 N PALOS VERDES ST

Year	Uses	Source
2014	JESSICA DIAZ	Cole Information Services
2009	JESSICA DIAZ	Cole Information Services
2001	XXXX	Haines & Company, Inc.
1999	JESSICA DIAZ	Cole Information Services
1985	SALCEDA EDDIE C	Pacific Bell
1970	DADICH JOSIP	Pacific Telephone
1960	SUNJKA VINCE	Pacific Telephone
1957	DADICH STEVE	Pacific Telephone
1954	DADICH STEVE	R. L. Polk & Co.
1950	HUGHES ELIZABETH R	Pacific Telephone
	SMITH FRANCES C R	Pacific Telephone

4321/2 N PALOS VERDES ST

Year	Uses	Source
1957	CARSON GEO W	Pacific Telephone

335 1/2 N PALOS VERDES ST

Year	Uses	Source
1975	ANGULO EDW J	Pacific Telephone
1950	HENTON BLAYNE R	Pacific Telephone

422 1/2 N PALOS VERDES ST

Year	Uses	Source
1975	BENNETT CHUCK	Pacific Telephone
1970	MAZAROVICH MARCO S	Pacific Telephone

430 1/2 N PALOS VERDES ST

Year	Uses	Source
1985	ALVAREZ MANUEL S	Pacific Bell
1970	MANTEUFEL DAVID E	Pacific Telephone
1964	WOOD LETHA LEE	Pacific Telephone
	WOOD ARTHUR T	Pacific Telephone
1957	DI SCALA MICHAEL	Pacific Telephone

432 1/2 N PALOS VERDES ST

Year	Uses	Source
1960	CARSON GEO W	Pacific Telephone

N. Beacon Street

345 N. Beacon Street

Year	Uses	Source
2001	MARINE HARDWARE	Haines & Company, Inc.
1995	MARINE HARDWARE CO	Pacific Bell
	Marine Hardware Co	Pacific Bell
1991	MARINE HARDWARE CO	Pacific Bell
	Marine Hardware Co	Pacific Bell
1990	MARINE HARDWARE CO SAN PEDRO	Pacific Bell
	MARINE HARDWARE CO	Pacific Bell
1986	MARINE HARDWARE CO SAN PEDRO	Pacific Bell
1985	L A MARINE HARDWARE CO	Pacific Bell
1981	L A MARINE HARDWARE CO SAN PEDRO	Pacific Telephone

N. Harbor Boulevard

305 N. Harbor Boulevard

Year	Uses	Source
2001	POHINAINC	Haines & Company, Inc.
1995	THE SEA-A-MUSEUM LIKE SHOP	Pacific Bell
1990	SEA THE	Pacific Bell
1985	SEA THE	Pacific Bell
	THE SEA-A MUSEUM LIKE SHOP	Pacific Bell
1950	DEL MAR CAFE	Pacific Telephone

311 N. Harbor Boulevard

Year	Uses	Source
2001	XXXX	Haines & Company, Inc.
1964	MASON HOTEL	Pacific Telephone
1960	MASON HOTEL	Pacific Telephone
1957	MASON HOTEL	Pacific Telephone
1954	MASON HOTE	R. L. Polk & Co.
1950	MASON HOTEL	Pacific Telephone
1924	ANDERSON Russell longshoremn r	Los Angeles Directory Co.
	Belk Arthur r	Los Angeles Directory Co.
	CAMERON L r	Los Angeles Directory Co.
	DALTON Wm r	Los Angeles Directory Co.
	DECKER J r	Los Angeles Directory Co.

Year	Uses	Source
1924	DECKER Wm J h	Los Angeles Directory Co.
	ENGLISH Geo r	Los Angeles Directory Co.
	Hansen Arthur r	Los Angeles Directory Co.
	HAYDEN C r	Los Angeles Directory Co.
	Judis R r	Los Angeles Directory Co.
	Linderman T A r	Los Angeles Directory Co.
	LLEWEILLYN Wm iron wkr r	Los Angeles Directory Co.
	Mason Hotel	Los Angeles Directory Co.
	Meara W J r	Los Angeles Directory Co.
	Miller Mart H r	Los Angeles Directory Co.
	Mulvaney Wm r	Los Angeles Directory Co.
	Nix J J r	Los Angeles Directory Co.
	REGAN Jos r	Los Angeles Directory Co.
	REGAN Patk r	Los Angeles Directory Co.
	Skaros A G r	Los Angeles Directory Co.
	SULLIVAN R r	Los Angeles Directory Co.
	WELLS J W r	Los Angeles Directory Co.
	WILLIAMS J E r	Los Angeles Directory Co.
	WILSON Jos r	Los Angeles Directory Co.
	Winnie L L r	Los Angeles Directory Co.

407 N. Harbor Boulevard

Year	Uses	Source
2001	MICHELCDATEY	Haines & Company, Inc.
1990	LITTLE FISHERMAN	Pacific Bell
1985	LITTLE FISHERMAN	Pacific Bell
1980	CALIFORNIA STATE OF MOTOR VEHICLES DEPT OFFICE LOCATIONS	Pacific Telephone
1975	CALIFORNIA STATE OF MOTOR VEHICLES DEPT DRIVERS LICENSES MOTOR VEHICLE REGI	Pacific Telephone

OFARRELL W

110 OFARRELL W

Year	Uses	Source
1990	GOERLITZ JOHN JR	Pacific Bell
	E-Z DRIVING SCHOOL	Pacific Bell

226 OFARRELL W

Year	Uses	Source
1995	SALAZAR HERIBERTO	Pacific Bell

232 OFARRELL W

Year	Uses	Source
1990	ZARATE ANTONIO	Pacific Bell

226 1/2 OFARRELL W

Year	Uses	Source
1990	RODRIGUEZ EZPERANZA	Pacific Bell

230 1/2 OFARRELL W

Year	Uses	Source
1990	GUTIERREZ JUVENAL	Pacific Bell

232 1/2 OFARRELL W

Year	Uses	Source
1995	BETANCOURT JAIME	Pacific Bell
1990	BETANCOURT JUANA	Pacific Bell

PALOS VERDES N

313 PALOS VERDES N

Year	Uses	Source
1990	MORALES FERNANDO G	Pacific Bell

315 PALOS VERDES N

Year	Uses	Source
1995	LLAMAS SALVADOR	Pacific Bell
1990	LIAMAS SALVADOR	Pacific Bell

400 PALOS VERDES N

Year	Uses	Source
1995	GONZALEZ BLANCA	Pacific Bell
1990	BARELA FRANK M	Pacific Bell

402 PALOS VERDES N

Year	Uses	Source
1990	JIMENEZ MARIA	Pacific Bell

FINDINGS

404 PALOS VERDES N

Year	Uses	Source
1990	3 PEREZ BEATRIZ	Pacific Bell

407 PALOS VERDES N

Year	Uses	Source
1990	ALEXANDER G	Pacific Bell

412 PALOS VERDES N

Year	Uses	Source
1995	CARNILLO RAFAEL & SOLEDAD	Pacific Bell

414 PALOS VERDES N

Year	Uses	Source
1990	ROMERO JULIO CESAR	Pacific Bell

416 PALOS VERDES N

Year	Uses	Source
1995	CAMPOS EDGAR I	Pacific Bell

417 PALOS VERDES N

Year	Uses	Source
1995	C MONCAYO MANUEL	Pacific Bell
	F IBARRA ARTURO	Pacific Bell
	B IBARRA ALFREDO	Pacific Bell
	J PAEZ LIZARRAGA MANUEL	Pacific Bell
	H GARCIA ELENA	Pacific Bell
1990	A AJNAEL CARLOS V	Pacific Bell
	D LIAMAS JOSE DE JESUS	Pacific Bell
	H CARMONA JOSE ARCADIO	Pacific Bell
	X ORTIZ ARTEMIO	Pacific Bell

420 PALOS VERDES N

Year	Uses	Source
1995	LOMELI EPIFANIO L	Pacific Bell
1990	LOMELI EPIFANIO L	Pacific Bell

422 PALOS VERDES N

Year	Uses	Source
1990	SANTANA LETICIA	Pacific Bell

FINDINGS

424 PALOS VERDES N

Year	Uses	Source
1990	LEAL JESSE OLGUIN	Pacific Bell

426 PALOS VERDES N

Year	Uses	Source
1995	CAMACHO MARIANO	Pacific Bell
1990	CAMACHO MARIANO	Pacific Bell

430 PALOS VERDES N

Year	Uses	Source
1990	GONZALES RICARDO	Pacific Bell

431 PALOS VERDES N

Year	Uses	Source
1990	ORNELAS CORINNE MRS	Pacific Bell

500 PALOS VERDES N

Year	Uses	Source
1995	AGUILERA ALBERTO	Pacific Bell
1990	AGUILERA ALBERTO	Pacific Bell

503 PALOS VERDES N

Year	Uses	Source
1990	BORCHARDT WALTER	Pacific Bell

506 PALOS VERDES N

Year	Uses	Source
1995	BARCOT THOS A JR	Pacific Bell
1990	BARCOT THOS A JR	Pacific Bell

510 PALOS VERDES N

Year	Uses	Source
1990	PLANCIA ROBT L	Pacific Bell

511 PALOS VERDES N

Year	Uses	Source
1995	4 OLGUIN NICOLAS	Pacific Bell
	3 HERNANDES RAFAEL	Pacific Bell
1990	PALOS SECO HOTEL	Pacific Bell
	3 HERNANDES RAFAEL	Pacific Bell
	6 SANCHEZ ELIAS R	Pacific Bell

514 PALOS VERDES N

Year	Uses	Source
1995	CABANIT F	Pacific Bell
1990	CABANIT F	Pacific Bell

519 PALOS VERDES N

Year	Uses	Source
1990	1 CHAVEZ M	Pacific Bell

523 PALOS VERDES N

Year	Uses	Source
1990	ZUVELA J	Pacific Bell

532 PALOS VERDES N

Year	Uses	Source
1990	CANIZALEZ ABEL S	Pacific Bell

536 PALOS VERDES N

Year	Uses	Source
1995	VALDIVIA MARIA	Pacific Bell
1990	VALDIVIA MARIA	Pacific Bell

S BEACON ST

416 S BEACON ST

Year	Uses	Source
1964	MONTEREY CAFE	Pacific Telephone
1957	MONTEREY CAFE	Pacific Telephone
1954	EUROPA CAFE	R. L. Polk & Co.
1950	EUROPA CAFE	Pacific Telephone

420 S BEACON ST

Year	Uses	Source
1950	VINCENT PORTRAIT STUDIO	Pacific Telephone

430 S BEACON ST

Year	Uses	Source
1970	BEACON LIGHT MISSION	Pacific Telephone
1964	BEACON LIGHT MISSION	Pacific Telephone
1960	BEACON LIGHT MISSION	Pacific Telephone
1957	BEACON LIGHT MISSION	Pacific Telephone
1954	BEACON LIGHT MISSION	R. L. Polk & Co.

Year	Uses	Source
1950	BEACON LIGHTMISSON	Pacific Telephone

440 S BEACON ST

Year	Uses	Source
1964	LIDO CLUB	Pacific Telephone
	CARRILLO MARY LIDO CLUB	Pacific Telephone
1960	LIDO CLUB	Pacific Telephone
	CARRILLO MARY LIDO CLUB	Pacific Telephone
1954	LIDO BUFFET	R. L. Polk & Co.
1950	LIDO BUFFET	Pacific Telephone
1935	Lido Buffet	Los Angeles Directory Co.

444 S BEACON ST

Year	Uses	Source
1970	LOG CABIN CAFE	Pacific Telephone
1964	LOG CABIN CAFE	Pacific Telephone
1960	LOG CABIN CAFE	Pacific Telephone
1957	LOG CABIN CAFE	Pacific Telephone
1954	LOG CABIN CAFE	R. L. Polk & Co.
1950	LOG CABIN CAFE	Pacific Telephone

SANTA CRUZ W

103 SANTA CRUZ W

Year	Uses	Source
1990	TANG MUI CAM	Pacific Bell

111 SANTA CRUZ W

Year	Uses	Source
1990	ORTIZ JUAN	Pacific Bell

113 SANTA CRUZ W

Year	Uses	Source
1995	SOLIS CRUZ MARTHA	Pacific Bell

117 SANTA CRUZ W

Year	Uses	Source
1990	OROZCO JUAN A	Pacific Bell

207 SANTA CRUZ W

Year	Uses	Source
1995	75 MORAN ALMA	Pacific Bell

209 SANTA CRUZ W

Year	Uses	Source
1995	74 HERNANDEZ JESUS	Pacific Bell
1990	74 HERNANDEZ JESUS	Pacific Bell

SEPULVEDA W

211 SEPULVEDA W

Year	Uses	Source
1990	EMPIRICAL ENGINEERING	Pacific Bell

216 SEPULVEDA W

Year	Uses	Source
1990	SPARKS H W	Pacific Bell

222 SEPULVEDA W

Year	Uses	Source
1995	SILVA MARTIN	Pacific Bell
1990	LOPEZ DAVID	Pacific Bell

W O FARRELL ST

230 W O FARRELL ST

Year	Uses	Source
1950	GAINSBOROUGH APTS	Pacific Telephone

232 W O FARRELL ST

Year	Uses	Source
1994	ALANIS, CECILIO	Cole Information Services

W OFARRELL ST

110 W OFARRELL ST

Year	Uses	Source
1985	E-Z DRIVING SCHOOL	Pacific Bell
	GOERLITZ JOHN JR	Pacific Bell
	EASY DRIVING SCHOOL	Pacific Bell
1980	EASY DRIVING SCHOOL	Pacific Telephone

FINDINGS

Year	Uses	Source
1980	GOERLITZ JOHN JR	Pacific Telephone
1975	GOERLITZ JOHN JR	Pacific Telephone
	EASY DRIVING SCHOOL	Pacific Telephone
	E-Z DRIVING SCHOOL	Pacific Telephone
1970	GOERLITZ JOHN JR	Pacific Telephone
	EASY DRIVING SCHOOL	Pacific Telephone
	E-Z DRIVING SCHOOL	Pacific Telephone

161 W OFARRELL ST

Year	Uses	Source
1960	TENOPYR JOS JR	Pacific Telephone

223 W OFARRELL ST

Year	Uses	Source
2014	MANUEL LOERA	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2004	MANUEL LOERA	Cole Information Services
1975	LIERA BIAS J	Pacific Telephone
1970	LIERA BLAS J	Pacific Telephone
1954	ALVARADO J B R	R. L. Polk & Co.
1950	ALVARADOJB R	Pacific Telephone

224 W OFARRELL ST

Year	Uses	Source
1970	PARTIDA ROBT J	Pacific Telephone

226 W OFARRELL ST

Year	Uses	Source
2014	FELECIA HARVEY	Cole Information Services
	LIDIA VILLEGAS	Cole Information Services
2009	JANE NNOLIM	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
	PHILIP RODRIGUEZ	Cole Information Services
2004	CHALET PADILLA	Cole Information Services
	PHILIP WHITLOW	Cole Information Services
1999	ESTHER MACIAS	Cole Information Services
	JANE NNOLIM	Cole Information Services
	PHILIP RODRIGUEZ	Cole Information Services
1985	MACIAS MANUEL	Pacific Bell
1980	MACIAS MANUEL	Pacific Telephone

FINDINGS

Year	Uses	Source
1975	CONTRERAS GRAOEALI	Pacific Telephone
1970	PRUITT DOROTHY	Pacific Telephone
	PRUITT ALVA	Pacific Telephone
1964	HODO LOUIS	Pacific Telephone

228 W OFARRELL ST

Year	Uses	Source
2014	ANTHONY HERNANDEZ	Cole Information Services
	CARLA RAYGOZA	Cole Information Services
2009	CARLA RAYGOZA	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	CARLA RAYGOZA	Cole Information Services
1970	GRAY FLOYD	Pacific Telephone

230 W OFARRELL ST

Year	Uses	Source
2014	SABINO LINAN	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2009	SABINO LINAN	Cole Information Services
	LAURA AGUEDO	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
1999	SABINO LINAN	Cole Information Services
	LAURA AGUEDO	Cole Information Services
1980	GUTIERREZ JUVENAL	Pacific Telephone
	JONES ALEXANDER	Pacific Telephone
1954	GAINSBOROUGH APTS	R. L. Polk & Co.

232 W OFARRELL ST

Year	Uses	Source
2014	AURORA CENICEROS	Cole Information Services
	OCCUPANT UNKNOWN	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
	JOHN DIAZ	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
	JOHN DIAZ	Cole Information Services
1999	JOHN DIAZ	Cole Information Services
1985	ZARATE ANTONIO	Pacific Bell
1970	COLLIER LILLIAN	Pacific Telephone

Year	Uses	Source
1964	GRAY FLOYD	Pacific Telephone
	GRAY MILDRED	Pacific Telephone

14L0 W OFARRELL ST

Year	Uses	Source
1950	BOWRING JACK F R	Pacific Telephone

226 1/2 W OFARRELL ST

Year	Uses	Source
1985	RODRIGUEZ SERGIO	Pacific Bell
	RODRIQUEZ ESPERANZA	Pacific Bell

228 1/2 W OFARRELL ST

Year	Uses	Source
1970	ROSS BENNIE	Pacific Telephone

233 1/2 W OFARRELL ST

Year	Uses	Source
1985	HENRICHSEN MELINDA B	Pacific Bell

W OLIVER ST

200 W OLIVER ST

Year	Uses	Source
1975	Burbank Ford	Pacific Telephone
1950	BVULARDF JAS A R	Pacific Telephone

204 W OLIVER ST

Year	Uses	Source
1970	A A WANAMAKER RENTS INC	Pacific Telephone
1957	MILANO FRANK S	Pacific Telephone
1954	MILANO FRANK S R	R. L. Polk & Co.
1950	MLILANO FRANK S R	Pacific Telephone

205 W OLIVER ST

Year	Uses	Source
1975	Wanamaker Rents Inc	Pacific Telephone
	A A Wanamaker Rents Inc	Pacific Telephone
1970	A A WANAMAKER RENTS INC	Pacific Telephone
1965	WANAMAKER RENTS INC	Pacific Telephone
1964	WANAMAKER RENTS INC	Pacific Telephone

FINDINGS

Year	Uses	Source
1962	WANAMAKER RENTS INC	Pacific Telephone
1960	WANAMAKER RENTS INC	Pacific Telephone
1958	WANAMAKER RENTAL CITY	Pacific Telephone
1957	WANAMAKER RENTAL CITY	Pacific Telephone
	CAYER SEVEREN	Pacific Telephone
1954	CAYER SEVREN R	R. L. Polk & Co.
1950	CAYER SEVEREN R	Pacific Telephone

209 W OLIVER ST

Year	Uses	Source
1957	PHILLER GLENN	Pacific Telephone
1954	BRUNNER A R R	R. L. Polk & Co.
1950	BRUNNERAR R	Pacific Telephone

211 W OLIVER ST

Year	Uses	Source
1964	EMBURY B G	Pacific Telephone
	EMBURY EMILY	Pacific Telephone
	MASHBURN MADELINE	Pacific Telephone
	PARKS W A DICK	Pacific Telephone
	WILLIAMS CAROL	Pacific Telephone
	WILLIAMS EARL D	Pacific Telephone
1960	MANN MERRILL G	Pacific Telephone
1954	WOLTER REINLRALDT A R	R. L. Polk & Co.
1950	WALTER RELNHOLDT A R	Pacific Telephone

212 W OLIVER ST

Year	Uses	Source
1950	COLLEGE CLNRS	Pacific Telephone

215 W OLIVER ST

Year	Uses	Source
1950	LEAKE J E R	Pacific Telephone

220 W OLIVER ST

Year	Uses	Source
1958	Trojan Lumber & Supply	Pacific Telephone

FINDINGS

221 W OLIVER ST

Year	Uses	Source
1950	HIS &ERS CLNRS	Pacific Telephone

225 W OLIVER ST

Year	Uses	Source
2014	SOCORRO GARZA	Cole Information Services
2009	MARIA ROMERO	Cole Information Services
	SOCORRO GARZA	Cole Information Services
1999	SOCORRO GARZA	Cole Information Services
	MARIA ROMERO	Cole Information Services
1985	CANO IGNACIO	Pacific Bell
1954	BROWN LESLIE S GARNER ROBF LEE STUDIO PHOTGRPHR	R. L. Polk & Co.
	GARNER STUDIO ROBT LEE PHOTGRPHR	R. L. Polk & Co.
1950	BROWN LESLIE S GARNER ROBT LEE STUDIO PHOTGRPHR	Pacific Telephone

202 1/2 W OLIVER ST

Year	Uses	Source
1964	BULLARD JAS A	Pacific Telephone
1960	BULLARD JAS A	Pacific Telephone

210 1/2 W OLIVER ST

Year	Uses	Source
1957	BURGLIN ROBT E	Pacific Telephone

212 1/2 W OLIVER ST

Year	Uses	Source
1950	ANDERSON ELLIS R	Pacific Telephone

222 1/2 W OLIVER ST

Year	Uses	Source
1950	WILLIAMS W GR	Pacific Telephone

W SANTA CRUZ ST

103 W SANTA CRUZ ST

Year	Uses	Source
2014	AGUSTIN DOMINGUEZ	Cole Information Services
2009	ABRAHAM GARCIA	Cole Information Services

FINDINGS

Year	Uses	Source
2004	NANCY MA	Cole Information Services
2001	XXXX	Haines & Company, Inc.
1999	ABRAHAM GARCIA	Cole Information Services
1985	TANG MUI CAM	Pacific Bell
1964	HILLMAN DONALD C	Pacific Telephone

105 W SANTA CRUZ ST

Year	Uses	Source
2014	SANDY LAUREL	Cole Information Services
2001	XXXX	Haines & Company, Inc.
1980	NAVARRO JUIO	Pacific Telephone
1954	SMALL CHARLIE JR	R. L. Polk & Co.

107 W SANTA CRUZ ST

Year	Uses	Source
2014	ELENA BELTRAN	Cole Information Services
1975	LAUREL WM	Pacific Telephone

109 W SANTA CRUZ ST

Year	Uses	Source
2014	MARTHA PORTILLO	Cole Information Services
2009	ELIA SAUCEDO	Cole Information Services
2004	ELIA SAUCEDO	Cole Information Services
2001	HERRERAIna	Haines & Company, Inc.
1999	ELIA SAUCEDO	Cole Information Services
1970	CONE LEROY B	Pacific Telephone
1957	WIDA CHARLOTTE	Pacific Telephone
1954	WARREN VERNA JEANE	R. L. Polk & Co.

111 W SANTA CRUZ ST

Year	Uses	Source
2014	AURORA LABRADA	Cole Information Services
2009	ALSONSO SAAVEDRA	Cole Information Services
2004	ANGELA AGUIRRE	Cole Information Services
2001	XXXX	Haines & Company, Inc.
1999	ALSONSO SAAVEDRA	Cole Information Services

113 W SANTA CRUZ ST

Year	Uses	Source
2014	MARCO UGALDE	Cole Information Services

FINDINGS

Year	Uses	Source
2009	MARIA RAMIREZ	Cole Information Services
2004	MARIA RAMIREZ	Cole Information Services
	RIGOBERTO CASTILLO	Cole Information Services
2001	XXXX	Haines & Company, Inc.
1999	MARIA RAMIREZ	Cole Information Services
1994	SOLIS, CRUZ M	Cole Information Services
1985	SOLORIO SHIRLEY	Pacific Bell

115 W SANTA CRUZ ST

Year	Uses	Source
2014	VINCENTE ARCEO	Cole Information Services
2004	DELIA ROMAN	Cole Information Services
2001	ROMAN Delia	Haines & Company, Inc.
1964	PARTEE LAMON A	Pacific Telephone

117 W SANTA CRUZ ST

Year	Uses	Source
2014	SALVADOR RODRIGUEZ	Cole Information Services
2001	XXXX	Haines & Company, Inc.
1994	HERNANDEZ, JOSE S	Cole Information Services
1985	QUINTANA RAYMOND	Pacific Bell

123 W SANTA CRUZ ST

Year	Uses	Source
2014	MICHELLE MATTERA	Cole Information Services
2009	MICHELLE MATTERA	Cole Information Services
1999	MICHELLE MATTERA	Cole Information Services

142 W SANTA CRUZ ST

Year	Uses	Source
2014	SAUL AYALA	Cole Information Services
	ANGELICA RUBIO	Cole Information Services
	JULIO MOREL	Cole Information Services
	PATRICIA SERRATO	Cole Information Services
	L VASQUEZ	Cole Information Services
	YVONE AVILA	Cole Information Services
	PEDRO LAGUNA	Cole Information Services
	JOSE LOPEZ	Cole Information Services
	ENRIQUE MARQUEZ	Cole Information Services
	ALEJANDRO GONZALEZ	Cole Information Services

FINDINGS

Year	Uses	Source
2014	KIMBERLY JORDAN	Cole Information Services
	ESTER IZAGUIRRE	Cole Information Services
	BONNIE BRANTLEY	Cole Information Services
	JAMES PASCUAL	Cole Information Services
	MARIA GARCIA	Cole Information Services
	CINDY MARTINEZ	Cole Information Services
	ELSA MENDOZA	Cole Information Services
	AMELIA POBLANO	Cole Information Services
	MAXIMINO VIZCARRA	Cole Information Services
	ARACELI SERENO	Cole Information Services
	REBECKA SIMMONS	Cole Information Services
	ANGELICA VEGAQ	Cole Information Services
	RAYMUNDO AGUILAR	Cole Information Services
	MACIO LINDSEY	Cole Information Services
	MARIELA OSORIO	Cole Information Services
	IRMA DELACRUZ	Cole Information Services
	VIVIAN DELEON	Cole Information Services
	ANGELICA REYES	Cole Information Services
	MENDOZA ELSA	Cole Information Services
	MARIA GUDINO	Cole Information Services
	ARISTEO ISLAS	Cole Information Services
	NEW ECONOMICS	Cole Information Services

146 W SANTA CRUZ ST

Year	Uses	Source
2001	XXXX	Haines & Company, Inc.

149 W SANTA CRUZ ST

Year	Uses	Source
1975	FLYNN WAYNE D	Pacific Telephone

194 W SANTA CRUZ ST

Year	Uses	Source
1980	FLYNN SEAN	Pacific Telephone

195 W SANTA CRUZ ST

Year	Uses	Source
1970	NOLL GEO	Pacific Telephone

FINDINGS

201 W SANTA CRUZ ST

Year	Uses	Source
2014	NICOLAS TARACENA	Cole Information Services
2009	NICOLAS TARACENA	Cole Information Services
1999	NICOLAS TARACENA	Cole Information Services
1985	JUANITO CACIENA	Pacific Bell
1980	BAYUGA LEONOR	Pacific Telephone
1970	TRAINOR JOHN P JR	Pacific Telephone

202 W SANTA CRUZ ST

Year	Uses	Source
2014	KIM DO	Cole Information Services
2009	KENNETH JOHNSON	Cole Information Services
2004	JOSE SOSA	Cole Information Services
	HUNG AU	Cole Information Services
1999	OCCUPANT UNKNOWN	Cole Information Services
	KENNETH JOHNSON	Cole Information Services
1964	TREVIZO JESUS	Pacific Telephone
1960	TREVIZO JESUS	Pacific Telephone
1957	TREVIZO JESUS	Pacific Telephone
1954	TREVIZO JESUS	R. L. Polk & Co.

203 W SANTA CRUZ ST

Year	Uses	Source
2009	JACK PARKER	Cole Information Services
	ELLA FLETCHER	Cole Information Services
2001	XXXX	Haines & Company, Inc.
1999	JACK PARKER	Cole Information Services
	ELLA FLETCHER	Cole Information Services
1985	GONZALEZ FELIPE	Pacific Bell
1964	JOHNSON WALTER	Pacific Telephone

205 W SANTA CRUZ ST

Year	Uses	Source
2014	JAHMAL JANISSE	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2001	XXXX	Haines & Company, Inc.
1980	MARTIN EVELYN M	Pacific Telephone
1960	LOYD ALMA LEE	Pacific Telephone
1954	TYSON LUESTHER	R. L. Polk & Co.

FINDINGS

207 W SANTA CRUZ ST

Year	Uses	Source
2014	LESTER ARAUZ	Cole Information Services
2009	LESTER ARAUZ	Cole Information Services
	MARIA HERRERA	Cole Information Services
2004	VICTOR HERRERA	Cole Information Services
	K PETERSON	Cole Information Services
2001	MORANAlma	Haines & Company, Inc.
1999	LESTER ARAUZ	Cole Information Services
	MARIA HERRERA	Cole Information Services
1994	MORAN, ALMA	Cole Information Services
1970	HAMILTON JAS E	Pacific Telephone
1954	RODRIGUEZ FRANCISCO	R. L. Polk & Co.

209 W SANTA CRUZ ST

Year	Uses	Source
2014	JESUS HERNANDEZ	Cole Information Services
2009	JESUS HERNANDEZ	Cole Information Services
2004	JESUS HERNANDEZ	Cole Information Services
2001	HERNANDEZJesus	Haines & Company, Inc.
1999	JESUS HERNANDEZ	Cole Information Services
1994	HERNANDEZ, JESUS	Cole Information Services
1985	NAVARRO ADALBERTO	Pacific Bell
1980	FUENTES JOSE	Pacific Telephone

211 W SANTA CRUZ ST

Year	Uses	Source
2014	REFUGIO CASTILLO	Cole Information Services
2009	REFUGIO CASTILLO	Cole Information Services
2004	REFUGIO CASTILLO	Cole Information Services
2001	XXXX	Haines & Company, Inc.
1999	OCCUPANT UNKNOWN	Cole Information Services
	REFUGIO CASTILLO	Cole Information Services
1985	DIAZ ISABEL A	Pacific Bell
1980	GORDO JAVIER R	Pacific Telephone
1975	CORREA THOS C	Pacific Telephone
1957	GARCIA CARMEN	Pacific Telephone
1950	SUMMERS EDWIN C R	Pacific Telephone

FINDINGS

126L W SANTA CRUZ ST

Year	Uses	Source
1960	HULI WALTER N	Pacific Telephone

163L W SANTA CRUZ ST

Year	Uses	Source
1964	ALVES JOE A	Pacific Telephone

17O1 W SANTA CRUZ ST

Year	Uses	Source
1970	GILL F KENT	Pacific Telephone

W SEPULVEDA ST

201 W SEPULVEDA ST

Year	Uses	Source
2001	BEEDLEEvan	Haines & Company, Inc.
1970	SELL W E	Pacific Telephone
	ROMERO STEVEN N	Pacific Telephone
1964	STRICKLAND JOS H	Pacific Telephone
1960	HOUSEY J R	Pacific Telephone
1957	HOUSEYJ R	Pacific Telephone
1954	PONY CART ICE CREAM CO	R. L. Polk & Co.

203 W SEPULVEDA ST

Year	Uses	Source
1960	MILOSEVICH ANTON	Pacific Telephone

204 W SEPULVEDA ST

Year	Uses	Source
2014	INNIS MAC	Cole Information Services
2009	CHARLES MACINNIS	Cole Information Services
2004	CHARLES MACINNIS	Cole Information Services
2001	MACINNISCharles	Haines & Company, Inc.
1999	CHARLES MACINNIS	Cole Information Services
1964	BLAKSTAD TINA	Pacific Telephone
1960	BLAKSTAD TINA	Pacific Telephone
1957	BLAKSTAD TINA	Pacific Telephone
	TAICAHAMA DON	Pacific Telephone
1954	BLAKSTAD TINA R	R. L. Polk & Co.
	BLAKSTAD TINA R	R. L. Polk & Co.

FINDINGS

Year	Uses	Source
1954	TAKAHAMA DON	R. L. Polk & Co.
1950	BLAKSTAD TINA R	Pacific Telephone

205 W SEPULVEDA ST

Year	Uses	Source
1957	KLAUMANN E	Pacific Telephone
1954	KLAUMANN E	R. L. Polk & Co.

209 W SEPULVEDA ST

Year	Uses	Source
2001	XXXX	Haines & Company, Inc.
1970	STRASIA M J	Pacific Telephone

210 W SEPULVEDA ST

Year	Uses	Source
1970	SAMS CAFE S	Pacific Telephone

211 W SEPULVEDA ST

Year	Uses	Source
2014	ALVIE MARSCH	Cole Information Services
2009	OCCUPANT UNKNOWN	Cole Information Services
2004	CARL MARSCH	Cole Information Services
2001	BEEOLEEvan	Haines & Company, Inc.
1985	CHALMERS DAVID J	Pacific Bell
	EMPIRICAL ENGINEERING	Pacific Bell
1980	BULLOCK FREDERICK W	Pacific Telephone
1975	BULLOCK FREDERICK W	Pacific Telephone
1970	BULLOCK FREDK W	Pacific Telephone
1964	BULLOCK FREDERICK W	Pacific Telephone
1960	BULLOCK FREDERICK W	Pacific Telephone
1957	BULLOCK NELL	Pacific Telephone
1954	BULLOCK NELL R	R. L. Polk & Co.
1950	BUILCCK NELL R	Pacific Telephone

212 W SEPULVEDA ST

Year	Uses	Source
2014	JACK ETHRIDGE	Cole Information Services
2009	PAUL GARCIA	Cole Information Services
2004	DAN ETHRIDGE	Cole Information Services
1999	PAUL GARCIA	Cole Information Services

FINDINGS

Year	Uses	Source
1954	BLINDHEIM ALFONS	R. L. Polk & Co.
1950	HERRERA FLORENCIO R	Pacific Telephone

213 W SEPULVEDA ST

Year	Uses	Source
1970	RICHARDSON BURTON F	Pacific Telephone
1964	RICHARDSON BURTON F	Pacific Telephone
1954	SHEPHAVEN	R. L. Polk & Co.

215 W SEPULVEDA ST

Year	Uses	Source
1960	STRASIA M J	Pacific Telephone

216 W SEPULVEDA ST

Year	Uses	Source
2014	NANCY SHEEHY	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
1985	SPARKS H W	Pacific Bell
1957	LYDON JAS M	Pacific Telephone
1954	GODFREY JACK R	R. L. Polk & Co.

219 W SEPULVEDA ST

Year	Uses	Source
1970	GUERRERO LOUIS	Pacific Telephone
1954	SOUDEN CHAS	R. L. Polk & Co.

222 W SEPULVEDA ST

Year	Uses	Source
2014	MARTIN SILVA	Cole Information Services
2009	MARTIN SILVA	Cole Information Services
2004	MARTIN SILVA	Cole Information Services
2001	CARSONThorsa	Haines & Company, Inc.
1999	MARTIN SILVA	Cole Information Services
1970	GREGG ALTA	Pacific Telephone
1960	ROJO GILBERT	Pacific Telephone
1957	ROLO GILBERT	Pacific Telephone
1954	ROJO GILBERT R	R. L. Polk & Co.
1950	ROJE GILBERT R	Pacific Telephone
1935	Quinton Chas L r	Los Angeles Directory Co.

FINDINGS

223 W SEPULVEDA ST

Year	Uses	Source
2014	GEORGE SINGER	Cole Information Services
2009	GEORGE SINGER	Cole Information Services
2004	SINGER CHARTERS	Cole Information Services
	GEORGE SINGER	Cole Information Services
2001	OGONZALEZClem Ont I	Haines & Company, Inc.
1999	GEORGE SINGER	Cole Information Services
1985	MC COOL C C	Pacific Bell
1980	MCCOOL C C	Pacific Telephone
1975	MCCOOL CLARA	Pacific Telephone
1970	MCCOOL CLARA	Pacific Telephone
1964	MCCOOL CLARA	Pacific Telephone
1960	MCCOOL WM P	Pacific Telephone
1957	MCCOOL WM P	Pacific Telephone
1954	MCCOOL WM P R	R. L. Polk & Co.
1950	MCCOOL WM P R	Pacific Telephone

224 W SEPULVEDA ST

Year	Uses	Source
2014	MARIA LOPE	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
2001	XXXX	Haines & Company, Inc.
1999	OCCUPANT UNKNOWN	Cole Information Services
1970	TIGER ELVA M	Pacific Telephone
1957	YOUNG CARL	Pacific Telephone
1954	NOLAN JAS G	R. L. Polk & Co.
1950	ROTERT LEON R	Pacific Telephone

225 W SEPULVEDA ST

Year	Uses	Source
1964	BLACK H H UNION OIL DEALER	Pacific Telephone

226 W SEPULVEDA ST

Year	Uses	Source
2014	OCCUPANT UNKNOWN	Cole Information Services
2004	OCCUPANT UNKNOWN	Cole Information Services
2001	XXXX	Haines & Company, Inc.
1985	MONTERO ISAAC LOPE	Pacific Bell
1957	BIANGA ARTHUR	Pacific Telephone

FINDINGS

Year	Uses	Source
1954	BEUM CLARA	R. L. Polk & Co.

233 W SEPULVEDA ST

Year	Uses	Source
1964	POPPYLAND KENNELS WILMINGTON	Pacific Telephone
1960	KENDALL L HOWARD POPPYLAND KENNELS WILMINGTON	Pacific Telephone

FINDINGS

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
103 SANTA CRUZ W	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
103 W SANTA CRUZ ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
103 W SANTA CRUZ ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
105 W SANTA CRUZ ST	2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
105 W SANTA CRUZ ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
107 W SANTA CRUZ ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
107 W SANTA CRUZ ST	2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
109 E SANTA CRUZ ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
109 W SANTA CRUZ ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
109 W SANTA CRUZ ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
110 OFARRELL W	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
110 W OFARRELL ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
110 W. O'Farrell Street	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
111 SANTA CRUZ W	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
111 W SANTA CRUZ ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
111 W SANTA CRUZ ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
113 SANTA CRUZ W	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
113 W SANTA CRUZ ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
113 W SANTA CRUZ ST	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
114 W. O'Farrell Street	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
115 W SANTA CRUZ ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
115 W SANTA CRUZ ST	2009, 2006, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
117 SANTA CRUZ W	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
117 W SANTA CRUZ ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
117 W SANTA CRUZ ST	2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
117 W. O'Farrell Street	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
123 W SANTA CRUZ ST	2006, 2004, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
126L W SANTA CRUZ ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
134 N HARBOR BLVD	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
139 N HARBOR BLVD	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
139B N HARBOR BLVD	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
139C N HARBOR BLVD	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
140 N HARBOR BLVD	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
142 W SANTA CRUZ ST	2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
145 N HARBOR BLVD	2014, 2009, 2006, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
508 N BEACON ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
146 W SANTA CRUZ ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
149 W SANTA CRUZ ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
14L0 W OFARRELL ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
161 W OFARRELL ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
163L W SANTA CRUZ ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
17O1 W SANTA CRUZ ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
194 W SANTA CRUZ ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
195 W SANTA CRUZ ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
200 N BEACON ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
200 N HARBOR BLVD	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
200 W OLIVER ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
201 N BEACON ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
201 N BEACON ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
201 W SANTA CRUZ ST	2006, 2004, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
201 W SANTA CRUZ ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
201 W SEPULVEDA ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
202 1/2 W OLIVER ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
202 W SANTA CRUZ ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
202 W SANTA CRUZ ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
203 HARBOR BLVD N	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
203 N HARBOR BLVD	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
203 N HARBOR BLVD	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
203 W SANTA CRUZ ST	2014, 2006, 2004, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
203 W SANTA CRUZ ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
203 W SEPULVEDA ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
204 W OLIVER ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
204 W SEPULVEDA ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
204 W SEPULVEDA ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
205 W OLIVER ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1969, 1967, 1966, 1963, 1961, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
205 W SANTA CRUZ ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
205 W SANTA CRUZ ST	2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
205 W SEPULVEDA ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
207 SANTA CRUZ W	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
207 W SANTA CRUZ ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
207 W SANTA CRUZ ST	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
209 SANTA CRUZ W	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
209 W OLIVER ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
209 W SANTA CRUZ ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
209 W SANTA CRUZ ST	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
209 W SEPULVEDA ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
210 1/2 W OLIVER ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
210 W SEPULVEDA ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
211 SEPULVEDA W	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
211 W OLIVER ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
211 W SANTA CRUZ ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
211 W SANTA CRUZ ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
211 W SEPULVEDA ST	2006, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
211 W SEPULVEDA ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
212 1/2 W OLIVER ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
212 W OLIVER ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
212 W SEPULVEDA ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
212 W SEPULVEDA ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
213 W SEPULVEDA ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
215 N HARBOR BLVD	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
215 W OLIVER ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
215 W SEPULVEDA ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
216 SEPULVEDA W	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
216 W SEPULVEDA ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
216 W SEPULVEDA ST	2009, 2006, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
219 W SEPULVEDA ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
220 W OLIVER ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
221 W OLIVER ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
222 1/2 W OLIVER ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
222 N HARBOR BLVD	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
222 SEPULVEDA W	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
222 W SEPULVEDA ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
222 W SEPULVEDA ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
223 N HARBOR BLVD	2014, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
223 W OFARRELL ST	2006, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
223 W OFARRELL ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
223 W SEPULVEDA ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
223 W SEPULVEDA ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
224 W OFARRELL ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
224 W SEPULVEDA ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
224 W SEPULVEDA ST	2009, 2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
225 W OLIVER ST	2006, 2004, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
225 W OLIVER ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
225 W SEPULVEDA ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
226 1/2 OFARRELL W	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
226 1/2 W OFARRELL ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
226 OFARRELL W	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
226 W OFARRELL ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
226 W OFARRELL ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
226 W SEPULVEDA ST	2009, 2006, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
226 W SEPULVEDA ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
228 1/2 W OFARRELL ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
228 W OFARRELL ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
228 W OFARRELL ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
230 1/2 OFARRELL W	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
230 W O FARRELL ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
230 W OFARRELL ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
230 W OFARRELL ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
232 1/2 OFARRELL W	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
232 OFARRELL W	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
232 W O FARRELL ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
232 W OFARRELL ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
232 W OFARRELL ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
233 1/2 W OFARRELL ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
233 HARBOR BLVD N	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
233 N HARBOR BLVD	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
233 N HARBOR BLVD	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
233 W SEPULVEDA ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
242 N HARBOR BLVD	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
245 N HARBOR BLVD	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
250 N HARBOR BLVD	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
259 N HARBOR BLVD	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
300 N HARBOR BLVD	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
300 N PALOS VERDES ST	2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
301 N HARBOR BLVD	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1923, 1921, 1920
302 N PALOS VERDES ST	2006, 2004, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
303 N HARBOR BLVD	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
304 N PALOS VERDES ST	2006, 2004, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
305 BEACON N	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
305 HARBOR BLVD N	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
305 N BEACON ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
305 N BEACON ST	2009, 2006, 2004, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
305 N HARBOR BLVD	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
305 N HARBOR BLVD	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
305 N HARBOR BLVD	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
305 N. Harbor Boulevard	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1994, 1992, 1991, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
306 N PALOS VERDES ST	2006, 2004, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
307 N HARBOR BLVD	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
308 N HARBOR BLVD	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
308 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
308 N PALOS VERDES ST	2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
309 N BEACON ST	2014, 2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
309 N HARBOR VIEW AVE	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
309 N. Harbor Boulevard	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
310 N HARBOR BLVD	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
310 N PALOS VERDES ST	2006, 2004, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
311 N HARBOR BLVD	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
311 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
311 N PALOS VERDES ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
311 N. Harbor Boulevard	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
312 N BEACON ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
312 N PALOS VERDES ST	2006, 2004, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
313 N PALOS VERDES ST	2014, 2009, 2006, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
313 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
313 PALOS VERDES N	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
314 N PALOS VERDES ST	2006, 2004, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
315 N PALOS VERDES ST	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
315 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
315 PALOS VERDES N	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
316 N PALOS VERDES ST	2006, 2004, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
318 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
318 N PALOS VERDES ST	2006, 2004, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
319 N BEACON ST	2014, 2009, 2006, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
319 N BEACON ST	2014, 2009, 2006, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
319 N PALOS VERDES ST	2006, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
319 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
319 N. Beacon Street	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
320 N HARBOR BLVD	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
320 N PALOS VERDES ST	2006, 2004, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
322 N PALOS VERDES ST	2006, 2004, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
323 N BEACON ST	2014, 2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
324 N PALOS VERDES ST	2006, 2004, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
324 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
325 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
325 N PALOS VERDES ST	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
326 N PALOS VERDES ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
327 N PALOS VERDES ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
327 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
328 N PALOS VERDES ST	2006, 2004, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
330 N PALOS VERDES ST	2006, 2004, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
331 N HARBOR BLVD	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
332 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
334 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
335 1/2 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
335 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
335 N PALOS VERDES ST	2006, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
336 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
338 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
341 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
341 N PALOS VERDES ST	2006, 2004, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
345 BEACON N	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
345 N BEACON	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
345 N BEACON ST	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
345 N BEACON ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1994, 1992, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
345 N BEACON ST	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
345 N. Beacon Street	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1994, 1992, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
351 N HARBOR BLVD	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
360 N HARBOR BLVD	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
380 N HARBOR BLVD	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
400 N Front Street	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
400 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
400 N PALOS VERDES ST	2014, 2006, 2004, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
400 PALOS VERDES N	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
402 N HARBOR BLVD	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1934, 1933, 1932, 1931, 1930, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
402 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
402 N PALOS VERDES ST	2006, 2004, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
402 PALOS VERDES N	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
403 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
403 N PALOS VERDES ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
404 N PALOS VERDES ST	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
404 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
404 PALOS VERDES N	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
405 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
405 N PALOS VERDES ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
406 N HARBOR BLVD	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
406 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
406 N PALOS VERDES ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
407 HARBOR BLVD N	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
407 N HARBOR BLVD	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
407 N HARBOR BLVD	2009, 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
407 N HARBOR BLVD	2009, 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
407 N PALOS VERDES ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
407 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
407 N. Beacon Street	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
407 N. Harbor Boulevard	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
407 PALOS VERDES N	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
408 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
408 N PALOS VERDES ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
409 N BEACON ST	2014, 2009, 2006, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
410 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
410 N PALOS VERDES ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
411 HARBOR BLVD N	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
411 N HARBOR BLVD	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
411 N HARBOR BLVD	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
412 N HARBOR BLVD	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
412 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
412 N PALOS VERDES ST	2014, 2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
412 PALOS VERDES N	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
414 N HARBOR BLVD	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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414 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
414 N PALOS VERDES ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
414 PALOS VERDES N	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
415 N BEACON ST	2014, 2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
416 N PALOS VERDES ST	2009, 2006, 2004, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
416 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
416 PALOS VERDES N	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
416 S BEACON ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
417 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
417 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
417 N PALOS VERDES ST	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
417 PALOS VERDES N	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
418 N HARBOR BLVD	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
418 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
418 N PALOS VERDES ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
419 N BEACON ST	2014, 2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
420 N PALOS VERDES ST	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
420 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
420 PALOS VERDES N	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
420 S BEACON ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
421 N HARBOR BLVD	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
422 1/2 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
422 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
422 N PALOS VERDES ST	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
422 PALOS VERDES N	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
424 N HARBOR BLVD	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
424 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
424 N PALOS VERDES ST	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
424 PALOS VERDES N	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
426 N HARBOR BLVD	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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426 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
426 N PALOS VERDES ST	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
426 PALOS VERDES N	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
428 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
428 N PALOS VERDES ST	2006, 2004, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
430 1/2 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
430 N PALOS VERDES ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
430 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
430 PALOS VERDES N	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
430 S BEACON ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
431 N HARBOR BLVD	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
431 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
431 N PALOS VERDES ST	2014, 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
431 PALOS VERDES N	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
432 1/2 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
432 N BEACON ST	2014, 2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
432 N PALOS VERDES ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
432 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
4321/2 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
433 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
433 N PALOS VERDES ST	2014, 2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
434 N PALOS VERDES ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
434 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
435 HARBOR BLVD N	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
435 N HARBOR BLVD	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
435 N HARBOR BLVD	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
436 N PALOS VERDES ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
436 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
437 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
437 N PALOS VERDES ST	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
438 N HARBOR BLVD	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
440 N HARBOR BLVD	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
440 S BEACON ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
444 S BEACON ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
451 N HARBOR BLVD	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
500 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
500 N PALOS VERDES ST	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
500 PALOS VERDES N	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
501 N BEACON ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
501 N HARBOR BLVD	2014, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
501 N HARBOR BLVD	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
502 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
502 N PALOS VERDES ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
503 N PALOS VERDES ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
503 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
503 PALOS VERDES N	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
504 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
504 N PALOS VERDES ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
506 N PALOS VERDES ST	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
506 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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Address Researched	Address Not Identified in Research Source
506 PALOS VERDES N	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
508 BEACON N	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
508 N BEACON ST	2014, 2009, 2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
508 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
508 N PALOS VERDES ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
509 N HARBOR BLVD	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
510 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
510 N PALOS VERDES ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
510 PALOS VERDES N	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
511 N HARBOR BLVD	2014, 2006, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

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511 N PALOS VERDES ST	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
511 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
511 PALOS VERDES N	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
512 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
512 N PALOS VERDES ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
514 N PALOS VERDES ST	2006, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
514 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
514 PALOS VERDES N	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
515 N BEACON	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1985, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
515 N BEACON ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
515 N BEACON ST	2009, 2006, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
516 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
516 N PALOS VERDES ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
518 N PALOS VERDES ST	2006, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
518 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
519 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
519 N PALOS VERDES ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
519 PALOS VERDES N	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
520 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
520 N PALOS VERDES ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
522 N PALOS VERDES ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
522 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
523 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
523 N PALOS VERDES ST	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
523 PALOS VERDES N	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
524 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
524 N PALOS VERDES ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
525 HARBOR BLVD N	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
525 N HARBOR BLVD	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
525 N HARBOR BLVD	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
525 N PALOS VERDES ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
525 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1960, 1958, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
526 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
526 N PALOS VERDES ST	2006, 2003, 2001, 2000, 1999, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
528 N PALOS VERDES ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
528 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
529 N HARBOR BLVD	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
530 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1923, 1921, 1920
530 N PALOS VERDES ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
531 N PALOS VERDES ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
532 N PALOS VERDES ST	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

FINDINGS

Address Researched	Address Not Identified in Research Source
532 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1956, 1955, 1954, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
532 PALOS VERDES N	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
533 N PALOS VERDES ST	2006, 2004, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
534 N PALOS VERDES ST	2014, 2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
534 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
536 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1957, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
536 N PALOS VERDES ST	2006, 2003, 2001, 2000, 1996, 1995, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
536 PALOS VERDES N	2014, 2009, 2006, 2004, 2003, 2001, 2000, 1999, 1996, 1994, 1992, 1991, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
538 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
538 N PALOS VERDES ST	2006, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

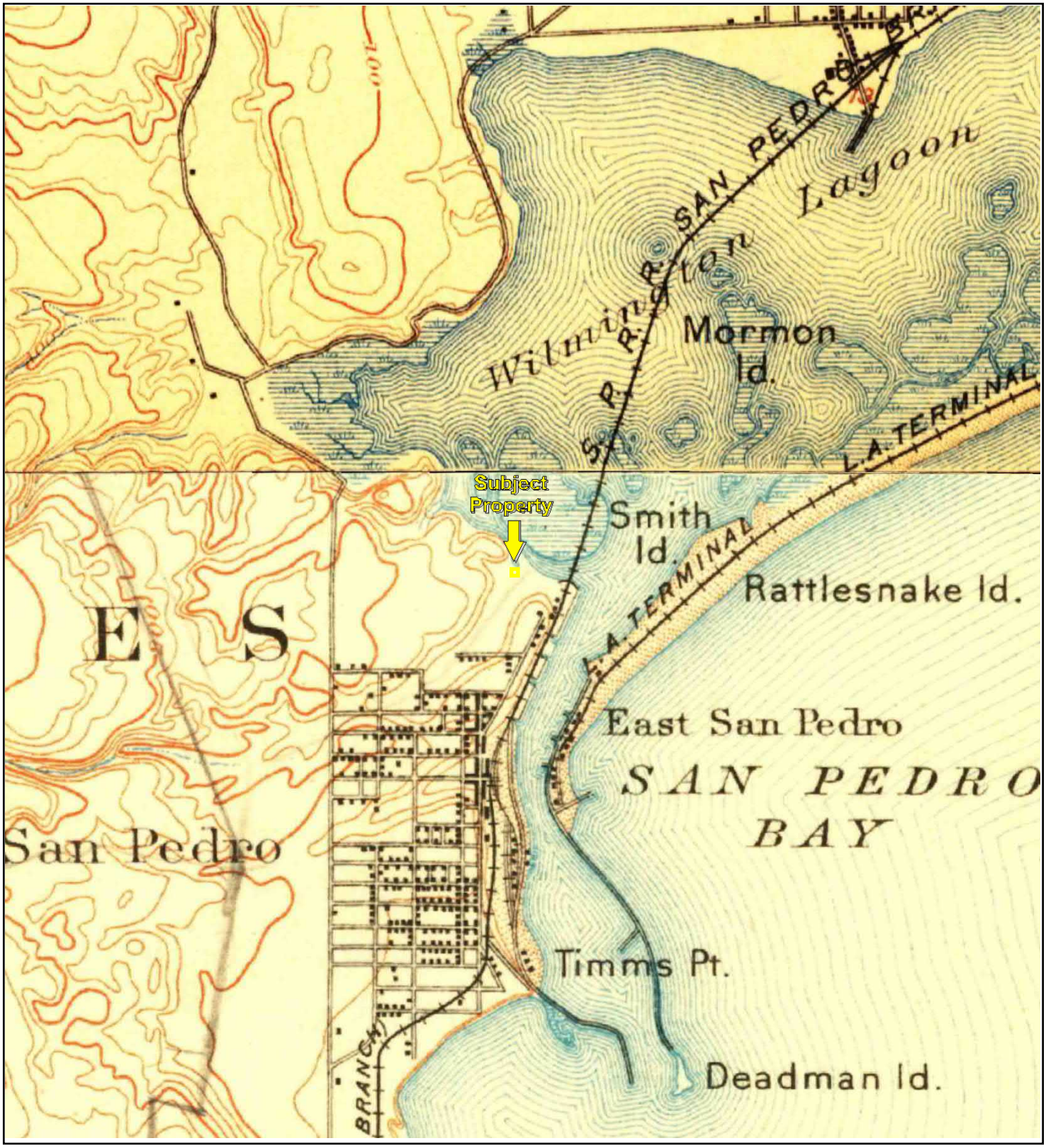
FINDINGS

Address Researched	Address Not Identified in Research Source
540 N PALOS VERDES ST	2014, 2009, 2006, 2004, 2003, 2000, 1999, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1981, 1980, 1976, 1975, 1972, 1971, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1958, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920
540 N PALOS VERDES ST	2006, 2004, 2003, 2001, 2000, 1996, 1995, 1994, 1992, 1991, 1990, 1986, 1985, 1981, 1980, 1976, 1975, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1954, 1952, 1951, 1950, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920

TARGET PROPERTY: ADDRESS NOT IDENTIFIED IN RESEARCH SOURCE

The following Target Property addresses were researched for this report, and the addresses were not identified in the research source.

Address Researched	Address Not Identified in Research Source
319- 327 N Harbor Blvd	2009, 2006, 2003, 2000, 1996, 1992, 1991, 1986, 1981, 1980, 1976, 1972, 1971, 1970, 1969, 1967, 1966, 1965, 1964, 1963, 1962, 1961, 1960, 1958, 1957, 1956, 1955, 1952, 1951, 1949, 1948, 1947, 1946, 1945, 1944, 1942, 1940, 1939, 1938, 1937, 1936, 1935, 1934, 1933, 1932, 1931, 1930, 1929, 1928, 1927, 1926, 1925, 1924, 1923, 1921, 1920



TP, San Pedro, 1896, 15-minute
NW, Redondo, 1896, 15-minute

0 Miles 0.25 0.5 1 1.5

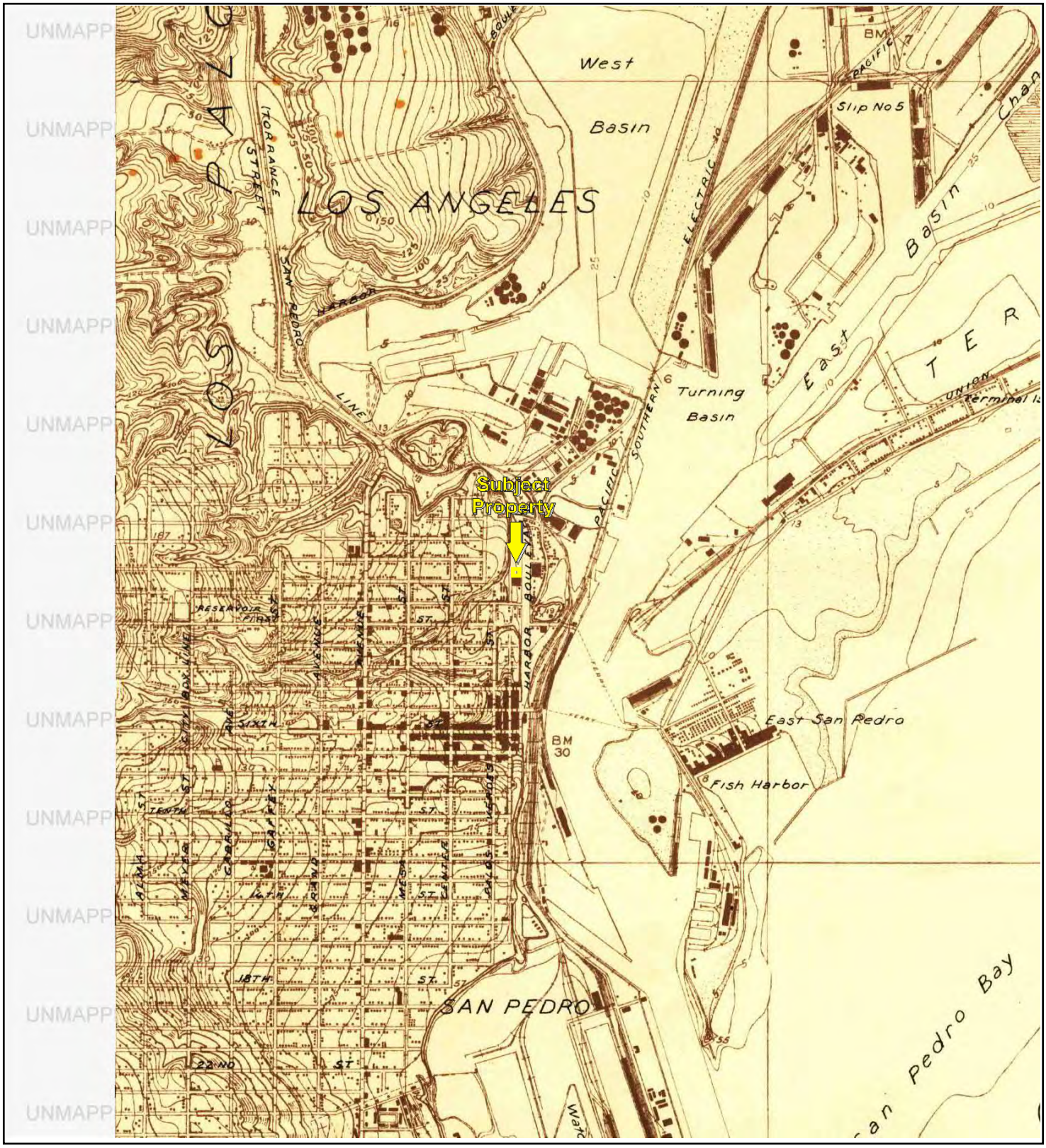
N

Key: Subject Property

APPENDIX B: Topographic Maps

Project No. 21-307707.1

PARTNER



TP, Wilmington, 1923, 7.5-minute

0 Miles 0.25 0.5 1 1.5

N

Key: Subject Property

APPENDIX B: Topographic Maps

Project No. 21-307707.1

PARTNER

TP, Wilmington, 1925, 7.5-minute
W, San Pedro Hills, 1925, 7.5-minute

0 Miles 0.25 0.5 1 1.5

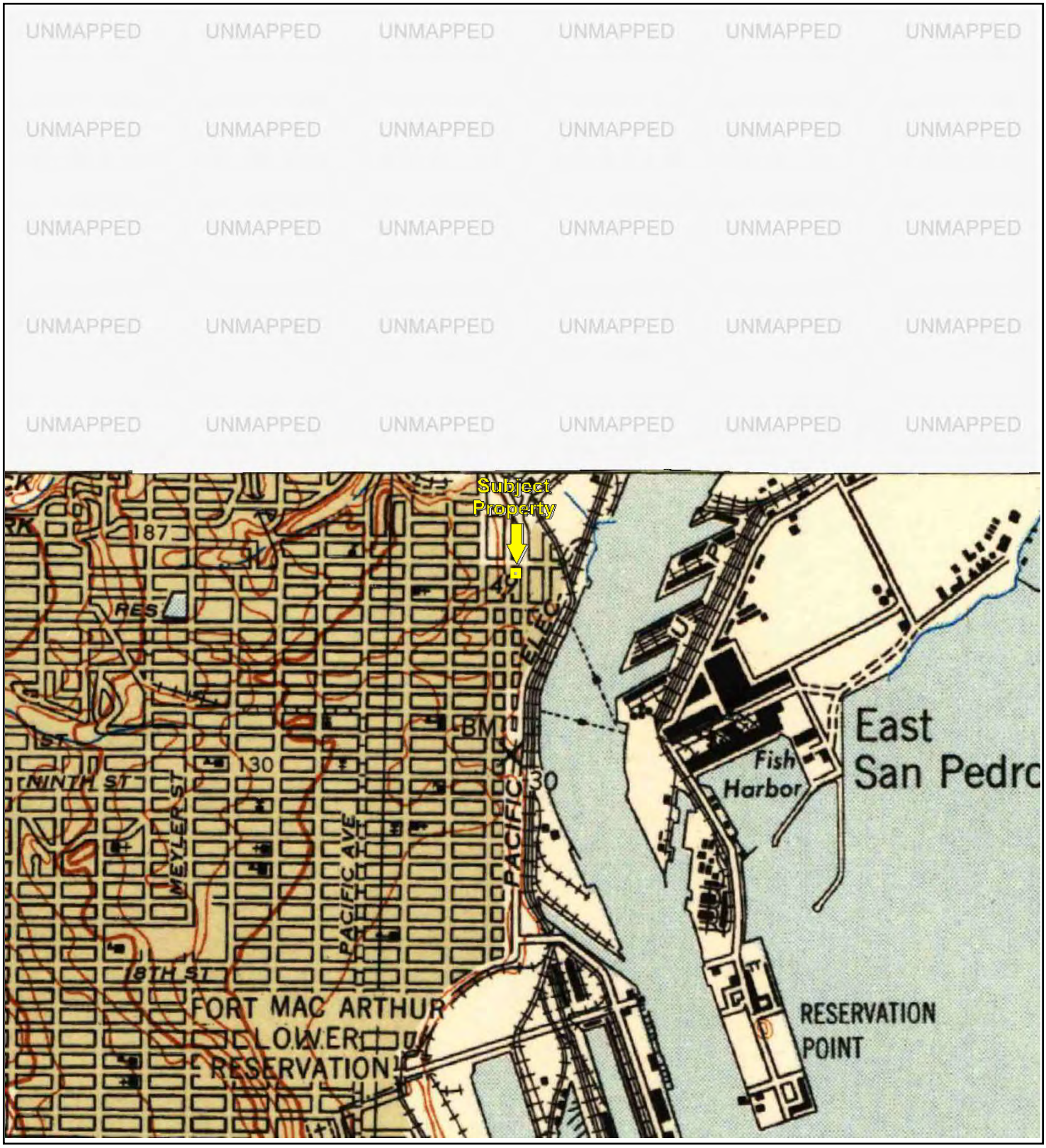
N

Key: Subject Property

APPENDIX B: Topographic Maps

Project No. 21-307707.1

PARTNER



TP, San Pedro, 1944, 15-minute

0 Miles 0.25 0.5 1 1.5

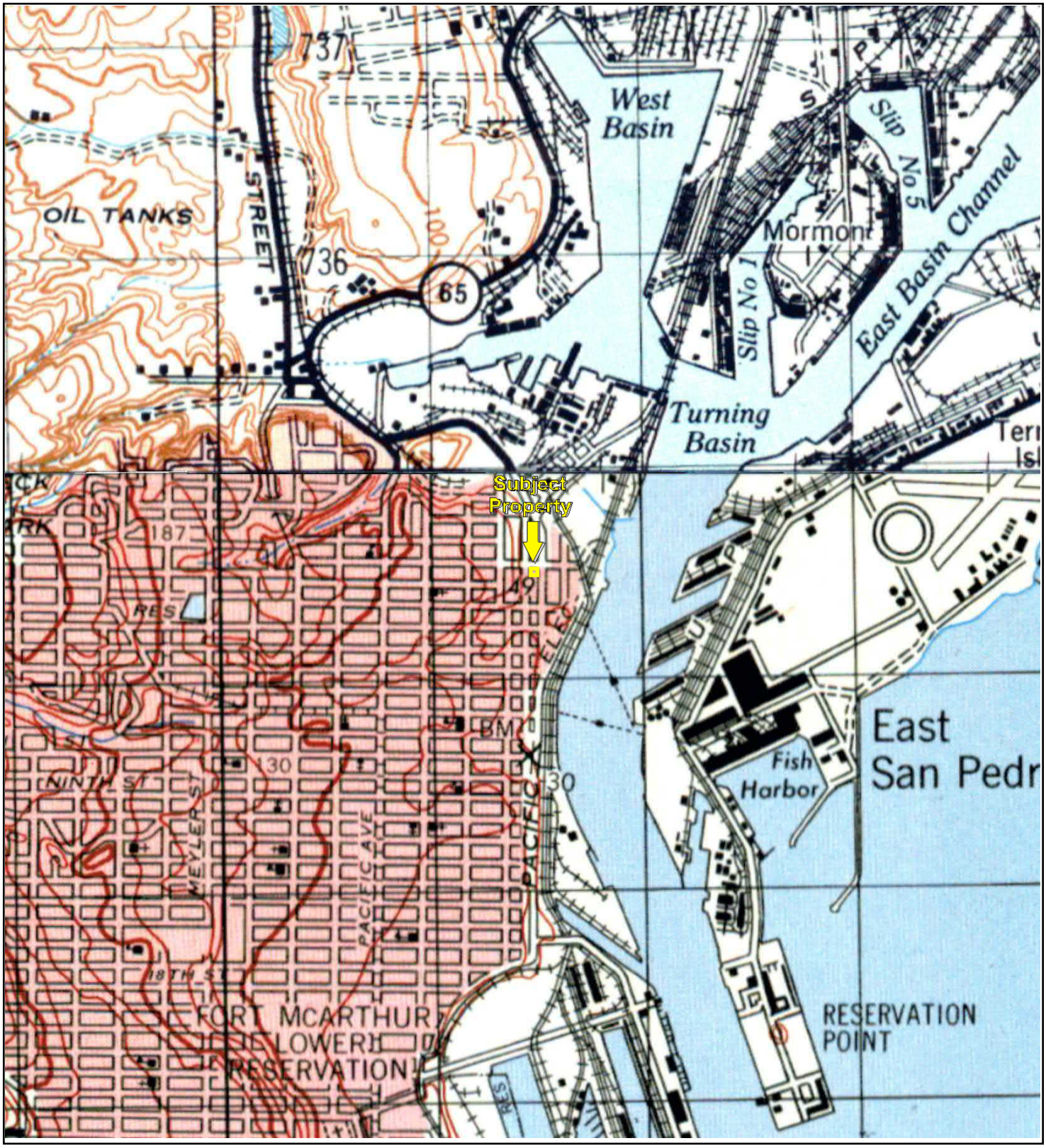
N

Key: Subject Property

APPENDIX B: Topographic Maps

Project No. 21-307707.1

PARTNER

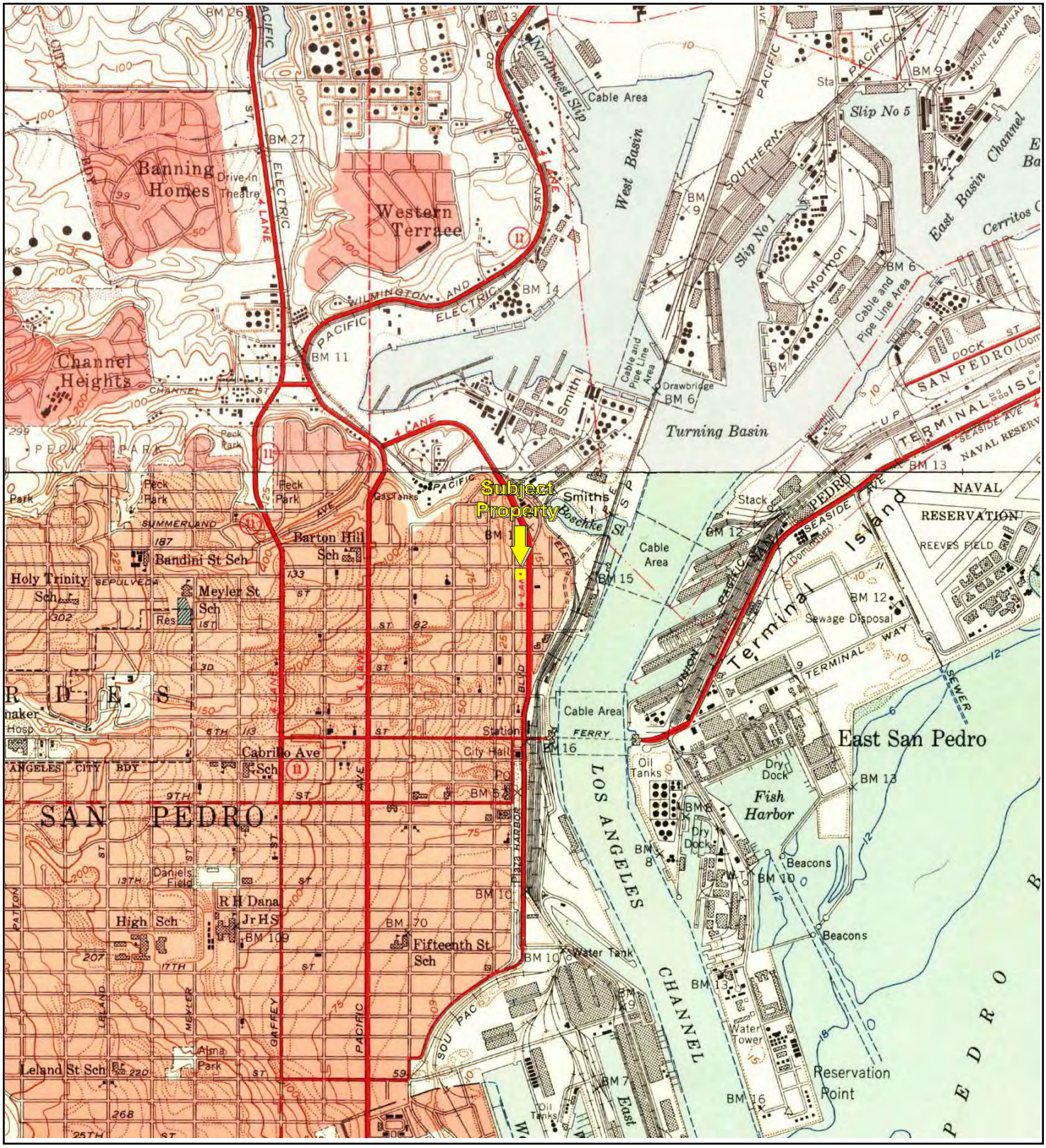


TP, SAN PEDRO, 1946, 15-minute
NW, REDONDO, 1948, 15-minute

0 Miles 0.25 0.5 1 1.5

N

Key: Subject Property



TP, San Pedro, 1951, 7.5-minute
N, Torrance, 1951, 7.5-minute

0 Miles 0.25 0.5 1 1.5

N

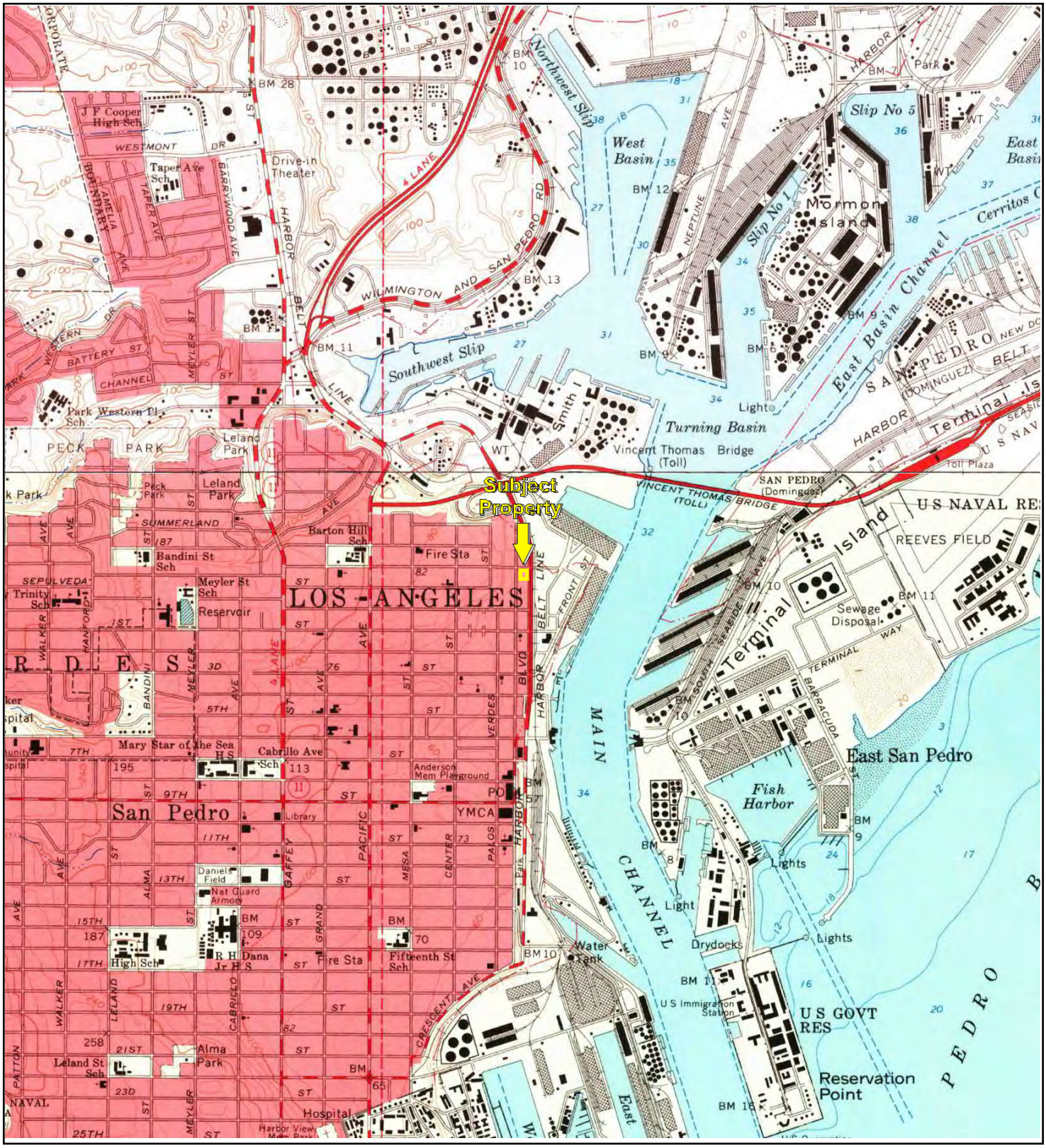
Key: Subject Property

APPENDIX B: Topographic Maps

Project No. 21-307707.1

PARTNER

Topographic Map Year: 1964



TP, San Pedro, 1964, 7.5-minute
N, Torrance, 1964, 7.5-minute

0 Miles 0.25 0.5 1 1.5

N

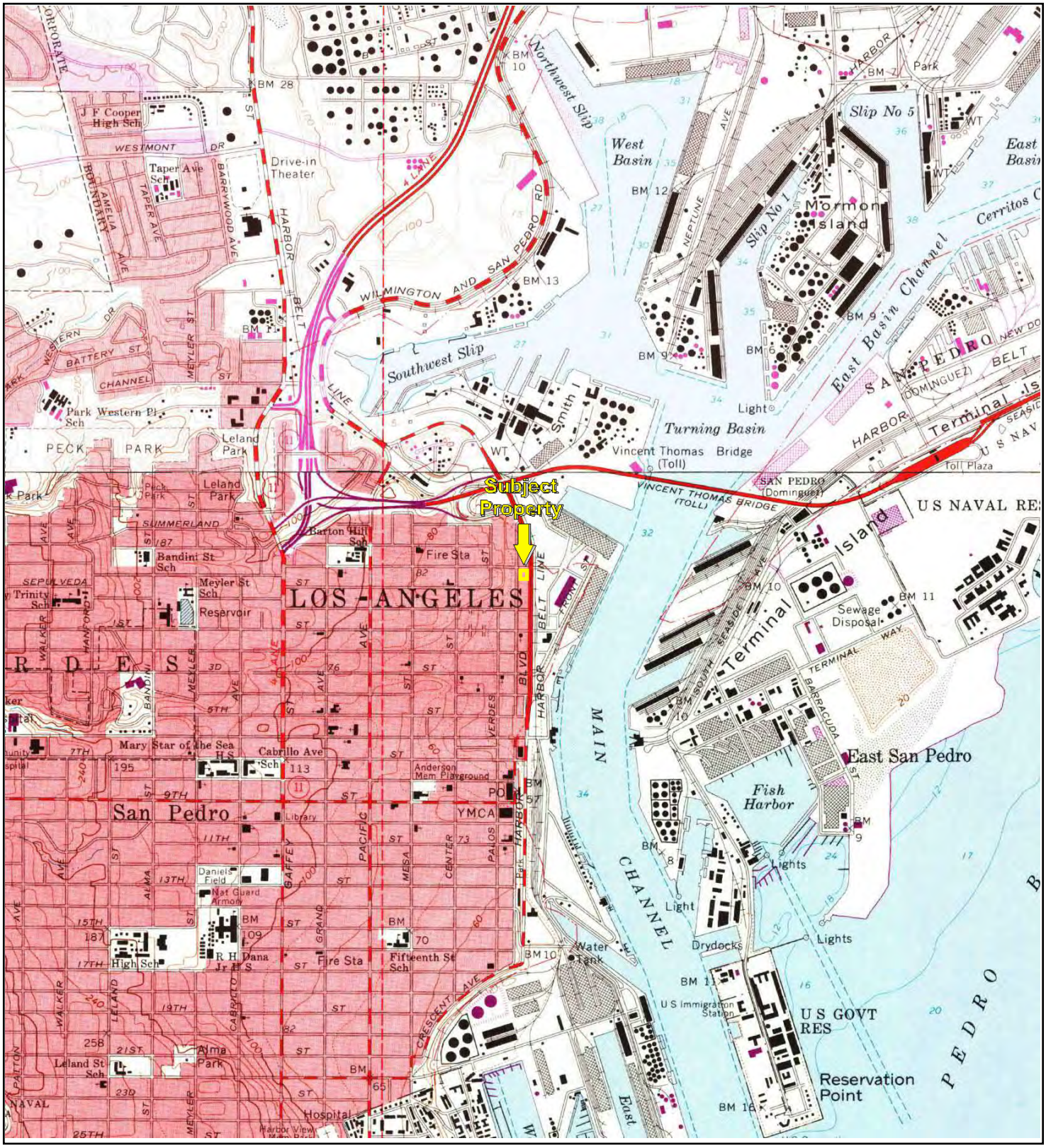
Key: Subject Property

APPENDIX B: Topographic Maps

Project No. 21-307707.1

PARTNER

Topographic Map Year: 1972



TP, San Pedro, 1972, 7.5-minute
N, Torrance, 1972, 7.5-minute

0 Miles 0.25 0.5 1 1.5

N

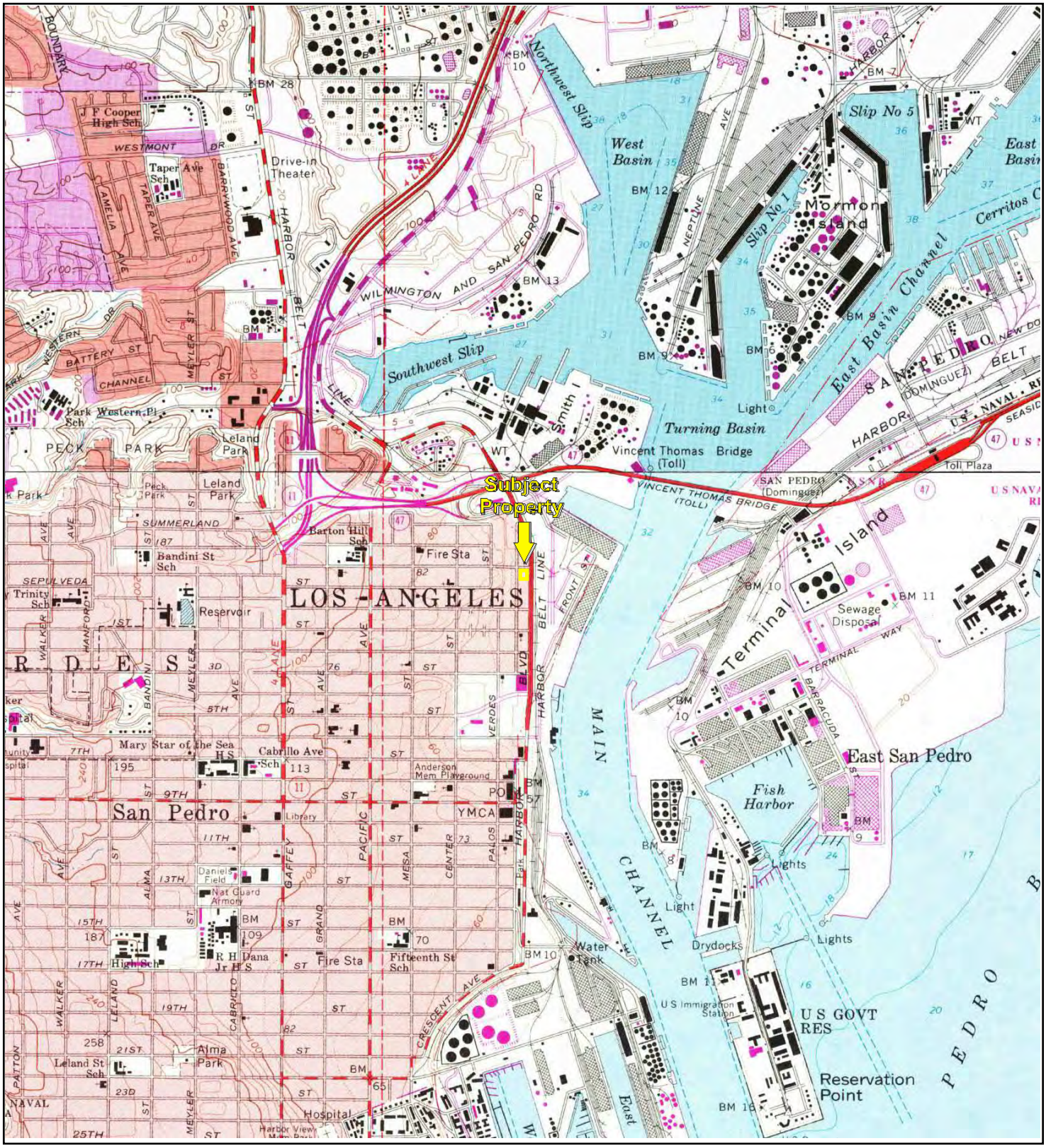
Key: Subject Property

APPENDIX B: Topographic Maps

Project No. 21-307707.1

PARTNER

Topographic Map Year: 1981



TP, San Pedro, 1981, 7.5-minute
N, Torrance, 1981, 7.5-minute

0 Miles 0.25 0.5 1 1.5

N

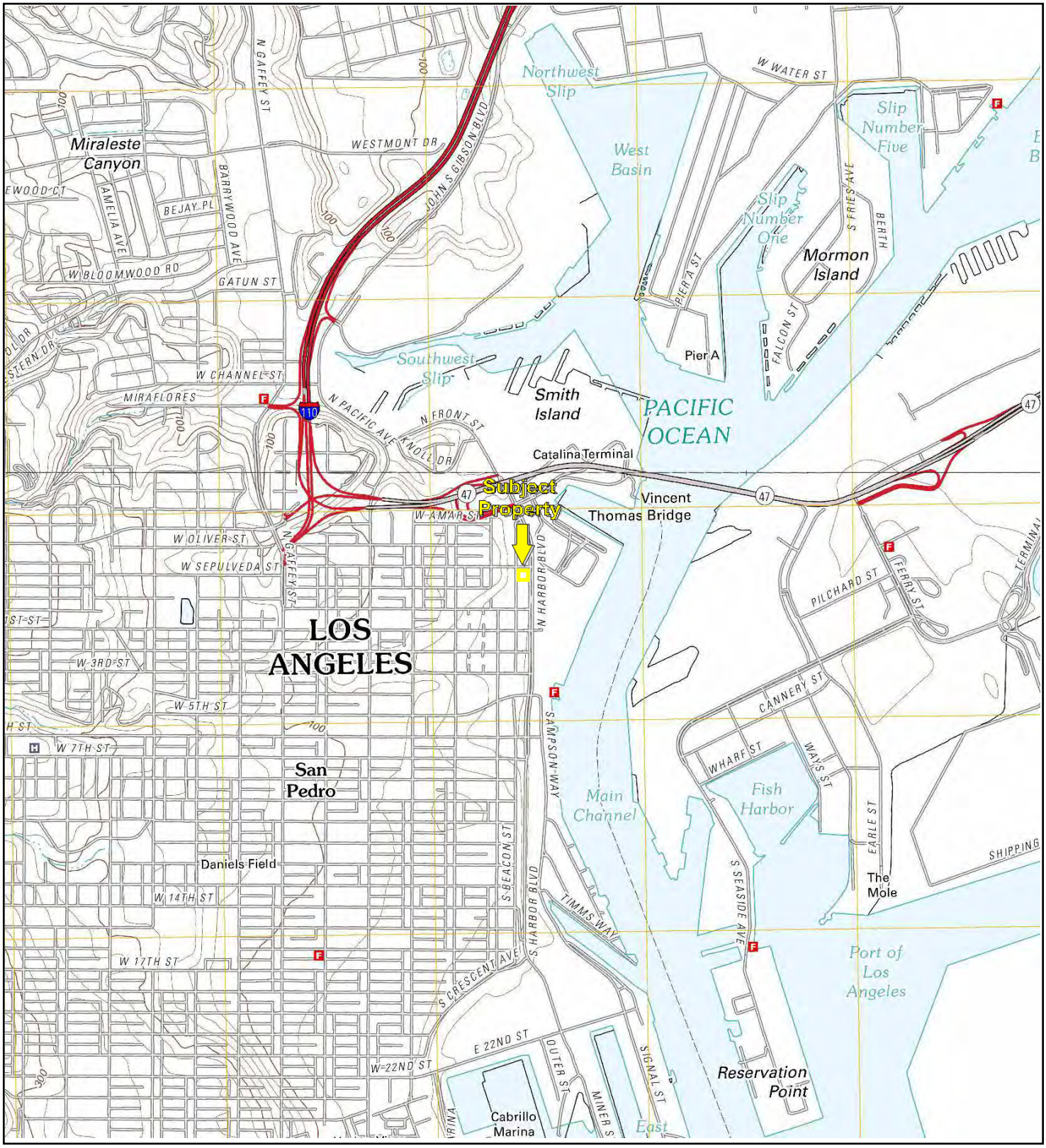
Key: Subject Property

APPENDIX B: Topographic Maps

Project No. 21-307707.1

PARTNER

Topographic Map Year: 2012



TP, San Pedro, 2012, 7.5-minute
N, Torrance, 2012, 7.5-minute

0 Miles 0.25 0.5 1 1.5

N

Key: Subject Property

APPENDIX B: Topographic Maps

Project No. 21-307707.1

PARTNER

Parcel Profile Report

Report date: 2/11/2021 3:24:28 PM

APN: 7449-014-013

Address:

Address:

City:

Owner:

Mailing Address:

Mailing City:

Lot Size Sq Ft: 9172

Lot Size Acres: 0.21

Legal Description:

LANDS OF THE PACIFIC COAST STEAMSHIP CO AT SAN PEDRO N 61 FT EX OF ST OF LOT 5 BLK 4

Use Code: 300V

Use Description: Industrial

Tax Rate Area: 13245

Transfer Date:

Last Sale Date:

Last Sale Amount:

Building 1

Design Type:	**Bedrooms:**
Quality Class Shape:	**Baths:**
Year Built:	**Bldg Sq Ft:**
Units:	**Effective Yr:**

NOTE: The information and materials contained herein are provided as a public service to provide planning and zoning information for the unincorporated areas of Los Angeles County. Parcel information shown on this page is from the Assessor's Office. The County has made every reasonable effort to ensure the accuracy of the information and materials contained within.

APN: 7449-014-013

Address:

General

Census Tract 2010

TRACT: 296210

TOT_POP: 3019

City and Community

City Name: LOS ANGELES

Type:

Community Name:

Jurisdiction: INCORPORATED CITY

Community Standards District

No Results Found

CSD Area Specific Boundary

No Results Found

DRP Field Office Service Area

No Results Found

DRP Service Area

Name: SERVICE AREA B (WEST)

Equestrian District

No Results Found

Historic Resources

No Results Found

Leased Parcel (Marina del Rey)

No Results Found

LUP Community/Area Plan

No Results Found

LUP General Plan

No Results Found

Rural Outdoor Lighting District (Dark Skies)

No Results Found

Significant Ecological Area (SEA)

No Results Found

Significant Ridgeline

No Results Found

Supervisorial District

Name: 4TH SUP. DISTRICT

Supervisor Name: 4TH DISTRICT:

District: 4

Transit Oriented District

No Results Found

Watershed

Name: DOMINGUEZ CHANNEL & L.A. HARBOR

Zoned District

No Results Found

Zoning (Boundary)

No Results Found

Zoning Map Grid

No Results Found

NOTE: The information and materials contained herein are provided as a public service to provide planning and zoning information for the unincorporated areas of Los Angeles County. Parcel information shown on this page is from the Assessor's Office. The County has made every reasonable effort to ensure the accuracy of the information and materials contained within.

APN: 7449-014-013

Address:

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Parcel Profile Report

Report date: 2/11/2021 3:12:58 PM

APN: 7449-014-014

Address: 327 N HARBOR BLVD LOS ANGELES CA 90731

Address: 327 N HARBOR BLVD

City: LOS ANGELES CA

Owner:

Mailing Address:

Mailing City:

Lot Size Sq Ft: 15032

Lot Size Acres: 0.35

Legal Description:

LANDS OF THE PACIFIC COAST STEAMSHIP CO AT SAN PEDRO EX OF ST LOT 6 BLK 4

Use Code: 300V

Use Description: Industrial

Tax Rate Area: 13245

Transfer Date:

Last Sale Date:

Last Sale Amount:

Building 1

Design Type:	**Bedrooms:**
Quality Class Shape:	**Baths:**
Year Built:	**Bldg Sq Ft:**
Units:	**Effective Yr:**

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APN: 7449-014-014

Address: 327 N HARBOR BLVD LOS ANGELES CA 90731

General

Census Tract 2010

TRACT: 296210

TOT_POP: 3019

City and Community

City Name: LOS ANGELES

Type:

Community Name:

Jurisdiction: INCORPORATED CITY

Community Standards District

No Results Found

CSD Area Specific Boundary

No Results Found

DRP Field Office Service Area

No Results Found

DRP Service Area

Name: SERVICE AREA B (WEST)

Equestrian District

No Results Found

Historic Resources

No Results Found

Leased Parcel (Marina del Rey)

No Results Found

LUP Community/Area Plan

No Results Found

LUP General Plan

No Results Found

Rural Outdoor Lighting District (Dark Skies)

No Results Found

Significant Ecological Area (SEA)

No Results Found

Significant Ridgeline

No Results Found

Supervisorial District

Name: 4TH SUP. DISTRICT

Supervisor Name: 4TH DISTRICT:

District: 4

Transit Oriented District

No Results Found

Watershed

Name: DOMINGUEZ CHANNEL & L.A. HARBOR

Zoned District

No Results Found

Zoning (Boundary)

No Results Found

Zoning Map Grid

No Results Found

NOTE: The information and materials contained herein are provided as a public service to provide planning and zoning information for the unincorporated areas of Los Angeles County. Parcel information shown on this page is from the Assessor's Office. The County has made every reasonable effort to ensure the accuracy of the information and materials contained within.

NOTE: The information and materials contained herein are provided as a public service to provide planning and zoning information for the unincorporated areas of Los Angeles County. Parcel information shown on this page is from the Assessor's Office. The County has made every reasonable effort to ensure the accuracy of the information and materials contained within.

City of Los Angeles
Department of City Planning

2/12/2021
PARCEL PROFILE REPORT

PROPERTY ADDRESSES

319 N HARBOR BLVD
316 N BEACON ST

ZIP CODES

90731

RECENT ACTIVITY

None

CASE NUMBERS

CPC-2018-6005-CA
CPC-2013-3169
CPC-2009-1557-CPU
CPC-2007-4053-CDO-ZC
CPC-2007-1513-GPA-ZC-HD-CDO-SPR
CPC-2005-8252-CA
CPC-2000-199-CRA
CPC-1982-30673
ORD-185541-SA171
ORD-185540
ORD-185539
ORD-181362
ORD-179935
ORD-159054
ORD-129279
DIR-2017-5253-CDO-SPR
ENV-2019-4121-ND
ENV-2018-6006-CE
ENV-2017-2502-CE
ENV-2013-3170-CE
ENV-2009-1558-EIR
ENV-2007-4058-ND
ENV-2007-1514-MND
ENV-2005-8253-ND
ND-83-88-ZC-HD

Address/Legal Information	
PIN Number	018B201 415
Lot/Parcel Area (Calculated)	9,172.8 (sq ft)
Thomas Brothers Grid	PAGE 824 - GRID C4
Assessor Parcel No. (APN)	7449014013
Tract	LANDS OF THE PACIFIC COAST STEAMSHIP CO.
Map Reference	M R 6-335
Block	4
Lot	FR 5
Arb (Lot Cut Reference)	3
Map Sheet	018B201
Jurisdictional Information	
Community Plan Area	San Pedro
Area Planning Commission	Harbor
Neighborhood Council	Central San Pedro
Council District	CD 15 - Joe Buscaino
Census Tract #	2962.10
LADBS District Office	San Pedro
Planning and Zoning Information	
Special Notes	None
Zoning	[T][Q]C2-2D-CPIO
Zoning Information (ZI)	ZI-2478 Community Plan Implementation Overlay: San Pedro
	ZI-2130 State Enterprise Zone: Harbor Gateway
	ZI-2488 Redevelopment Project Area: Pacific Corridor
	ZI-1117 MTA Right-of-Way (ROW) Project Area
	ZI-2452 Transit Priority Area in the City of Los Angeles
General Plan Land Use	Community Commercial
General Plan Note(s)	Yes
Hillside Area (Zoning Code)	No
Specific Plan Area	None
Subarea	None
Special Land Use / Zoning	None
Historic Preservation Review	No
Historic Preservation Overlay Zone	None
Other Historic Designations	None
Other Historic Survey Information	None
Mills Act Contract	None
CDO: Community Design Overlay	None
CPIO: Community Plan Imp. Overlay	San Pedro
Subarea	Central Commercial E
CUGU: Clean Up-Green Up	None
HCR: Hillside Construction Regulation	No
NSO: Neighborhood Stabilization Overlay	No
POD: Pedestrian Oriented Districts	None
RFA: Residential Floor Area District	None
RIO: River Implementation Overlay	No
SN: Sign District	No

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(*) - APN Area is provided "as is" from the Los Angeles County's Public Works, Flood Control, Benefit Assessment.

Streetscape	No
Adaptive Reuse Incentive Area	None
Affordable Housing Linkage Fee	
Residential Market Area	Low
Non-Residential Market Area	Medium
Transit Oriented Communities (TOC)	Not Eligible
RPA: Redevelopment Project Area	Pacific Corridor
Central City Parking	No
Downtown Parking	No
Building Line	None
500 Ft School Zone	No
500 Ft Park Zone	No
Assessor Information	
Assessor Parcel No. (APN)	7449014013
APN Area (Co. Public Works)*	0.209 (ac)
Use Code	300V - Industrial - Industrial - Vacant Land
Assessed Land Val.	$258,409
Assessed Improvement Val.	$0
Last Owner Change	03/26/2012
Last Sale Amount	$9
Tax Rate Area	13245
Deed Ref No. (City Clerk)	990331
	418259
Building 1	No data for building 1
Building 2	No data for building 2
Building 3	No data for building 3
Building 4	No data for building 4
Building 5	No data for building 5
Rent Stabilization Ordinance (RSO)	No [APN: 7449014013]
Additional Information	
Airport Hazard	None
Coastal Zone	None
Farmland	Area Not Mapped
Urban Agriculture Incentive Zone	YES
Very High Fire Hazard Severity Zone	No
Fire District No. 1	No
Flood Zone	Outside Flood Zone
Watercourse	No
Hazardous Waste / Border Zone Properties	No
Methane Hazard Site	None
High Wind Velocity Areas	No
Special Grading Area (BOE Basic Grid Map A-13372)	Yes
Wells	None
Seismic Hazards	
Active Fault Near-Source Zone	
Nearest Fault (Distance in km)	0.352044
Nearest Fault (Name)	Palos Verdes Fault Zone
Region	Transverse Ranges and Los Angeles Basin
Fault Type	B
Slip Rate (mm/year)	3.00000000
Slip Geometry	Right Lateral - Strike Slip
Slip Type	Moderately Constrained
Down Dip Width (km)	13.00000000
Rupture Top	0.00000000

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Rupture Bottom	13.00000000
Dip Angle (degrees)	90.00000000
Maximum Magnitude	7.30000000
Alquist-Priolo Fault Zone	No
Landslide	No
Liquefaction	Yes
Preliminary Fault Rupture Study Area	No
Tsunami Inundation Zone	No
Economic Development Areas	
Business Improvement District	None
Hubzone	Qualified
Opportunity Zone	Yes
Promise Zone	None
State Enterprise Zone	HARBOR GATEWAY STATE ENTERPRISE ZONE
Housing	
Direct all Inquiries to	Housing+Community Investment Department
Telephone	(866) 557-7368
Website	http://hcidla.lacity.org
Rent Stabilization Ordinance (RSO)	No [APN: 7449014013]
Ellis Act Property	No
AB 1482: Tenant Protection Act	No
Public Safety	
Police Information	
Bureau	South
Division / Station	Harbor
Reporting District	558
Fire Information	
Bureau	South
Batallion	6
District / Fire Station	112
Red Flag Restricted Parking	No

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CASE SUMMARIES

Note: Information for case summaries is retrieved from the Planning Department's Plan Case Tracking System (PCTS) database.

Case Number:	CPC-2018-6005-CA
Required Action(s):	CA-CODE AMENDMENT
Project Descriptions(s):	RESOLUTION TO TRANSFER THE LAND USE AUTHORITY FROM THE COMMUNITY REDEVELOPMENT AGENCY OF THE CITY OF LOS ANGELES, DESIGNATED LOCAL AUTHORITY (CRA/LA-DLA) TO THE CITY OF LOS ANGELES AND CODE AMENDMENT TO ESTABLISH PROCEDURES FOR THE IMPLEMENTATION OF UNEXPIRED REDEVELOPMENT PLANS AND UPDATE OTHER RELEVANT CODE PROVISIONS IN THE LOS ANGELES MUNICIPAL CODE TO FACILITATE THE TRANSFER OF LAND USE AUTHROITY FROM THE CRA/LA-DLA TO THE CITY OF LOS ANGELES.
Case Number:	CPC-2013-3169
Required Action(s):	Data Not Available
Project Descriptions(s):	THE PROPOSED PROJECT CONSISTS OF: (1) A TECHNICAL MODIFICATION TO SECTIONS 12.03, 12.04, 12.21, 12.22, 12.24, 13.11, 14.5, 16.05 AND 16.11 OF THE LOS ANGELES MUNICIPAL CODE (LAMC) TO REMOVE OR AMEND REFERENCES TO THE FORMER COMMUNITY REDEVELOPMENT AGENCY (CRA); (2) TECHNICAL CORRECTIONS TO CLARIFY EXISTING REGULATIONS IN THE LAMC THAT ARE IMPACTED BY THE TRANSFER OF LAND USE AUTHORITY; AND (3) A RESOLUTION REQUESTING THAT ALL LAND USE RELATED PLANS AND FUNCTIONS OF THE CRA/LA BE TRANSFERRED TO THE DEPARTMENT OF CITY PLANNING
Case Number:	CPC-2009-1557-CPU
Required Action(s):	CPU-COMMUNITY PLAN UPDATE
Project Descriptions(s):	SAN PEDRO COMMUNITY PLAN UPDATE
Case Number:	CPC-2007-4053-CDO-ZC
Required Action(s):	CDO-COMMUNITY DESIGN OVERLAY DISTRICT ZC-ZONE CHANGE
Project Descriptions(s):	CITY-INITIATED ESTABLISHMENT OF A COMMUNITY DESIGN OVERLAY PURSUANT TO MUNICIPAL CODE SEC. 13.08. THIS WILL BE ESTABLISHED CONCURRENT WITH THE SAN PEDRO COMMUNITY PLAN, CURRENTLY IN PROCESS.
Case Number:	CPC-2007-1513-GPA-ZC-HD-CDO-SPR
Required Action(s):	GPA-GENERAL PLAN AMENDMENT ZC-ZONE CHANGE HD-HEIGHT DISTRICT CDO-COMMUNITY DESIGN OVERLAY DISTRICT SPR-SITE PLAN REVIEW
Project Descriptions(s):	A PLAN AMENDMENT FROM LIMITED MANUFACTURING TO NEIGHBORHOOD COMMERCIAL, A ZONE CHANGE AND HEIGHT DISTRICT CHANGE FROM M1-1VL TO RAS4-1L, A CHANGE OF FOOTNOTE #3 TO MODIFY WORDING TO ALLOW 1L HEIGHT DISTRICT, AND A ZONING ADMINISTRATOR'S ADJUSTMENT TO INCREASE FAR.
Case Number:	CPC-2005-8252-CA
Required Action(s):	CA-CODE AMENDMENT
Project Descriptions(s):	AN ORDINANCE ESTABLISHING PERMANENT REGULATIONS IMPLEMENTING THE MELLO ACT IN THE COASTAL ZONE.
Case Number:	CPC-2000-199-CRA
Required Action(s):	CRA-COMMUNITY REDEVELOPMENT AGENCY
Project Descriptions(s):	PACIFIC CORRIDOR REDEVELOPMENT PLAN
Case Number:	CPC-1982-30673
Required Action(s):	Data Not Available
Project Descriptions(s):	
Case Number:	DIR-2017-5253-CDO-SPR
Required Action(s):	CDO-COMMUNITY DESIGN OVERLAY DISTRICT SPR-SITE PLAN REVIEW
Project Descriptions(s):	COMMUNITY DESIGN OVERLAY AND SITE PLAN REVIEW
Case Number:	ENV-2019-4121-ND
Required Action(s):	ND-NEGATIVE DECLARATION
Project Descriptions(s):	RESOLUTION TO TRANSFER THE LAND USE AUTHORITY FROM THE COMMUNITY REDEVELOPMENT AGENCY OF THE CITY OF LOS ANGELES, DESIGNATED LOCAL AUTHORITY (CRA/LA-DLA) TO THE CITY OF LOS ANGELES AND CODE AMENDMENT TO ESTABLISH PROCEDURES FOR THE IMPLEMENTATION OF UNEXPIRED REDEVELOPMENT PLANS AND UPDATE OTHER RELEVANT CODE PROVISIONS IN THE LOS ANGELES MUNICIPAL CODE TO FACILITATE THE TRANSFER OF LAND USE AUTHROITY FROM THE CRA/LA-DLA TO THE CITY OF LOS ANGELES.
Case Number:	ENV-2018-6006-CE
Required Action(s):	CE-CATEGORICAL EXEMPTION
Project Descriptions(s):	RESOLUTION TO TRANSFER THE LAND USE AUTHORITY FROM THE COMMUNITY REDEVELOPMENT AGENCY OF THE CITY OF LOS ANGELES, DESIGNATED LOCAL AUTHORITY (CRA/LA-DLA) TO THE CITY OF LOS ANGELES AND CODE AMENDMENT TO ESTABLISH PROCEDURES FOR THE IMPLEMENTATION OF UNEXPIRED REDEVELOPMENT PLANS AND UPDATE OTHER RELEVANT CODE PROVISIONS IN THE LOS ANGELES MUNICIPAL CODE TO FACILITATE THE TRANSFER OF LAND USE AUTHROITY FROM THE CRA/LA-DLA TO THE CITY OF LOS ANGELES.

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Case Number:	ENV-2017-2502-CE
Required Action(s):	CE-CATEGORICAL EXEMPTION
Project Descriptions(s):	ENVIRONMENTAL CLEARANCE
Case Number:	ENV-2013-3170-CE
Required Action(s):	CE-CATEGORICAL EXEMPTION
Project Descriptions(s):	THE PROPOSED PROJECT CONSISTS OF: (1) A TECHNICAL MODIFICATION TO SECTIONS 12.03, 12.04, 12.21, 12.22, 12.24, 13.11, 14.5, 16.05 AND 16.11 OF THE LOS ANGELES MUNICIPAL CODE (LAMC) TO REMOVE OR AMEND REFERENCES TO THE FORMER COMMUNITY REDEVELOPMENT AGENCY (CRA); (2) TECHNICAL CORRECTIONS TO CLARIFY EXISTING REGULATIONS IN THE LAMC THAT ARE IMPACTED BY THE TRANSFER OF LAND USE AUTHORITY; AND (3) A RESOLUTION REQUESTING THAT ALL LAND USE RELATED PLANS AND FUNCTIONS OF THE CRA/LA BE TRANSFERRED TO THE DEPARTMENT OF CITY PLANNING
Case Number:	ENV-2009-1558-EIR
Required Action(s):	EIR-ENVIRONMENTAL IMPACT REPORT
Project Descriptions(s):	SAN PEDRO COMMUNITY PLAN UPDATE
Case Number:	ENV-2007-4058-ND
Required Action(s):	ND-NEGATIVE DECLARATION
Project Descriptions(s):	CITY-INITIATED ESTABLISHMENT OF A COMMUNITY DESIGN OVERLAY PURSUANT TO MUNICIPAL CODE SEC. 13.08. THIS WILL BE ESTABLISHED CONCURRENT WITH THE SAN PEDRO COMMUNITY PLAN, CURRENTLY IN PROCESS.
Case Number:	ENV-2007-1514-MND
Required Action(s):	MND-MITIGATED NEGATIVE DECLARATION
Project Descriptions(s):	A PLAN AMENDMENT FROM LIMITED MANUFACTURING TO NEIGHBORHOOD COMMERCIAL, A ZONE CHANGE AND HEIGHT DISTRICT CHANGE FROM M1-1VL TO RAS4-1L, A CHANGE OF FOOTNOTE #3 TO MODIFY WORDING TO ALLOW 1L HEIGHT DISTRICT, AND A ZONING ADMINISTRATOR'S ADJUSTMENT TO INCREASE FAR.
Case Number:	ENV-2005-8253-ND
Required Action(s):	ND-NEGATIVE DECLARATION
Project Descriptions(s):	AN ORDINANCE ESTABLISHING PERMANENT REGULATIONS IMPLEMENTING THE MELLO ACT IN THE COASTAL ZONE.
Case Number:	ND-83-88-ZC-HD
Required Action(s):	ZC-ZONE CHANGE HD-HEIGHT DISTRICT
Project Descriptions(s):	Data Not Available

DATA NOT AVAILABLE

ORD-185541-SA171

ORD-185540

ORD-185539

ORD-181362

ORD-179935

ORD-159054

ORD-129279

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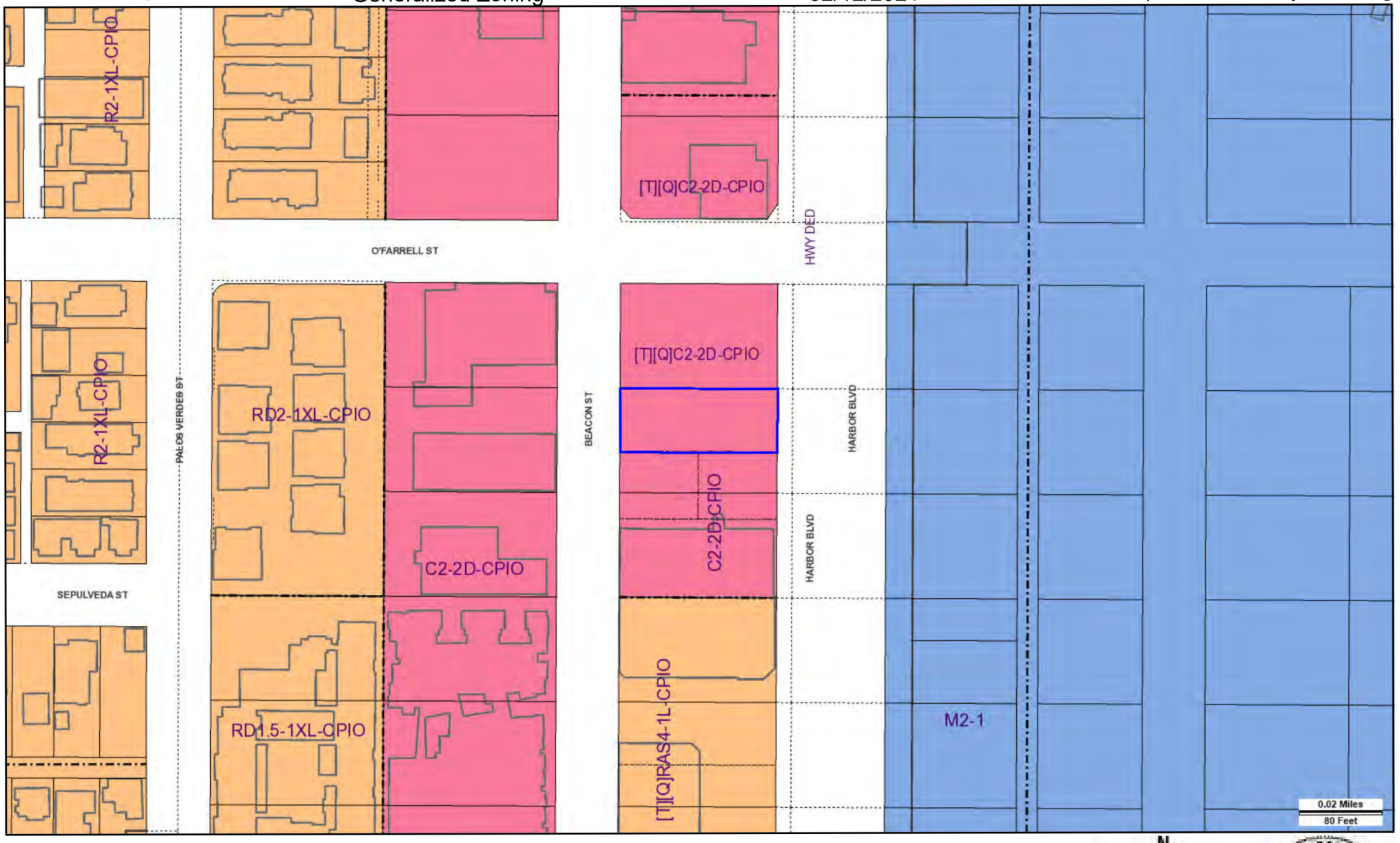
ZIMAS PUBLIC

Generalized Zoning

02/12/2021

City of Los Angeles
Department of City Planning



Address: 319 N HARBOR BLVD

Tract: LANDS OF THE PACIFIC COAST STEAMSHIP CO.

Zoning: [T][Q]C2-2D-CPIO

APN: 7449014013

Block: 4

General Plan: Community Commercial

PIN #: 018B201 415

Lot: FR 5

Arb: 3

N
W
E
S

LEGEND

GENERALIZED ZONING

- OS, GW
- A, RA
- RE, RS, R1, RU, RZ, RW1
- R2, RD, RMP, RW2, R3, RAS, R4, R5, PVSP
- CR, C1, C1.5, C2, C4, C5, CW, WC, ADP, LASED, CEC, USC, PPSP, MU, NMU
- CM, MR, CCS, UV, UI, UC, M1, M2, LAX, M3, SL, HJ, HR, NI
- P, PB
- PF

GENERAL PLAN LAND USE

LAND USE

RESIDENTIAL

- Minimum Residential
- Very Low / Very Low I Residential
- Very Low II Residential
- Low / Low I Residential
- Low II Residential
- Low Medium / Low Medium I Residential
- Low Medium II Residential
- Medium Residential
- High Medium Residential
- High Density Residential
- Very High Medium Residential

COMMERCIAL

- Limited Commercial
- Limited Commercial - Mixed Medium Residential
- Highway Oriented Commercial
- Highway Oriented and Limited Commercial
- Highway Oriented Commercial - Mixed Medium Residential
- Neighborhood Office Commercial
- Community Commercial
- Community Commercial -Mixed High Residential
- Regional Center Commercial

INDUSTRIAL

- Commercial Manufacturing
- Limited Manufacturing
- Light Manufacturing
- Heavy Manufacturing
- Hybrid Industrial

PARKING

- Parking Buffer

PORT OF LOS ANGELES

- General / Bulk Cargo - Non Hazardous (Industrial / Commercial)
- General / Bulk Cargo - Hazard
- Commercial Fishing
- Recreation and Commercial
- Intermodal Container Transfer Facility Site

LOS ANGELES INTERNATIONAL AIRPORT

- Airport Landside / Airport Landside Support
- Airport Airside
- LAX Airport Northside

OPEN SPACE / PUBLIC FACILITIES

- Open Space
- Public / Open Space
- Public / Quasi-Public Open Space
- Other Public Open Space
- Public Facilities

FRAMEWORK

COMMERCIAL

- Neighborhood Commercial
- General Commercial
- Community Commercial
- Regional Mixed Commercial

INDUSTRIAL

- Limited Industrial
- Light Industrial

CIRCULATION

STREET

- Arterial Mountain Road
- Collector Scenic Street
- Collector Street
- Collector Street (Hillside)
- Collector Street (Modified)
- Collector Street (Proposed)
- Country Road
- Divided Major Highway II
- Divided Secondary Scenic Highway
- Local Scenic Road
- Local Street
- Major Highway (Modified)
- Major Highway I
- Major Highway II
- Major Highway II (Modified)
- Major Scenic Highway
- Major Scenic Highway (Modified)
- Major Scenic Highway II
- Mountain Collector Street
- Park Road
- Parkway
- Principal Major Highway
- Private Street
- Scenic Divided Major Highway II
- Scenic Park
- Scenic Parkway
- Secondary Highway
- Secondary Highway (Modified)
- Secondary Scenic Highway
- Special Collector Street
- Super Major Highway

FREEWAYS

- Freeway
- Interchange
- On-Ramp / Off- Ramp
- Railroad
- Scenic Freeway Highway

MISC. LINES

- Airport Boundary
- Bus Line
- Coastal Zone Boundary
- Coastline Boundary
- Collector Scenic Street (Proposed)
- Commercial Areas
- Commercial Center
- Community Redevelopment Project Area
- Country Road
- DWP Power Lines
- Desirable Open Space
- Detached Single Family House
- Endangered Ridgeline
- Equestrian and/or Hiking Trail
- Hiking Trail
- Historical Preservation
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- Local Street
- MSA Desirable Open Space
- Major Scenic Controls
- Multi-Purpose Trail
- Natural Resource Reserve
- Park Road
- Park Road (Proposed)
- Quasi-Public
- Rapid Transit Line
- Residential Planned Development
- Scenic Highway (Obsolete)
- Secondary Scenic Controls
- Secondary Scenic Highway (Proposed)
- Site Boundary
- Southern California Edison Power
- Special Study Area
- Specific Plan Area
- Stagecoach Line
- Wildlife Corridor

POINTS OF INTEREST

- Alternative Youth Hostel (Proposed)
- Animal Shelter
- Area Library
- Area Library (Proposed)
- Bridge
- Campground
- Campground (Proposed)
- Cemetery
- HW Church
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- Cultural / Historical Site
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- SH Public Senior High School (Proposed)
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- Pumping Station (Proposed)
- Refuse Collection Center
- Regional Library
- Regional Library (Proposed Expansion)
- Regional Library (Proposed)
- Regional Park
- Regional Park (Proposed)
- RPD Residential Plan Development
- Scenic View Site
- Scenic View Site (Proposed)
- ADM School District Headquarters
- SC School Unspecified Loc/Type (Proposed)
- Skill Center
- SS Social Services
- Special Feature
- Special Recreation (a)
- SF Special School Facility
- SF Special School Facility (Proposed)
- Steam Plant
- sm Surface Mining
- Trail & Assembly Area
- Trail & Assembly Area (Proposed)
- UTL Utility Yard
- Water Tank Reservoir
- Wildlife Migration Corridor
- Wildlife Preserve Gate

SCHOOLS/PARKS WITH 500 FT. BUFFER

- Existing School/Park Site
- Planned School/Park Site
- Inside 500 Ft. Buffer

- Aquatic Facilities
- Beaches
- Child Care Centers
- Dog Parks
- Golf Course
- Historic Sites
- Horticulture/Gardens
- Skate Parks
- Other Facilities
- Park / Recreation Centers
- Parks
- Performing / Visual Arts Centers
- Recreation Centers
- Senior Citizen Centers
- Opportunity School
- Charter School
- Elementary School
- Span School
- Special Education School
- High School
- Middle School
- Early Education Center

COASTAL ZONE

- Coastal Zone Commission Authority
- Calvo Exclusion Area
- Not in Coastal Zone
- Dual Jurisdictional Coastal Zone

TRANSIT ORIENTED COMMUNITIES (TOC)

- Tier 1
- Tier 2
- Tier 3
- Tier 4

Note: TOC Tier designation and map layers are for reference purposes only. Eligible projects shall demonstrate compliance with Tier eligibility standards prior to the issuance of any permits or approvals. As transit service changes, eligible TOC Incentive Areas will be updated.

WAIVER OF DEDICATION OR IMPROVEMENT

- Public Work Approval (PWA)
- Waiver of Dedication or Improvement (WDI)

OTHER SYMBOLS

- Lot Line
- Tract Line
- Lot Cut
- Easement
- Zone Boundary
- Building Line
- Lot Split
- Community Driveway
- Building Outlines 2014
- Building Outlines 2008
- Airport Hazard Zone
- Census Tract
- Coastal Zone
- Council District
- LADBS District Office
- Downtown Parking
- Fault Zone
- Fire District No. 1
- Tract Map
- Parcel Map
- Flood Zone
- Hazardous Waste
- High Wind Zone
- Hillside Grading
- Historic Preservation Overlay Zone
- Specific Plan Area
- Very High Fire Hazard Severity Zone
- Wells

City of Los Angeles
Department of City Planning

2/12/2021
PARCEL PROFILE REPORT

PROPERTY ADDRESSES

327 N HARBOR BLVD
332 N BEACON ST

ZIP CODES

90731

RECENT ACTIVITY

None

CASE NUMBERS

CPC-2018-6005-CA
CPC-2013-3169
CPC-2009-1557-CPU
CPC-2007-4053-CDO-ZC
CPC-2007-1513-GPA-ZC-HD-CDO-SPR
CPC-2005-8252-CA
CPC-2000-199-CRA
CPC-1982-30673
ORD-185541-SA171
ORD-185540
ORD-185539
ORD-181362
ORD-179935
ORD-159054
ORD-129279
DIR-2017-5253-CDO-SPR
ENV-2019-4121-ND
ENV-2018-6006-CE
ENV-2017-2502-CE
ENV-2013-3170-CE
ENV-2009-1558-EIR
ENV-2007-4058-ND
ENV-2007-1514-MND
ENV-2005-8253-ND
ND-83-88-ZC-HD

Address/Legal Information	
PIN Number	018B201 390
Lot/Parcel Area (Calculated)	15,032.2 (sq ft)
Thomas Brothers Grid	PAGE 824 - GRID C4
Assessor Parcel No. (APN)	7449014014
Tract	LANDS OF THE PACIFIC COAST STEAMSHIP CO.
Map Reference	M R 6-335
Block	4
Lot	FR 6
Arb (Lot Cut Reference)	None
Map Sheet	018B201
Jurisdictional Information	
Community Plan Area	San Pedro
Area Planning Commission	Harbor
Neighborhood Council	Central San Pedro
Council District	CD 15 - Joe Buscaino
Census Tract #	2962.10
LADBS District Office	San Pedro
Planning and Zoning Information	
Special Notes	None
Zoning	[T][Q]C2-2D-CPIO
Zoning Information (ZI)	ZI-2478 Community Plan Implementation Overlay: San Pedro
	ZI-2130 State Enterprise Zone: Harbor Gateway
	ZI-2488 Redevelopment Project Area: Pacific Corridor
	ZI-1117 MTA Right-of-Way (ROW) Project Area
	ZI-2452 Transit Priority Area in the City of Los Angeles
	ZI-2427 Freeway Adjacent Advisory Notice for Sensitive Uses
General Plan Land Use	Community Commercial
General Plan Note(s)	Yes
Hillside Area (Zoning Code)	No
Specific Plan Area	None
Subarea	None
Special Land Use / Zoning	None
Historic Preservation Review	No
Historic Preservation Overlay Zone	None
Other Historic Designations	None
Other Historic Survey Information	None
Mills Act Contract	None
CDO: Community Design Overlay	None
CPIO: Community Plan Imp. Overlay	San Pedro
Subarea	Central Commercial E
CUGU: Clean Up-Green Up	None
HCR: Hillside Construction Regulation	No
NSO: Neighborhood Stabilization Overlay	No
POD: Pedestrian Oriented Districts	None
RFA: Residential Floor Area District	None
RIO: River Implementation Overlay	No

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SN: Sign District	No
Streetscape	No
Adaptive Reuse Incentive Area	None
Affordable Housing Linkage Fee	
Residential Market Area	Low
Non-Residential Market Area	Medium
Transit Oriented Communities (TOC)	Not Eligible
RPA: Redevelopment Project Area	Pacific Corridor
Central City Parking	No
Downtown Parking	No
Building Line	None
500 Ft School Zone	No
500 Ft Park Zone	No
Assessor Information	
Assessor Parcel No. (APN)	7449014014
APN Area (Co. Public Works)*	0.342 (ac)
Use Code	300V - Industrial - Industrial - Vacant Land
Assessed Land Val.	$424,942
Assessed Improvement Val.	$0
Last Owner Change	03/26/2012
Last Sale Amount	$9
Tax Rate Area	13245
Deed Ref No. (City Clerk)	3-53
	1428201
Building 1	No data for building 1
Building 2	No data for building 2
Building 3	No data for building 3
Building 4	No data for building 4
Building 5	No data for building 5
Rent Stabilization Ordinance (RSO)	No [APN: 7449014014]
Additional Information	
Airport Hazard	None
Coastal Zone	None
Farmland	Area Not Mapped
Urban Agriculture Incentive Zone	YES
Very High Fire Hazard Severity Zone	No
Fire District No. 1	No
Flood Zone	Outside Flood Zone
Watercourse	No
Hazardous Waste / Border Zone Properties	No
Methane Hazard Site	None
High Wind Velocity Areas	No
Special Grading Area (BOE Basic Grid Map A-13372)	Yes
Wells	None
Seismic Hazards	
Active Fault Near-Source Zone	
Nearest Fault (Distance in km)	0.33503616
Nearest Fault (Name)	Palos Verdes Fault Zone
Region	Transverse Ranges and Los Angeles Basin
Fault Type	B
Slip Rate (mm/year)	3.00000000
Slip Geometry	Right Lateral - Strike Slip
Slip Type	Moderately Constrained
Down Dip Width (km)	13.00000000

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Rupture Top	0.00000000
Rupture Bottom	13.00000000
Dip Angle (degrees)	90.00000000
Maximum Magnitude	7.30000000
Alquist-Priolo Fault Zone	No
Landslide	No
Liquefaction	Yes
Preliminary Fault Rupture Study Area	No
Tsunami Inundation Zone	No
Economic Development Areas	
Business Improvement District	None
Hubzone	Qualified
Opportunity Zone	Yes
Promise Zone	None
State Enterprise Zone	HARBOR GATEWAY STATE ENTERPRISE ZONE
Housing	
Direct all Inquiries to	Housing+Community Investment Department
Telephone	(866) 557-7368
Website	http://hcidla.lacity.org
Rent Stabilization Ordinance (RSO)	No [APN: 7449014014]
Ellis Act Property	No
AB 1482: Tenant Protection Act	No
Public Safety	
Police Information	
Bureau	South
Division / Station	Harbor
Reporting District	558
Fire Information	
Bureau	South
Batallion	6
District / Fire Station	112
Red Flag Restricted Parking	No

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CASE SUMMARIES

Note: Information for case summaries is retrieved from the Planning Department's Plan Case Tracking System (PCTS) database.

Case Number:	CPC-2018-6005-CA
Required Action(s):	CA-CODE AMENDMENT
Project Descriptions(s):	RESOLUTION TO TRANSFER THE LAND USE AUTHORITY FROM THE COMMUNITY REDEVELOPMENT AGENCY OF THE CITY OF LOS ANGELES, DESIGNATED LOCAL AUTHORITY (CRA/LA-DLA) TO THE CITY OF LOS ANGELES AND CODE AMENDMENT TO ESTABLISH PROCEDURES FOR THE IMPLEMENTATION OF UNEXPIRED REDEVELOPMENT PLANS AND UPDATE OTHER RELEVANT CODE PROVISIONS IN THE LOS ANGELES MUNICIPAL CODE TO FACILITATE THE TRANSFER OF LAND USE AUTHROITY FROM THE CRA/LA-DLA TO THE CITY OF LOS ANGELES.
Case Number:	CPC-2013-3169
Required Action(s):	Data Not Available
Project Descriptions(s):	THE PROPOSED PROJECT CONSISTS OF: (1) A TECHNICAL MODIFICATION TO SECTIONS 12.03, 12.04, 12.21, 12.22, 12.24, 13.11, 14.5, 16.05 AND 16.11 OF THE LOS ANGELES MUNICIPAL CODE (LAMC) TO REMOVE OR AMEND REFERENCES TO THE FORMER COMMUNITY REDEVELOPMENT AGENCY (CRA); (2) TECHNICAL CORRECTIONS TO CLARIFY EXISTING REGULATIONS IN THE LAMC THAT ARE IMPACTED BY THE TRANSFER OF LAND USE AUTHORITY; AND (3) A RESOLUTION REQUESTING THAT ALL LAND USE RELATED PLANS AND FUNCTIONS OF THE CRA/LA BE TRANSFERRED TO THE DEPARTMENT OF CITY PLANNING
Case Number:	CPC-2009-1557-CPU
Required Action(s):	CPU-COMMUNITY PLAN UPDATE
Project Descriptions(s):	SAN PEDRO COMMUNITY PLAN UPDATE
Case Number:	CPC-2007-4053-CDO-ZC
Required Action(s):	CDO-COMMUNITY DESIGN OVERLAY DISTRICT ZC-ZONE CHANGE
Project Descriptions(s):	CITY-INITIATED ESTABLISHMENT OF A COMMUNITY DESIGN OVERLAY PURSUANT TO MUNICIPAL CODE SEC. 13.08. THIS WILL BE ESTABLISHED CONCURRENT WITH THE SAN PEDRO COMMUNITY PLAN, CURRENTLY IN PROCESS.
Case Number:	CPC-2007-1513-GPA-ZC-HD-CDO-SPR
Required Action(s):	GPA-GENERAL PLAN AMENDMENT ZC-ZONE CHANGE HD-HEIGHT DISTRICT CDO-COMMUNITY DESIGN OVERLAY DISTRICT SPR-SITE PLAN REVIEW
Project Descriptions(s):	A PLAN AMENDMENT FROM LIMITED MANUFACTURING TO NEIGHBORHOOD COMMERCIAL, A ZONE CHANGE AND HEIGHT DISTRICT CHANGE FROM M1-1VL TO RAS4-1L, A CHANGE OF FOOTNOTE #3 TO MODIFY WORDING TO ALLOW 1L HEIGHT DISTRICT, AND A ZONING ADMINISTRATOR'S ADJUSTMENT TO INCREASE FAR.
Case Number:	CPC-2005-8252-CA
Required Action(s):	CA-CODE AMENDMENT
Project Descriptions(s):	AN ORDINANCE ESTABLISHING PERMANENT REGULATIONS IMPLEMENTING THE MELLO ACT IN THE COASTAL ZONE.
Case Number:	CPC-2000-199-CRA
Required Action(s):	CRA-COMMUNITY REDEVELOPMENT AGENCY
Project Descriptions(s):	PACIFIC CORRIDOR REDEVELOPMENT PLAN
Case Number:	CPC-1982-30673
Required Action(s):	Data Not Available
Project Descriptions(s):	
Case Number:	DIR-2017-5253-CDO-SPR
Required Action(s):	CDO-COMMUNITY DESIGN OVERLAY DISTRICT SPR-SITE PLAN REVIEW
Project Descriptions(s):	COMMUNITY DESIGN OVERLAY AND SITE PLAN REVIEW
Case Number:	ENV-2019-4121-ND
Required Action(s):	ND-NEGATIVE DECLARATION
Project Descriptions(s):	RESOLUTION TO TRANSFER THE LAND USE AUTHORITY FROM THE COMMUNITY REDEVELOPMENT AGENCY OF THE CITY OF LOS ANGELES, DESIGNATED LOCAL AUTHORITY (CRA/LA-DLA) TO THE CITY OF LOS ANGELES AND CODE AMENDMENT TO ESTABLISH PROCEDURES FOR THE IMPLEMENTATION OF UNEXPIRED REDEVELOPMENT PLANS AND UPDATE OTHER RELEVANT CODE PROVISIONS IN THE LOS ANGELES MUNICIPAL CODE TO FACILITATE THE TRANSFER OF LAND USE AUTHROITY FROM THE CRA/LA-DLA TO THE CITY OF LOS ANGELES.
Case Number:	ENV-2018-6006-CE
Required Action(s):	CE-CATEGORICAL EXEMPTION
Project Descriptions(s):	RESOLUTION TO TRANSFER THE LAND USE AUTHORITY FROM THE COMMUNITY REDEVELOPMENT AGENCY OF THE CITY OF LOS ANGELES, DESIGNATED LOCAL AUTHORITY (CRA/LA-DLA) TO THE CITY OF LOS ANGELES AND CODE AMENDMENT TO ESTABLISH PROCEDURES FOR THE IMPLEMENTATION OF UNEXPIRED REDEVELOPMENT PLANS AND UPDATE OTHER RELEVANT CODE PROVISIONS IN THE LOS ANGELES MUNICIPAL CODE TO FACILITATE THE TRANSFER OF LAND USE AUTHROITY FROM THE CRA/LA-DLA TO THE CITY OF LOS ANGELES.

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Case Number:	ENV-2017-2502-CE
Required Action(s):	CE-CATEGORICAL EXEMPTION
Project Descriptions(s):	ENVIRONMENTAL CLEARANCE
Case Number:	ENV-2013-3170-CE
Required Action(s):	CE-CATEGORICAL EXEMPTION
Project Descriptions(s):	THE PROPOSED PROJECT CONSISTS OF: (1) A TECHNICAL MODIFICATION TO SECTIONS 12.03, 12.04, 12.21, 12.22, 12.24, 13.11, 14.5, 16.05 AND 16.11 OF THE LOS ANGELES MUNICIPAL CODE (LAMC) TO REMOVE OR AMEND REFERENCES TO THE FORMER COMMUNITY REDEVELOPMENT AGENCY (CRA); (2) TECHNICAL CORRECTIONS TO CLARIFY EXISTING REGULATIONS IN THE LAMC THAT ARE IMPACTED BY THE TRANSFER OF LAND USE AUTHORITY; AND (3) A RESOLUTION REQUESTING THAT ALL LAND USE RELATED PLANS AND FUNCTIONS OF THE CRA/LA BE TRANSFERRED TO THE DEPARTMENT OF CITY PLANNING
Case Number:	ENV-2009-1558-EIR
Required Action(s):	EIR-ENVIRONMENTAL IMPACT REPORT
Project Descriptions(s):	SAN PEDRO COMMUNITY PLAN UPDATE
Case Number:	ENV-2007-4058-ND
Required Action(s):	ND-NEGATIVE DECLARATION
Project Descriptions(s):	CITY-INITIATED ESTABLISHMENT OF A COMMUNITY DESIGN OVERLAY PURSUANT TO MUNICIPAL CODE SEC. 13.08. THIS WILL BE ESTABLISHED CONCURRENT WITH THE SAN PEDRO COMMUNITY PLAN, CURRENTLY IN PROCESS.
Case Number:	ENV-2007-1514-MND
Required Action(s):	MND-MITIGATED NEGATIVE DECLARATION
Project Descriptions(s):	A PLAN AMENDMENT FROM LIMITED MANUFACTURING TO NEIGHBORHOOD COMMERCIAL, A ZONE CHANGE AND HEIGHT DISTRICT CHANGE FROM M1-1VL TO RAS4-1L, A CHANGE OF FOOTNOTE #3 TO MODIFY WORDING TO ALLOW 1L HEIGHT DISTRICT, AND A ZONING ADMINISTRATOR'S ADJUSTMENT TO INCREASE FAR.
Case Number:	ENV-2005-8253-ND
Required Action(s):	ND-NEGATIVE DECLARATION
Project Descriptions(s):	AN ORDINANCE ESTABLISHING PERMANENT REGULATIONS IMPLEMENTING THE MELLO ACT IN THE COASTAL ZONE.
Case Number:	ND-83-88-ZC-HD
Required Action(s):	ZC-ZONE CHANGE HD-HEIGHT DISTRICT
Project Descriptions(s):	Data Not Available

DATA NOT AVAILABLE

ORD-185541-SA171

ORD-185540

ORD-185539

ORD-181362

ORD-179935

ORD-159054

ORD-129279

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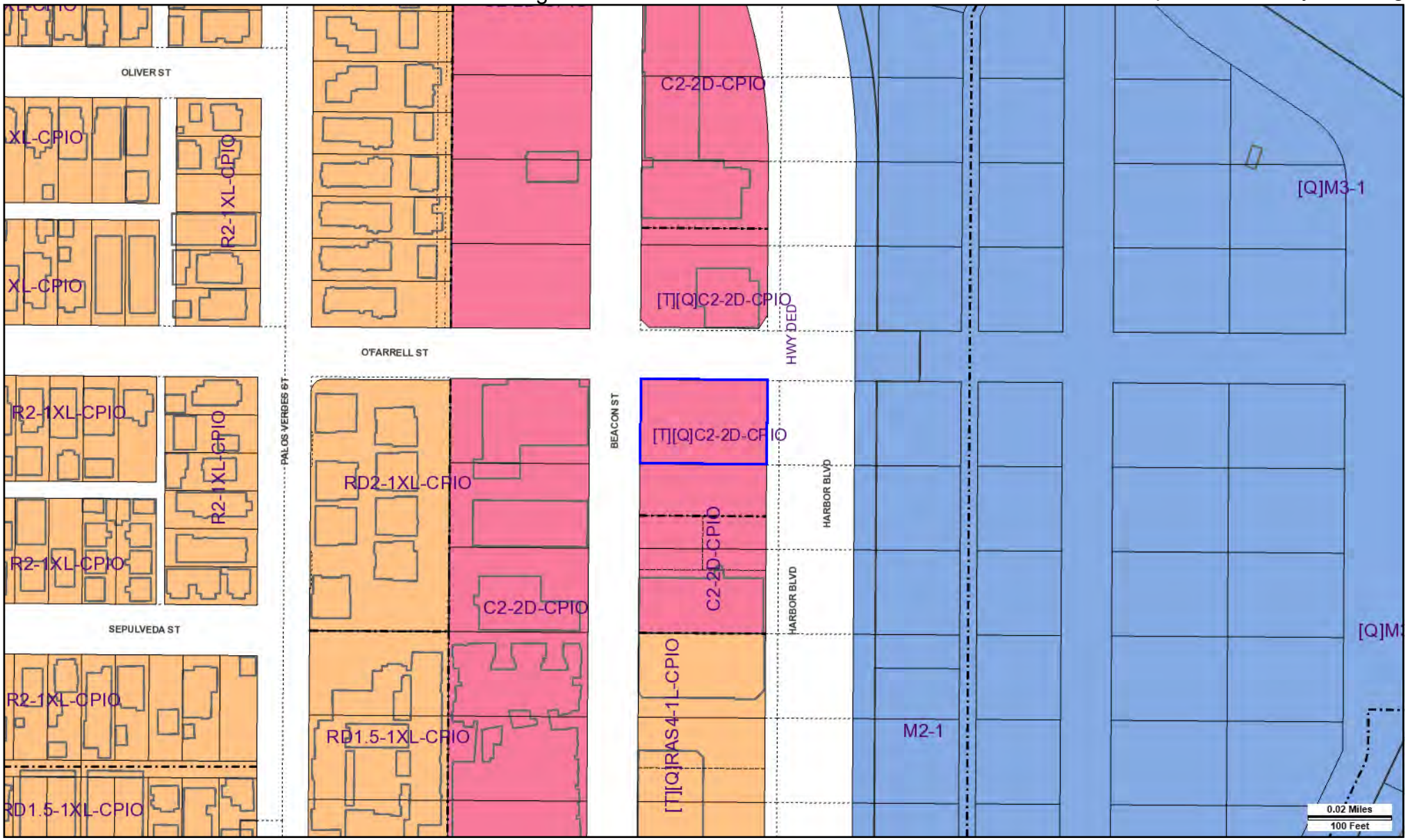
ZIMAS PUBLIC

Generalized Zoning

02/12/2021

City of Los Angeles
Department of City Planning



Address: 327 N HARBOR BLVD

APN: 7449014014

PIN #: 018B201 390

Tract: LANDS OF THE PACIFIC COAST STEAMSHIP CO.

Block: 4

Lot: FR 6

Arb: None

Zoning: [T][Q]C2-2D-CPIO

General Plan: Community Commercial

N W E S

LEGEND

GENERALIZED ZONING

- OS, GW
- A, RA
- RE, RS, R1, RU, RZ, RW1
- R2, RD, RMP, RW2, R3, RAS, R4, R5, PVSP
- CR, C1, C1.5, C2, C4, C5, CW, WC, ADP, LASED, CEC, USC, PPSP, MU, NMU
- CM, MR, CCS, UV, UI, UC, M1, M2, LAX, M3, SL, HJ, HR, NI
- P, PB
- PF

GENERAL PLAN LAND USE

LAND USE

RESIDENTIAL

- Minimum Residential
- Very Low / Very Low I Residential
- Very Low II Residential
- Low / Low I Residential
- Low II Residential
- Low Medium / Low Medium I Residential
- Low Medium II Residential
- Medium Residential
- High Medium Residential
- High Density Residential
- Very High Medium Residential

COMMERCIAL

- Limited Commercial
- Limited Commercial - Mixed Medium Residential
- Highway Oriented Commercial
- Highway Oriented and Limited Commercial
- Highway Oriented Commercial - Mixed Medium Residential
- Neighborhood Office Commercial
- Community Commercial
- Community Commercial -Mixed High Residential
- Regional Center Commercial

INDUSTRIAL

- Commercial Manufacturing
- Limited Manufacturing
- Light Manufacturing
- Heavy Manufacturing
- Hybrid Industrial

PARKING

- Parking Buffer

PORT OF LOS ANGELES

- General / Bulk Cargo - Non Hazardous (Industrial / Commercial)
- General / Bulk Cargo - Hazard
- Commercial Fishing
- Recreation and Commercial
- Intermodal Container Transfer Facility Site

LOS ANGELES INTERNATIONAL AIRPORT

- Airport Landside / Airport Landside Support
- Airport Airside
- LAX Airport Northside

OPEN SPACE / PUBLIC FACILITIES

- Open Space
- Public / Open Space
- Public / Quasi-Public Open Space
- Other Public Open Space
- Public Facilities

FRAMEWORK

COMMERCIAL

- Neighborhood Commercial
- General Commercial
- Community Commercial
- Regional Mixed Commercial

INDUSTRIAL

- Limited Industrial
- Light Industrial

CIRCULATION

STREET

- Arterial Mountain Road
- Collector Scenic Street
- Collector Street
- Collector Street (Hillside)
- Collector Street (Modified)
- Collector Street (Proposed)
- Country Road
- Divided Major Highway II
- Divided Secondary Scenic Highway
- Local Scenic Road
- Local Street
- Major Highway (Modified)
- Major Highway I
- Major Highway II
- Major Highway II (Modified)
- Major Scenic Highway
- Major Scenic Highway (Modified)
- Major Scenic Highway II
- Mountain Collector Street
- Park Road
- Parkway
- Principal Major Highway
- Private Street
- Scenic Divided Major Highway II
- Scenic Park
- Scenic Parkway
- Secondary Highway
- Secondary Highway (Modified)
- Secondary Scenic Highway
- Special Collector Street
- Super Major Highway

FREEWAYS

- Freeway
- Interchange
- On-Ramp / Off- Ramp
- Railroad
- Scenic Freeway Highway

MISC. LINES

- Airport Boundary
- Bus Line
- Coastal Zone Boundary
- Coastline Boundary
- Collector Scenic Street (Proposed)
- Commercial Areas
- Commercial Center
- Community Redevelopment Project Area
- Country Road
- DWP Power Lines
- Desirable Open Space
- Detached Single Family House
- Endangered Ridgeline
- Equestrian and/or Hiking Trail
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- Historical Preservation
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- SF Special School Facility
- SF Special School Facility (Proposed)
- Steam Plant
- sm Surface Mining
- Trail & Assembly Area
- Trail & Assembly Area (Proposed)
- UTL Utility Yard
- Water Tank Reservoir
- Wildlife Migration Corridor
- Wildlife Preserve Gate

SCHOOLS/PARKS WITH 500 FT. BUFFER

- Existing School/Park Site
- Planned School/Park Site
- Inside 500 Ft. Buffer

- Aquatic Facilities
- Beaches
- Child Care Centers
- Dog Parks
- Golf Course
- Historic Sites
- Horticulture/Gardens
- Skate Parks
- Other Facilities
- Park / Recreation Centers
- Parks
- Performing / Visual Arts Centers
- Recreation Centers
- Senior Citizen Centers
- Opportunity School
- Charter School
- Elementary School
- Span School
- Special Education School
- High School
- Middle School
- Early Education Center

COASTAL ZONE

- Coastal Zone Commission Authority
- Calvo Exclusion Area
- Not in Coastal Zone
- Dual Jurisdictional Coastal Zone

TRANSIT ORIENTED COMMUNITIES (TOC)

- Tier 1
- Tier 2
- Tier 3
- Tier 4

Note: TOC Tier designation and map layers are for reference purposes only. Eligible projects shall demonstrate compliance with Tier eligibility standards prior to the issuance of any permits or approvals. As transit service changes, eligible TOC Incentive Areas will be updated.

WAIVER OF DEDICATION OR IMPROVEMENT

- Public Work Approval (PWA)
- Waiver of Dedication or Improvement (WDI)

OTHER SYMBOLS

- Lot Line
- Tract Line
- Lot Cut
- Easement
- Zone Boundary
- Building Line
- Lot Split
- Community Driveway
- Building Outlines 2014
- Building Outlines 2008
- Airport Hazard Zone
- Census Tract
- Coastal Zone
- Council District
- LADBS District Office
- Downtown Parking
- Fault Zone
- Fire District No. 1
- Tract Map
- Parcel Map
- Flood Zone
- Hazardous Waste
- High Wind Zone
- Hillside Grading
- Historic Preservation Overlay Zone
- Specific Plan Area
- Very High Fire Hazard Severity Zone
- Wells

Date:	02/17/2021
Property:	327 N HARBOR BLVD, SAN PEDRO, CA 90731-2242
APN:	7449-014-014
County:	LOS ANGELES

CHICAGO TITLE ADVANTAGE

PROPERTY DETAILS REPORT

Subject Property Location

Report Date: 02/17/2021
Order ID: R30958155

Property Address	327 N HARBOR BLVD		
City, State & Zip	SAN PEDRO, CA 90731-2242		
County	LOS ANGELES COUNTY	Property Use	Industrial - Vacant Land
Mailing Address	1600 CABRILLO AVE, TORRANCE, CA 90501-2819	Parcel Number	7449-014-014
Map Reference			
Thomas Bros Pg-Grid	824-4C	Census Tract	2962.10

Legal Description

Lot	6
Section/Block	/4
Tract No	
Abbrev. Description	LANDS OF THE PACIFIC COAST STEAMSHIP CO AT SAN PEDRO EX OF ST LOT 6 BLK 4

Current Ownership Information

Owner Name(s)	RED CURB INVESTMENTS	Sale Price	$500,000
		Sale Date	03/01/2012
		Recording Date	03/26/2012
Vesting	Company	Recorder Doc #	12-0454859
		Book/Page	

Latest Full Sale Information

Details beyond coverage limitations

Financing Details at Time of Purchase

No financing details available

Loan Officer Insights

No details available

Lien History

Trans. ID	Recording Date	Lender	Amount	Purchase Money
No details available				

Property Characteristics

Bedrooms		Year Built		Living Area (SF)	0
Bathrooms/Partial		Garage/No. of Cars		Price ($/SF)	
Total Rooms		Stories/Floors		Lot Size (SF/AC)	15,032/.35
Construction Type		No. of Units		Fireplace	
Exterior Walls		No. of Buildings		Pool	
Roof Material/Type		Basement Type/Area		Heat Type	
Foundation Type		Style		A/C	
Property Type	Vacant Land	View		Elevator	
Land Use	Industrial - Vacant Land			Zoning	LAC2

Assessment & Taxes

Assessment Year	2020	Tax Year	2020	Tax Exemption	
Total Taxable Value	$424,942	Tax Amount	$5,412	Tax Rate Area	13-245
Land Value	$424,942	Tax Account ID			
Improvement Value		Tax Status	No Delinquency Found		
Improvement Ratio		Delinquent Tax Year			
Total Value			Market Improvement Value		
Market Land Value			Market Value Year		

CHICAGO TITLE ADVANTAGE

TRANSACTION HISTORY REPORT

Subject Property Location

Report Date: 02/17/2021
Order ID: R30958156

Property Address	327 N HARBOR BLVD
City, State & Zip	SAN PEDRO, CA 90731-2242
County	LOS ANGELES COUNTY
Mailing Address	1600 CABRILLO AVE, TORRANCE, CA 90501-2819
Map Reference	
Property Use	Industrial - Vacant Land
Parcel Number	7449-014-014

Transaction Summary

Trans ID	Recording Date	Document Type	Document Description	Sale Price / Loan Amount	Document Number	Buyer / Borrower	Seller
1	03/26/2012	Deed	Trustee's Deed (Certificate of Title)	$500,000	12-0454859	RED CURB INVESTMENTS	327 NORTH HARBOR BLVD LLC
2	06/19/2009	Mortgage	Unknown Loan Type	$1,800,000	09-0925518	327 NORTH HARBOR BOULEVARD LLC	
3	07/06/2007	Mortgage	Unknown Loan Type	$1,400,000	07-1609266	327 NORTH HARBOR BLVD LLC	
4	07/06/2007	Release	Substitution of Trustee and Full Reconveyance	$900,000	07-1609265	327 NORTH HARBOR BOULVARD LLC	
5	08/21/2006	Deed	Affidavit of Death of Trustee/Successor Trustee		06-1854330	STEWART, GREG; STEWART RACKEMANN, TRACY	RAYMOND & MARGARET STEWART FAMILY TRUST; STEWART, MARGARET
6	06/26/2006	Mortgage	Unknown Loan Type	$900,000	06-1394170	327 NORTH HARBOR BOULVARD LLC	
7	06/26/2006	Deed	Grant Deed	$1,395,000	06-1394169	327 NORTH HARBOR BLVD LLC	STEWART, GREG; STEWART RACKEMANN, TRACY; RAYMOND & MARGARET STEWART FAMILY TRUST; STEWART, GREGORY R
8	05/04/2001	Deed	Intra-family Transfer or Dissolution		01-0769823	STEWART, RAYMOND; STEWART, MARGARET	STEWART, RAYMOND M; STEWART, MARGARET

Transaction Details

Transfer

Transaction ID	1	Recorder Doc Number	12-0454859	Partial Interest Transferred	
Sale Date	03/01/2012	Document Type	Deed	Type of Transaction	Forced Sale
Sale Price	$500,000	Document Description	Trustee's Deed (Certificate of Title)	Multiple APNs on Deed	2
Recorder Book/Page		Recording Date	03/26/2012	Property Use	
Buyer 1	RED CURB INVESTMENTS	Buyer 1 Entity	Beneficiary or Creditor	Buyer Vesting	
Buyer 2		Buyer 2 Entity		Buyer Mailing Address	1600 CABRILLO AVE, TORRANCE, CA 90501-2819
Seller 1	327 NORTH HARBOR BLVD LLC	Seller 1 Entity	Trustor or Debtor	Seller Mailing Address	
Seller 2		Seller 2 Entity		Legal City/ Muni/ Township	LOS ANGELES
Legal Recorder's Map Ref	MB6 PG335	Legal Subdivision		Legal Section/ Twn/ Rng/ Mer	
Legal Brief Description/ Unit/ Phase/ Tract				Title Company Name	FIRST AMERICAN TITLE COMPANY

Mortgage

Transaction ID	2	Recorder Doc Number	09-0925518	Recorder Book/Page	
Mortgage Date	12/31/2008	Document Type	Mortgage	Rate Change Freq	
Loan Amount	$1,800,000	Document Description	Unknown Loan Type	1st Periodic Floor Rate	
Loan Type	Unknown Loan Type	Recording Date	06/19/2009	1st Periodic Cap Rate	
Origination Lender Name	EMIL YOUSSEFZADEH ETAL	Origination Interest Rate		Lifetime Cap Rate	
Origination Lender Type	Private Party	First Rate Change Date		Change Index	
Type Financing		Maturity Date		IO Period	
Borrower 1	327 NORTH HARBOR BOULEVARD LLC	Balloon Rider		Prepayment Penalty Rider	
Borrower 2		Fixed/Step Rate Rider		Prepayment Penalty Term	
Additional Borrowers		Adj Rate Rider		Adj Rate Index	
Vesting					

Transaction Details (cont.) (2)

Mortgage

Transaction ID	3	Recorder Doc Number	07-1609266	Recorder Book/Page	
Mortgage Date	06/13/2007	Document Type	Mortgage	Rate Change Freq	
Loan Amount	$1,400,000	Document Description	Unknown Loan Type	1st Periodic Floor Rate	
Loan Type	Unknown Loan Type	Recording Date	07/06/2007	1st Periodic Cap Rate	
Origination Lender Name	RED CURB INVESTMENTS	Origination Interest Rate		Lifetime Cap Rate	
Origination Lender Type	Other	First Rate Change Date		Change Index	
Type Financing		Maturity Date		IO Period	
Borrower 1	327 NORTH HARBOR BLVD LLC	Balloon Rider		Prepayment Penalty Rider	
Borrower 2		Fixed/Step Rate Rider		Prepayment Penalty Term	
Additional Borrowers		Adj Rate Rider		Adj Rate Index	
Vesting					

Mortgage Release

Transaction ID	4	Recorder Doc Number	07-1609265	Loan Amount	$900,000
Effective Date		Document Type	Release	Origination Doc #	06-1394170
Borrower(s) Name	327 NORTH HARBOR BOULVARD LLC	Document Description	Substitution of Trustee and Full Reconveyance	Origination Recording Date	06/26/2006
Current Lender	SURENDRA V. JAIN AND KALA S. JAIN, TRUSTEES OF THE SURENDRA V. JAIN AND KALA S. JAIN 1994 TRUST	Recording Date	07/06/2007	Original Lender	SURENDRA V & KALA S JAIN 1994 TRUST

Transfer

Transaction ID	5	Recorder Doc Number	06-1854330	Partial Interest Transferred	
Sale Date	07/19/2006	Document Type	Deed	Type of Transaction	Non Arms-Length Transfer
Sale Price		Document Description	Affidavit of Death of Trustee/Successor Trustee	Multiple APNs on Deed	
Recorder Book/Page		Recording Date	08/21/2006	Property Use	
Buyer 1	STEWART, GREG	Buyer 1 Entity	Successor Trustee	Buyer Vesting	
Buyer 2	STEWART RACKEMANN, TRACY	Buyer 2 Entity	Successor Trustee	Buyer Mailing Address	2314 ANABAS AVE, SAN PEDRO, CA 90732-4204
Seller 1	RAYMOND & MARGARET STEWART FAMILY TRUST	Seller 1 Entity	Family Trust	Seller Mailing Address	PO BOX 1185, SAN PEDRO, CA 90733-1185
Seller 2	STEWART, MARGARET	Seller 2 Entity	Deceased	Legal City/ Muni/ Township	LOS ANGELES
Legal Recorder's Map Ref	MR6 PG335	Legal Subdivision		Legal Section/ Twn/ Rng/ Mer	
Legal Brief Description/ Unit/ Phase/ Tract				Title Company Name	NONE AVAILABLE

Transaction Details (cont.) (3)

Mortgage

	Transaction ID	6	Recorder Doc Number	06-1394170	Recorder Book/Page	
	Mortgage Date	06/21/2006	Document Type	Mortgage	Rate Change Freq	
	Loan Amount	$900,000	Document Description	Unknown Loan Type	1st Periodic Floor Rate	
	Loan Type	Unknown Loan Type	Recording Date	06/26/2006	1st Periodic Cap Rate	
	Origination Lender Name	SURENDRA V & KALA S JAIN 1994 TRUST	Origination Interest Rate		Lifetime Cap Rate	
	Origination Lender Type	Private Party	First Rate Change Date		Change Index	
	Type Financing		Maturity Date		IO Period	
	Borrower 1	327 NORTH HARBOR BOULVARD LLC	Balloon Rider		Prepayment Penalty Rider	
	Borrower 2		Fixed/Step Rate Rider		Prepayment Penalty Term	
	Additional Borrowers		Adj Rate Rider		Adj Rate Index	
	Vesting					

Transfer

	Transaction ID	7	Recorder Doc Number	06-1394169	Partial Interest Transferred	
	Sale Date	05/11/2006	Document Type	Deed	Type of Transaction	Non Residential Transfer
	Sale Price	$1,395,000	Document Description	Grant Deed	Multiple APNs on Deed	
	Recorder Book/Page		Recording Date	06/26/2006	Property Use	
	Buyer 1	327 NORTH HARBOR BLVD LLC	Buyer 1 Entity	Company or Corporation	Buyer Vesting	
	Buyer 2		Buyer 2 Entity		Buyer Mailing Address	3035 KASHIWA ST STE 104, TORRANCE, CA 90505-4038
	Seller 1	STEWART, GREG	Seller 1 Entity	Trustee or Conservator	Seller Mailing Address	
	Seller 2	STEWART RACKEMANN, TRACY	Seller 2 Entity	Trustee or Conservator	Legal City/ Muni/ Township	LOS ANGELES
	Legal Recorder's Map Ref	MR6 PG335	Legal Subdivision		Legal Section/ Twn/ Rng/ Mer	
	Legal Brief Description/ Unit/ Phase/ Tract				Title Company Name	FIRST AMERICAN TITLE CO

Transaction Details (cont.) (4)

Transfer

	Transaction ID	8	Recorder Doc Number	01-0769823	Partial Interest Transferred	
	Sale Date	04/03/2001	Document Type	Deed	Type of Transaction	Non Arms-Length Transfer
	Sale Price		Document Description	Intra-family Transfer or Dissolution	Multiple APNs on Deed	
	Recorder Book/Page		Recording Date	05/04/2001	Property Use	
	Buyer 1	STEWART, RAYMOND	Buyer 1 Entity	Trustee or Conservator	Buyer Vesting	Family Trust
	Buyer 2	STEWART, MARGARET	Buyer 2 Entity	Trustee or Conservator	Buyer Mailing Address	PO BOX 1185, SAN PEDRO, CA 90733-1185
	Seller 1	STEWART, RAYMOND M	Seller 1 Entity	Husband and Wife	Seller Mailing Address	PO BOX 1185, SAN PEDRO, CA 90733-1185
	Seller 2	STEWART, MARGARET	Seller 2 Entity		Legal City/ Muni/ Township	LOS ANGELES
	Legal Recorder's Map Ref	MR6 PG335	Legal Subdivision		Legal Section/ Twn/ Rng/ Mer	
	Legal Brief Description/ Unit/ Phase/ Tract				Title Company Name	

Transaction History Legend

Transfer

Mortgage

Mortgage Assignment

Foreclosure Activity

Mortgage Release

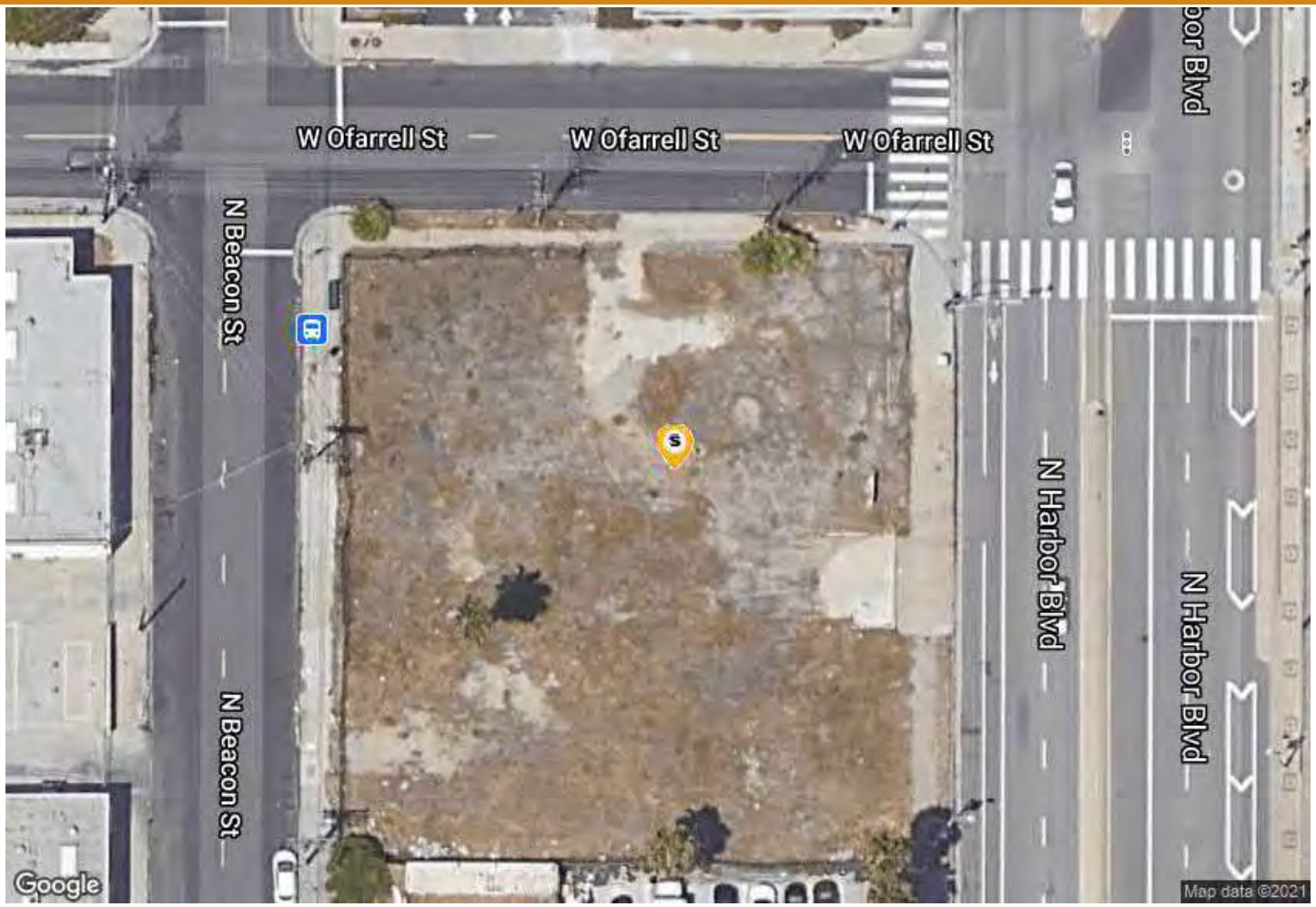
CHICAGO TITLE ADVANTAGE

AERIAL MAP REPORT

Subject Property Location

Report Date: 02/17/2021
Order ID: R30958157

Property Address	327 N HARBOR BLVD
City, State & Zip	SAN PEDRO, CA 90731-2242
County	LOS ANGELES COUNTY
Mailing Address	1600 CABRILLO AVE, TORRANCE, CA 90501-2819
Map Reference	
Owner Name	RED CURB INVESTMENTS
Property Use	Industrial - Vacant Land
Parcel Number	7449-014-014



Subject

NEARBY NEIGHBORS REPORT

Subject Property Location

Report Date: 02/17/2021
Order ID: R30958158

Property Address	327 N HARBOR BLVD
City, State & Zip	SAN PEDRO, CA 90731-2242
County	LOS ANGELES COUNTY
Mailing Address	1600 CABRILLO AVE, TORRANCE, CA 90501-2819
Map Reference	
Property Use	Industrial - Vacant Land
Parcel Number	7449-014-014

Nearby Neighbor #1					
Address	327 N HARBOR BLVD, SAN PEDRO, CA 90731			APN	7449-014-014
Owner	RED CURB INVESTMENTS			Lot Size (SF/AC)	15,032/.35
Bedrooms	0	Year Built		Living Area (SF)	0
Bathrooms/Partial		Garage/No. of Cars		Phones	

Nearby Neighbor #2					
Address	311 N HARBOR BLVD, SAN PEDRO, CA 90731			APN	7449-014-016
Owner	WILLIAMS YVETTA A; WILLIAMS FAMILY TRUST			Lot Size (SF/AC)	9,626/.22
Bedrooms	0	Year Built	1980	Living Area (SF)	9,000
Bathrooms/Partial		Garage/No. of Cars	Parking Lot/29	Phones	

Nearby Neighbor #3					
Address	407 N HARBOR BLVD, SAN PEDRO, CA 90731			APN	7449-007-025
Owner	HSIAO, CHUNG JI; HSIAO, MIN LAN			Lot Size (SF/AC)	17,601/.4
Bedrooms	0	Year Built	1956	Living Area (SF)	4,465
Bathrooms/Partial		Garage/No. of Cars		Phones	

Nearby Neighbor #4					
Address	305 N HARBOR BLVD, SAN PEDRO, CA 90731			APN	7449-014-010
Owner	WILLIAMS YVETTA A; WILLIAMS FAMILY TRUST			Lot Size (SF/AC)	11,284/.26
Bedrooms	0	Year Built	1980	Living Area (SF)	9,472
Bathrooms/Partial		Garage/No. of Cars		Phones	

Nearby Neighbor #5					
Address	345 N BEACON ST, SAN PEDRO, CA 90731			APN	7449-014-007
Owner	BEACON LANDING LP,			Lot Size (SF/AC)	16,502/.38
Bedrooms	0	Year Built	1980	Living Area (SF)	10,361
Bathrooms/Partial		Garage/No. of Cars		Phones	

Nearby Neighbor #6					
Address	311 N BEACON ST, SAN PEDRO, CA 90731			APN	7449-014-006
Owner	BEACON LANDING LP,			Lot Size (SF/AC)	16,501/.38
Bedrooms	0	Year Built	1984	Living Area (SF)	6,534
Bathrooms/Partial		Garage/No. of Cars		Phones	

Nearby Neighbor #7					
Address	411 N HARBOR BLVD, SAN PEDRO, CA 90731			APN	7449-007-016
Owner	POFFENBARGER, KEVIN			Lot Size (SF/AC)	12,010/.28
Bedrooms	0	Year Built	1990	Living Area (SF)	16,134
Bathrooms/Partial		Garage/No. of Cars		Phones	

Nearby Neighbor #8					
Address	305 N BEACON ST, SAN PEDRO, CA 90731			APN	7449-014-005
Owner	WILLIAMS YVETTA A; W WILLIAMS TRUST			Lot Size (SF/AC)	16,502/.38
Bedrooms	0	Year Built	1975	Living Area (SF)	6,420
Bathrooms/Partial		Garage/No. of Cars		Phones	

Nearby Neighbor #9					
Address	300 N PALOS VERDES ST # 7, SAN PEDRO, CA 90731			APN	7449-014-029
Owner	VICENCIO ROSA			Lot Size (SF/AC)	48,961/1.12
Bedrooms	4	Year Built	2008	Living Area (SF)	1,380
Bathrooms/Partial	3	Garage/No. of Cars		Phones	

Nearby Neighbor #10					
Address	300 N PALOS VERDES ST # 8, SAN PEDRO, CA 90731			APN	7449-014-030
Owner	BELL ANDRE; GUERRERO ESMERALDA			Lot Size (SF/AC)	48,961/1.12
Bedrooms	4	Year Built	2008	Living Area (SF)	1,380
Bathrooms/Partial	3	Garage/No. of Cars		Phones	

Nearby Neighbor #11					
Address	221 N HARBOR BLVD, SAN PEDRO, CA 90731			APN	7449-014-019
Owner	SIMKINS DONALD (CO-TR); MAHOGANY PARTNERS I LLC			Lot Size (SF/AC)	45,041/1.03
Bedrooms	0	Year Built	1987	Living Area (SF)	19,684
Bathrooms/Partial		Garage/No. of Cars		Phones	

Nearby Neighbor #12					
Address	400 N PALOS VERDES ST, SAN PEDRO, CA 90731			APN	7449-007-001
Owner	NUNEZ JOSE & SARA J			Lot Size (SF/AC)	9,076/.21
Bedrooms	5	Year Built	1944	Living Area (SF)	2,199
Bathrooms/Partial	3	Garage/No. of Cars		Phones	

Nearby Neighbor #13					
Address	435 N HARBOR BLVD, SAN PEDRO, CA 90731			APN	7449-007-026
Owner	SHAPIRO MIRIAM; MIRIAM SHAPIRO TRUST			Lot Size (SF/AC)	27,900/.64
Bedrooms	0	Year Built	1987	Living Area (SF)	12,005
Bathrooms/Partial		Garage/No. of Cars		Phones	

Nearby Neighbor #14					
Address	406 N PALOS VERDES ST, SAN PEDRO, CA 90731			APN	7449-007-002
Owner	SEVILLA CARMEN G; CARMEN G SEVILLA TRUST			Lot Size (SF/AC)	8,250/.19
Bedrooms	5	Year Built	1944	Living Area (SF)	2,175
Bathrooms/Partial	3	Garage/No. of Cars		Phones	

Nearby Neighbor #15					
Address	412 N PALOS VERDES ST, SAN PEDRO, CA 90731			APN	7449-007-003
Owner	HERNANDEZ LEONARDO & GRACIELA			Lot Size (SF/AC)	8,251/.19
Bedrooms	5	Year Built	1944	Living Area (SF)	2,175
Bathrooms/Partial	3	Garage/No. of Cars		Phones	

CHICAGO TITLE ADVANTAGE

ASSESSOR MAP REPORT

Subject Property Location

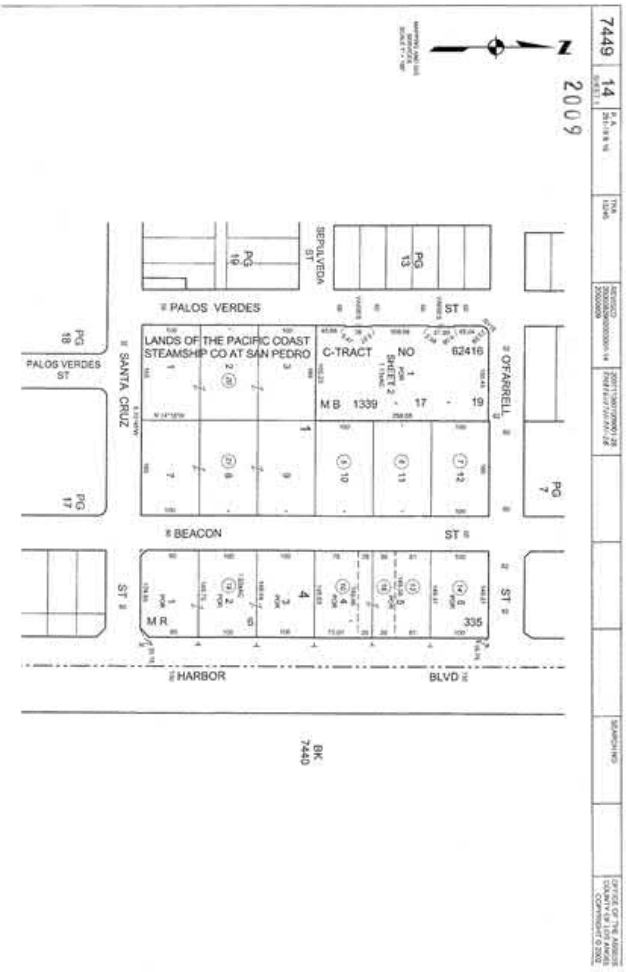
Report Date: 02/17/2021
Order ID: R30958159

Property Address	327 N HARBOR BLVD
City, State & Zip	SAN PEDRO, CA 90731-2242
County	LOS ANGELES COUNTY
Mailing Address	1600 CABRILLO AVE, TORRANCE, CA 90501-2819
Map Reference	

Property Use	Industrial - Vacant Land
Parcel Number	7449-014-014

Click here to get the map in PDF

Click here to get the map in TIFF



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Date:	02/17/2021
Property:	, SAN PEDRO, CA 90731
APN:	7449-014-013
County:	LOS ANGELES

CHICAGO TITLE ADVANTAGE

PROPERTY DETAILS REPORT

Subject Property Location

Report Date: 02/17/2021
Order ID: R30958365

Property Address			
City, State & Zip	SAN PEDRO, CA 90731		
County	LOS ANGELES COUNTY	Property Use	Industrial - Vacant Land
Mailing Address	1600 CABRILLO AVE, TORRANCE, CA 90501-2819	Parcel Number	7449-014-013
Map Reference			
Thomas Bros Pg-Grid		Census Tract	2962.10

Legal Description

Lot	5
Section/Block	/4
Tract No	
Abbrev. Description	LANDS OF THE PACIFIC COAST STEAMSHIP CO AT SAN PEDRO N 61 FT EX OF ST OF LOT 5 BLK 4

Current Ownership Information

Owner Name(s)	RED CURB INVESTMENTS	Sale Price	$500,000
		Sale Date	03/01/2012
		Recording Date	03/26/2012
Vesting	Company	Recorder Doc #	12-0454859
		Book/Page	

Latest Full Sale Information

Owner Name(s)	327 NORTH HARBOR BLVD LLC,	Sale Price	$700,000
		Sale Date	05/11/2006
		Recording Date	06/26/2006
Vesting		Recorder Doc #	06-1393710
		Book/Page	

Financing Details at Time of Purchase

No financing details available

Loan Officer Insights

No details available

Lien History

Trans. ID	Recording Date	Lender	Amount	Purchase Money
No details available				

Property Characteristics

Bedrooms		Year Built		Living Area (SF)	0
Bathrooms/Partial		Garage/No. of Cars		Price ($/SF)	
Total Rooms		Stories/Floors		Lot Size (SF/AC)	9,172/.21
Construction Type		No. of Units		Fireplace	
Exterior Walls		No. of Buildings		Pool	
Roof Material/Type		Basement Type/Area		Heat Type	
Foundation Type		Style		A/C	
Property Type	Vacant Land	View		Elevator	
Land Use	Industrial - Vacant Land			Zoning	LAC2

Assessment & Taxes

Assessment Year	2020	Tax Year	2020	Tax Exemption	
Total Taxable Value	$258,409	Tax Amount	$3,279	Tax Rate Area	13-245
Land Value	$258,409	Tax Account ID			

	Improvement Value		Tax Status	No Delinquency Found	
	Improvement Ratio		Delinquent Tax Year		
	Total Value			Market Improvement Value	
	Market Land Value			Market Value Year	

CHICAGO TITLE ADVANTAGE

TRANSACTION HISTORY REPORT

Subject Property Location

Report Date: 02/17/2021
Order ID: R30958366

Property Address	
City, State & Zip	SAN PEDRO, CA 90731
County	LOS ANGELES COUNTY
Mailing Address	1600 CABRILLO AVE, TORRANCE, CA 90501-2819
Map Reference	

Property Use	Industrial - Vacant Land
Parcel Number	7449-014-013

Transaction Summary

Trans ID	Recording Date	Document Type	Document Description	Sale Price / Loan Amount	Document Number	Buyer / Borrower	Seller
1	03/26/2012	Deed	Trustee's Deed (Certificate of Title)	$500,000	12-0454859	RED CURB INVESTMENTS	327 NORTH HARBOR BLVD LLC
2	02/09/2012	Pre-Foreclosure	Notice of Sale	$1,400,000	12-0225328	327 NORTH HARBOR BLVD LLC	
3	11/03/2011	Pre-Foreclosure	Notice of Default	$1,400,000	11-1488592	327 NORTH HARBOR BLVD LLC	
4	06/19/2009	Mortgage	Unknown Loan Type	$1,800,000	09-0925518	327 NORTH HARBOR BOULEVARD LLC	
5	07/06/2007	Mortgage	Unknown Loan Type	$1,400,000	07-1609266	327 NORTH HARBOR BLVD LLC	
6	07/06/2007	Release	Substitution of Trustee and Full Reconveyance	$500,000	07-1609264	327 NORTH HARBOR BLVD LLC	
7	06/26/2006	Mortgage	Unknown Loan Type	$500,000	06-1393711	327 NORTH HARBOR BLVD LLC	
8	06/26/2006	Deed	Grant Deed	$700,000	06-1393710	327 NORTH HARBOR BLVD LLC	HARBOR PROPERTIES CO

Transaction Details

Transfer

Transaction ID	1	Recorder Doc Number	12-0454859	Partial Interest Transferred	
Sale Date	03/01/2012	Document Type	Deed	Type of Transaction	Forced Sale
Sale Price	$500,000	Document Description	Trustee's Deed (Certificate of Title)	Multiple APNs on Deed	2
Recorder Book/Page		Recording Date	03/26/2012	Property Use	
Buyer 1	RED CURB INVESTMENTS	Buyer 1 Entity	Beneficiary or Creditor	Buyer Vesting	
Buyer 2		Buyer 2 Entity		Buyer Mailing Address	1600 CABRILLO AVE, TORRANCE, CA 90501-2819
Seller 1	327 NORTH HARBOR BLVD LLC	Seller 1 Entity	Trustor or Debtor	Seller Mailing Address	
Seller 2		Seller 2 Entity		Legal City/ Muni/ Township	LOS ANGELES
Legal Recorder's Map Ref	MB6 PG335	Legal Subdivision		Legal Section/ Twn/ Rng/ Mer	
Legal Brief Description/ Unit/ Phase/ Tract				Title Company Name	FIRST AMERICAN TITLE COMPANY

Foreclosure Sale Scheduled

Transaction ID	2	Recorder Doc Number	12-0225328	Original Loan Amount	$1,400,000
TS/Case #		Document Type	Pre-Foreclosure	Origination Document #	07-1609266
Trustor(s) Name	327 NORTH HARBOR BLVD LLC	Document Description	Notice of Sale	Origination Recording Date	07/06/2007
Trustee / Contact Name		Recording Date	02/09/2012	Unpaid Balance	
Mailing Address		Auction Place of Sale	400 CIVIC CENTER PLZ, POMONA	Foreclosure Sale Scheduled Date	02/06/2012
Phone Number		Auction Date	03/01/2012	Publish Date	

Foreclosure 1st Legal Action

Transaction ID	3	Recorder Doc Number	11-1488592	Original Loan Amount	$1,400,000
TS/Case #	11305	Document Type	Pre-Foreclosure	Origination Document #	07-1609266
Trustor(s) Name	327 NORTH HARBOR BLVD LLC	Document Description	Notice of Default	Origination Recording Date	07/06/2007
Trustee / Contact Name	ACTION FORECLOSURE SERVICES INC	Recording Date	11/03/2011	Beneficiary Name	
Mailing Address	3033 5TH AVE # 235, SAN DIEGO, CA 92103	Foreclosure 1st Legal Date		Delinquent Amount	$1,835,190
Phone Number	619-704-1090	Publish Date		Delinquent Amount As of	11/01/2011

Transaction Details (cont.) (2)

Mortgage

Transaction ID	4	Recorder Doc Number	09-0925518	Recorder Book/Page	
Mortgage Date	12/31/2008	Document Type	Mortgage	Rate Change Freq	
Loan Amount	$1,800,000	Document Description	Unknown Loan Type	1st Periodic Floor Rate	
Loan Type	Unknown Loan Type	Recording Date	06/19/2009	1st Periodic Cap Rate	
Origination Lender Name	EMIL YOUSSEFZADEH ETAL	Origination Interest Rate		Lifetime Cap Rate	
Origination Lender Type	Private Party	First Rate Change Date		Change Index	
Type Financing		Maturity Date		IO Period	
Borrower 1	327 NORTH HARBOR BOULEVARD LLC	Balloon Rider		Prepayment Penalty Rider	
Borrower 2		Fixed/Step Rate Rider		Prepayment Penalty Term	
Additional Borrowers		Adj Rate Rider		Adj Rate Index	
Vesting					

Mortgage

Transaction ID	5	Recorder Doc Number	07-1609266	Recorder Book/Page	
Mortgage Date	06/13/2007	Document Type	Mortgage	Rate Change Freq	
Loan Amount	$1,400,000	Document Description	Unknown Loan Type	1st Periodic Floor Rate	
Loan Type	Unknown Loan Type	Recording Date	07/06/2007	1st Periodic Cap Rate	
Origination Lender Name	RED CURB INVESTMENTS	Origination Interest Rate		Lifetime Cap Rate	
Origination Lender Type	Other	First Rate Change Date		Change Index	
Type Financing		Maturity Date		IO Period	
Borrower 1	327 NORTH HARBOR BLVD LLC	Balloon Rider		Prepayment Penalty Rider	
Borrower 2		Fixed/Step Rate Rider		Prepayment Penalty Term	
Additional Borrowers		Adj Rate Rider		Adj Rate Index	
Vesting					

Mortgage Release

Transaction ID	6	Recorder Doc Number	07-1609264	Loan Amount	$500,000
Effective Date		Document Type	Release	Origination Doc #	06-1393711
Borrower(s) Name	327 NORTH HARBOR BLVD LLC	Document Description	Substitution of Trustee and Full Reconveyance	Origination Recording Date	06/26/2006
Current Lender	SURENDRA V. JAIN AND KALA S. JAIN, TRUSTEES OF THE SURENDRA V. JAIN AND KALA S. JAIN 1994 TRUST	Recording Date	07/06/2007	Original Lender	SURENDRA V JAIN & KALA S JAIN 1994 TRUST

Transaction Details (cont.) (3)

Mortgage

Transaction ID	7	Recorder Doc Number	06-1393711	Recorder Book/Page	
Mortgage Date		Document Type	Mortgage	Rate Change Freq	
Loan Amount	$500,000	Document Description	Unknown Loan Type	1st Periodic Floor Rate	
Loan Type	Unknown Loan Type	Recording Date	06/26/2006	1st Periodic Cap Rate	
Origination Lender Name	SURENDRA V JAIN & KALA S JAIN 1994 TRUST	Origination Interest Rate		Lifetime Cap Rate	
Origination Lender Type	Private Party	First Rate Change Date		Change Index	
Type Financing		Maturity Date		IO Period	
Borrower 1	327 NORTH HARBOR BLVD LLC	Balloon Rider		Prepayment Penalty Rider	
Borrower 2		Fixed/Step Rate Rider		Prepayment Penalty Term	
Additional Borrowers		Adj Rate Rider		Adj Rate Index	
Vesting					

Transfer

Transaction ID	8	Recorder Doc Number	06-1393710	Partial Interest Transferred	
Sale Date	05/11/2006	Document Type	Deed	Type of Transaction	Non Residential Transfer
Sale Price	$700,000	Document Description	Grant Deed	Multiple APNs on Deed	
Recorder Book/Page		Recording Date	06/26/2006	Property Use	
Buyer 1	327 NORTH HARBOR BLVD LLC	Buyer 1 Entity	Company or Corporation	Buyer Vesting	
Buyer 2		Buyer 2 Entity		Buyer Mailing Address	3035 KASHIWA ST, TORRANCE, CA 90505-4031
Seller 1	HARBOR PROPERTIES CO	Seller 1 Entity	Partnership	Seller Mailing Address	
Seller 2		Seller 2 Entity		Legal City/ Muni/ Township	LOS ANGELES
Legal Recorder's Map Ref	MB6 PG335	Legal Subdivision		Legal Section/ Twn/ Rng/ Mer	
Legal Brief Description/ Unit/ Phase/ Tract		NORTH61 FT LOT5/ / /		Title Company Name	PROGRESSIVE TITLE CO INC

Transaction History Legend

Transfer

Mortgage

Mortgage Assignment

Foreclosure Activity

Mortgage Release

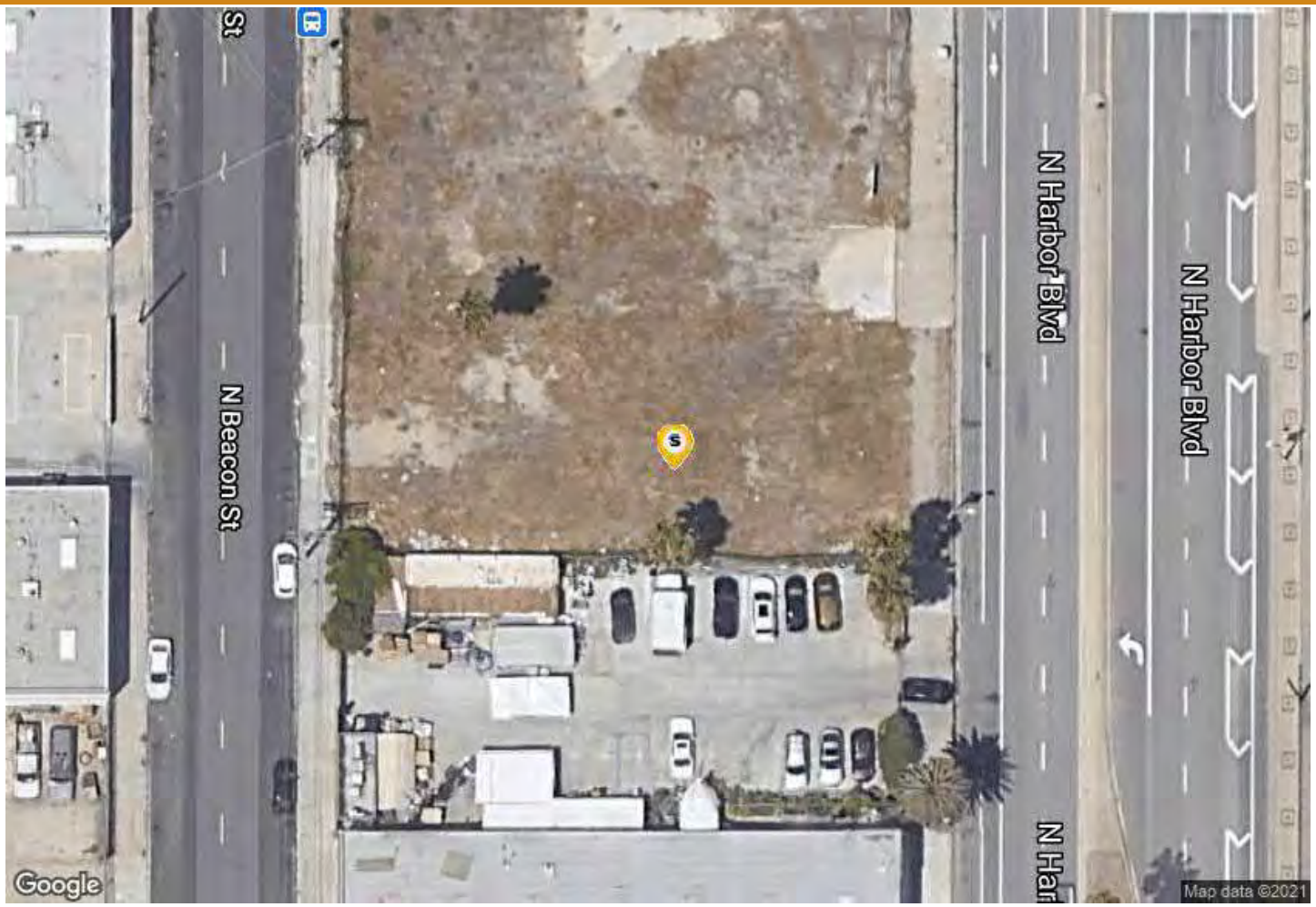
CHICAGO TITLE ADVANTAGE

AERIAL MAP REPORT

Subject Property Location

Report Date: 02/17/2021
Order ID: R30958367

Property Address			
City, State & Zip	SAN PEDRO, CA 90731		
County	LOS ANGELES COUNTY	Property Use	Industrial - Vacant Land
Mailing Address	1600 CABRILLO AVE, TORRANCE, CA 90501-2819	Parcel Number	7449-014-013
Map Reference			
Owner Name	RED CURB INVESTMENTS		



Subject

NEARBY NEIGHBORS REPORT

Subject Property Location

Report Date: 02/17/2021
Order ID: R30958368

Property Address			
City, State & Zip	SAN PEDRO, CA 90731		
County	LOS ANGELES COUNTY	Property Use	Industrial - Vacant Land
Mailing Address	1600 CABRILLO AVE, TORRANCE, CA 90501-2819	Parcel Number	7449-014-013
Map Reference			

Nearby Neighbor #1					
Address	311 N HARBOR BLVD, SAN PEDRO, CA 90731			APN	7449-014-016
Owner	WILLIAMS YVETTA A; WILLIAMS FAMILY TRUST			Lot Size (SF/AC)	9,626/.22
Bedrooms	0	Year Built	1980	Living Area (SF)	9,000
Bathrooms/Partial		Garage/No. of Cars	Parking Lot/29	Phones	

Nearby Neighbor #2					
Address	327 N HARBOR BLVD, SAN PEDRO, CA 90731			APN	7449-014-014
Owner	RED CURB INVESTMENTS			Lot Size (SF/AC)	15,032/.35
Bedrooms	0	Year Built		Living Area (SF)	0
Bathrooms/Partial		Garage/No. of Cars		Phones	

Nearby Neighbor #3					
Address	305 N HARBOR BLVD, SAN PEDRO, CA 90731			APN	7449-014-010
Owner	WILLIAMS YVETTA A; WILLIAMS FAMILY TRUST			Lot Size (SF/AC)	11,284/.26
Bedrooms	0	Year Built	1980	Living Area (SF)	9,472
Bathrooms/Partial		Garage/No. of Cars		Phones	

Nearby Neighbor #4					
Address	311 N BEACON ST, SAN PEDRO, CA 90731			APN	7449-014-006
Owner	BEACON LANDING LP,			Lot Size (SF/AC)	16,501/.38
Bedrooms	0	Year Built	1984	Living Area (SF)	6,534
Bathrooms/Partial		Garage/No. of Cars		Phones	

Nearby Neighbor #5					
Address	305 N BEACON ST, SAN PEDRO, CA 90731			APN	7449-014-005
Owner	WILLIAMS YVETTA A; W WILLIAMS TRUST			Lot Size (SF/AC)	16,502/.38
Bedrooms	0	Year Built	1975	Living Area (SF)	6,420
Bathrooms/Partial		Garage/No. of Cars		Phones	

Nearby Neighbor #6					
Address	345 N BEACON ST, SAN PEDRO, CA 90731			APN	7449-014-007
Owner	BEACON LANDING LP,			Lot Size (SF/AC)	16,502/.38
Bedrooms	0	Year Built	1980	Living Area (SF)	10,361
Bathrooms/Partial		Garage/No. of Cars		Phones	

Nearby Neighbor #7					
Address	407 N HARBOR BLVD, SAN PEDRO, CA 90731			APN	7449-007-025
Owner	HSIAO, CHUNG JI; HSIAO, MIN LAN			Lot Size (SF/AC)	17,601/.4
Bedrooms	0	Year Built	1956	Living Area (SF)	4,465
Bathrooms/Partial		Garage/No. of Cars		Phones	

Nearby Neighbor #8					
Address	221 N HARBOR BLVD, SAN PEDRO, CA 90731			APN	7449-014-019
Owner	SIMKINS DONALD (CO-TR); MAHOGANY PARTNERS I LLC			Lot Size (SF/AC)	45,041/1.03
Bedrooms	0	Year Built	1987	Living Area (SF)	19,684
Bathrooms/Partial		Garage/No. of Cars		Phones	

Nearby Neighbor #9					
Address	201 N BEACON ST, SAN PEDRO, CA 90731			APN	7449-014-021
Owner	SANTA CRUZ TERRACE LP			Lot Size (SF/AC)	49,528/1.14
Bedrooms	0	Year Built	2003	Living Area (SF)	67,761
Bathrooms/Partial		Garage/No. of Cars		Phones	

Nearby Neighbor #10					
Address	411 N HARBOR BLVD, SAN PEDRO, CA 90731			APN	7449-007-016
Owner	POFFENBARGER, KEVIN			Lot Size (SF/AC)	12,010/.28
Bedrooms	0	Year Built	1990	Living Area (SF)	16,134
Bathrooms/Partial		Garage/No. of Cars		Phones	

Nearby Neighbor #11					
Address	300 N PALOS VERDES ST # 8, SAN PEDRO, CA 90731			APN	7449-014-030
Owner	BELL ANDRE; GUERRERO ESMERALDA			Lot Size (SF/AC)	48,961/1.12
Bedrooms	4	Year Built	2008	Living Area (SF)	1,380
Bathrooms/Partial	3	Garage/No. of Cars		Phones	

Nearby Neighbor #12					
Address	300 N PALOS VERDES ST # 7, SAN PEDRO, CA 90731			APN	7449-014-029
Owner	VICENCIO ROSA			Lot Size (SF/AC)	48,961/1.12
Bedrooms	4	Year Built	2008	Living Area (SF)	1,380
Bathrooms/Partial	3	Garage/No. of Cars		Phones	

Nearby Neighbor #13					
Address	330 N PALOS VERDES ST, SAN PEDRO, CA 90731			APN	7449-014-023
Owner	MANCIA DEISY			Lot Size (SF/AC)	48,961/1.12
Bedrooms	3	Year Built	2008	Living Area (SF)	1,290
Bathrooms/Partial	3	Garage/No. of Cars		Phones	

Nearby Neighbor #14					
Address	328 N PALOS VERDES ST, SAN PEDRO, CA 90731			APN	7449-014-024
Owner	TRUJILLO PABLO; BECERRA SALUD			Lot Size (SF/AC)	48,961/1.12
Bedrooms	3	Year Built	2008	Living Area (SF)	1,290
Bathrooms/Partial	3	Garage/No. of Cars		Phones	

Nearby Neighbor #15					
Address	326 N PALOS VERDES ST, SAN PEDRO, CA 90731			APN	7449-014-038
Owner	VALDEZ HECTOR A & TERESA			Lot Size (SF/AC)	48,961/1.12
Bedrooms	4	Year Built	2008	Living Area (SF)	1,380
Bathrooms/Partial	3	Garage/No. of Cars		Phones	

CHICAGO TITLE ADVANTAGE

ASSESSOR MAP REPORT

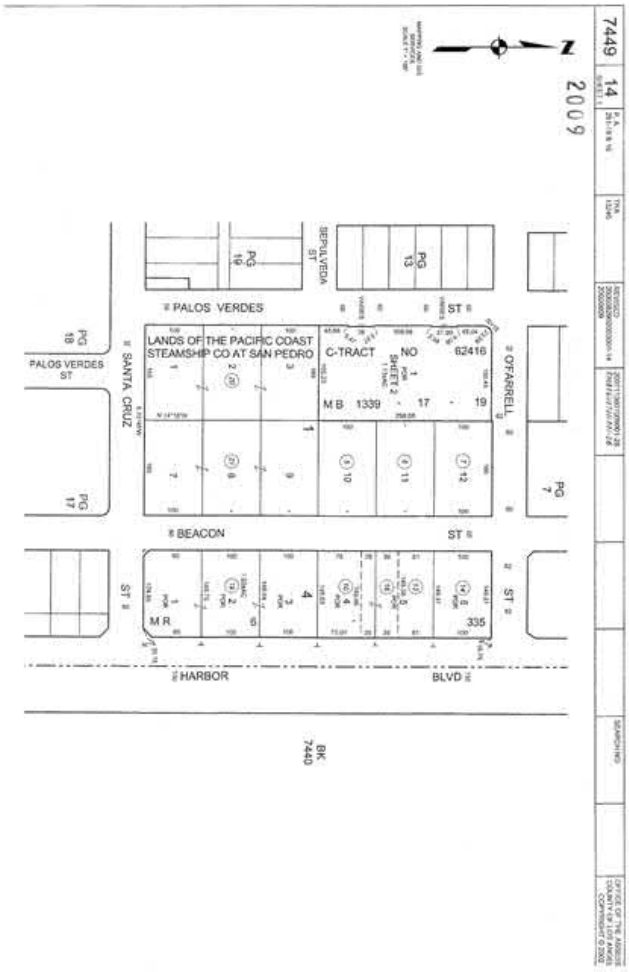
Subject Property Location

Report Date: 02/17/2021
Order ID: R30958369

Property Address			
City, State & Zip	SAN PEDRO, CA 90731		
County	LOS ANGELES COUNTY	Property Use	Industrial - Vacant Land
Mailing Address	1600 CABRILLO AVE, TORRANCE, CA 90501-2819	Parcel Number	7449-014-013
Map Reference			

Click here to get the map in PDF

Click here to get the map in TIFF



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Detailed Facility Report

Facility Summary

ARCO BATTERY MFG CO
327 N HARBOR BLVD, SAN PEDRO, CA
90731

FRS (Facility Registry Service) ID:
110002636782
EPA Region: 09
Latitude: 33.74576
Longitude: -118.27972
Locational Data Source: FRS
Industry:
Indian Country: N

Enforcement and Compliance Summary

Statute	Insp (5 Years)	Date of Last Inspection	Compliance Status	Qtrs with NC (Noncompliance) (of 12)	Qtrs with Significant Violation	Informal Enforcement Actions (5 years)	Formal Enforcement Actions (5 years)	Penalties from Formal Enforcement Actions (5 years)	EPA Cases (5 years)	Penalties from EPA Cases (5 years)
RCRA	--	--	**No Violation Identified**	0	0	--	--	--	--	--

Regulatory Information

Clean Air Act (CAA): No Information
Clean Water Act (CWA): No Information
Resource Conservation and Recovery Act (RCRA): Active (CAD009525692)
Safe Drinking Water Act (SDWA): No Information

Other Regulatory Reports

Air Emissions Inventory (EIS): No Information
Greenhouse Gas Emissions (eGGRT): No Information
Toxic Releases (TRI): No Information
Compliance and Emissions Data Reporting Interface (CEDRI): No Information

Known Data Problems

Facility/System Characteristics

Facility/System Characteristics

System	Statute	Identifier	Universe	Status	Areas	Permit Expiration Date	Indian Country	Latitude	Longitude
FRS		110002636782					N	33.74576	-118.27972
RCRAInfo	RCRA	CAD009525692	SQG	Active (H)			N	33.744951	-118.27989

Facility Address

System	Statute	Identifier	Facility Name	Facility Address
FRS		110002636782	ARCO BATTERY MFG CO	327 N HARBOR BLVD, SAN PEDRO, CA 90731
RCRAInfo	RCRA	CAD009525692	ARCO BATTERY MFG CO	327 N HARBOR BLVD, SAN PEDRO, CA 90731

Facility SIC (Standard Industrial Classification) Codes

System	Identifier	SIC Code	SIC Description
No data records returned			

Facility NAICS (North American Industry Classification System) Codes

System	Identifier	NAICS Code	NAICS Description
RCRAInfo	CAD009525692	335911	Storage Battery Manufacturing

Facility Tribe Information

Reservation Name	Tribe Name	EPA Tribal ID	Distance to Tribe (miles)
No data records returned			

Enforcement and Compliance

Compliance Monitoring History (5 years)

Statute	Source ID	System	Activity Type	Compliance Monitoring Type	Lead Agency	Date	Finding (if applicable)
No data records returned							

Entries in italics are not counted in EPA compliance monitoring strategies or annual results.

Compliance Summary Data

Statute	Source ID	Current SNC (Significant Noncompliance)/HPV (High Priority Violation)	Current As Of	Qtrs with NC (Noncompliance) (of 12)	Data Last Refreshed
RCRA	CAD009525692	No	02/27/2021	0	02/26/2021

Three-Year Compliance History by Quarter

Statute	Program/Pollutant/Violation Type	QTR 1	QTR 2	QTR 3	QTR 4	QTR 5	QTR 6	QTR 7	QTR 8	QTR 9	QTR 10	QTR 11	QTR 12+
RCRA (Source ID: CAD009525692)		04/01-06/30/18	07/01-09/30/18	10/01-12/31/18	01/01-03/31/19	04/01-06/30/19	07/01-09/30/19	10/01-12/31/19	01/01-03/31/20	04/01-06/30/20	07/01-09/30/20	10/01-12/31/20	01/01-03/31/21
	Facility-Level Status	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**	**No Violation Identified**

Informal Enforcement Actions (5 Years)

Statute	System	Source ID	Type of Action	Lead Agency	Date
No data records returned					

Entries in italics are not counted as "informal enforcement actions" in EPA policies pertaining to enforcement response tools.

Formal Enforcement Actions (5 Years)

Statute	System	Law/Section	Source ID	Action Type	Case No.	Lead Agency	Case Name	Issued/Filed Date	Settlements/Actions	Settlement/Action Date	Federal Penalty Assessed	State/Local Penalty Assessed	SEP Cost	Comp Action Cost
No data records returned														

Environmental Conditions

Watershed(s)

12-Digit WBD (Watershed Boundary Dataset) HUC (RAD (Reach Address Database))	WBD (Watershed Boundary Dataset) Subwatershed Name (RAD (Reach Address Database))	State Water Body Name (ICIS (Integrated Compliance Information System))	Beach Closures Within Last Year	Beach Closures Within Last Two Years	Pollutants Potentially Related to Impairment	Watershed with ESA (Endangered Species Act)-listed Aquatic Species?
No data records returned						

Assessed Waters From Latest State Submission (ATTAINS)

State	Report Cycle	Assessment Unit ID	Assessment Unit Name	Water Condition	Cause Groups Impaired	Drinking Water Use	Aquatic Life	Fish Consumption Use	Recreation Use	Other Use
No data records returned										

Air Quality Nonattainment Areas

Pollutant	Within Nonattainment Status Area?	Nonattainment Status Applicable Standard(s)	Within Maintenance Status Area?	Maintenance Status Applicable Standard(s)
Ozone	Yes	1-Hour Ozone (1979); 8-Hour Ozone (1997); 8-Hour Ozone (2008); 8-Hour Ozone (2015)	No	
Lead	Yes	Lead (2008)	No	
Particulate Matter	Yes	PM-2.5 (1997); PM-2.5 (2006); PM-2.5 (2012)	Yes	PM-10 (1987)
Carbon Monoxide	No		Yes	Carbon Monoxide (1971)
Sulfur Dioxide	No		No	

Pollutants

Toxics Release Inventory History of Reported Chemicals Released in Pounds per Year at Site

TRI Facility ID	Year	Total Air Emissions	Surface Water Discharges	Off-Site Transfers to POTWs (Publicly Owned Treatment Works)	Underground Injections	Releases to Land	Total On-site Releases	Total Off-site Transfers
No data records returned								

Toxics Release Inventory Total Releases and Transfers in Pounds by Chemical and Year

Chemical Name
No data records returned

Demographic Profile

EJSCREEN EJ Indexes

Eleven primary environmental justice (EJ) indexes of EJSCREEN, EPA's screening tool for EJ concerns. EPA uses these indexes to identify geographic areas that may warrant further consideration or analysis for potential EJ concerns. The index values below are for the Census block group in which the facility is located. Note that use of these indexes does not designate an area as an "EJ community" or "EJ facility." EJSCREEN provides screening level indicators, not a determination of the existence or absence of EJ concerns. For more information, see the EJSCREEN home page.

Census Block Group EJ Indexes (percentile)	
Particulate Matter (PM 2.5)	81.7
Ozone NATA Diesel PM	77.8
NATA Air Toxics Cancer Risk	81.2
NATA Respiratory Hazard Index (HI)	82.2
Traffic Proximity	96.4
Lead Paint Indicator	87.5
Superfund Proximity	81.6
Risk Management Plan (RMP) Proximity	95
Hazardous Waste Proximity	94.9
Wastewater Discharge Proximity	74.8

Number of EJ Indexes Above 80th Percentile
9

View EJSCREEN Report

Demographic Profile of Surrounding Area (3 Miles)

This section provides demographic information regarding the community surrounding the facility. ECHO compliance data alone are not sufficient to determine whether violations at a particular facility had negative impacts on public health or the environment. Statistics are based upon the 2010 U.S. Census and 2006-2010 American Community Survey 5-Year Summary and are accurate to the extent that the facility latitude and longitude listed below are correct. EPA’s spatial processing methodology considers the overlap between the selected radii and the census blocks (for U.S. Census demographics) and census block groups (for ACS demographics) in determining the demographics surrounding the facility. For more detail about this methodology, see the DFR Data Dictionary.

General Statistics	
Total Persons	122,802
Population Density	5,816/sq.mi.
Percent Minority	68%
Households in Area	42,802
Housing Units in Area	45,840
Households on Public Assistance	2,048
Persons Below Poverty Level	49,620

Geography	
Radius of Selected Area	3 mi.
Center Latitude	33.74576
Center Longitude	-118.28005
Land Area	74%

Age Breakdown - Persons (%)	
Children 5 years and younger	8,838 (7%)
Minors 17 years and younger	31,663 (26%)
Adults 18 years and older	91,140 (74%)
Seniors 65 years and older	14,686 (12%)

Race Breakdown - Persons (%)	
White	71,868 (59%)
African-American	6,919 (6%)
Hispanic-Origin	66,270 (54%)
Asian/Pacific Islander	7,473 (6%)
American Indian	1,263 (1%)
Other/Multiracial	35,279 (29%)

Education Level (Persons 25 & older) - Persons (%)

Geography	
Water Area	26%

Income Breakdown - Households (%)	
Less than $15,000	5,182 (12.36%)
$15,000 - $25,000	4,786 (11.41%)
$25,000 - $50,000	9,660 (23.03%)
$50,000 - $75,000	6,967 (16.61%)
Greater than $75,000	15,343 (36.58%)

Education Level (Persons 25 & older) - Persons (%)	
Less than 9th Grade	10,427 (13.38%)
9th through 12th Grade	8,653 (11.1%)
High School Diploma	19,160 (24.59%)
Some College/2-year	21,623 (27.75%)
B.S./B.A. (Bachelor of Science/Bachelor of Arts) or More	18,069 (23.19%)

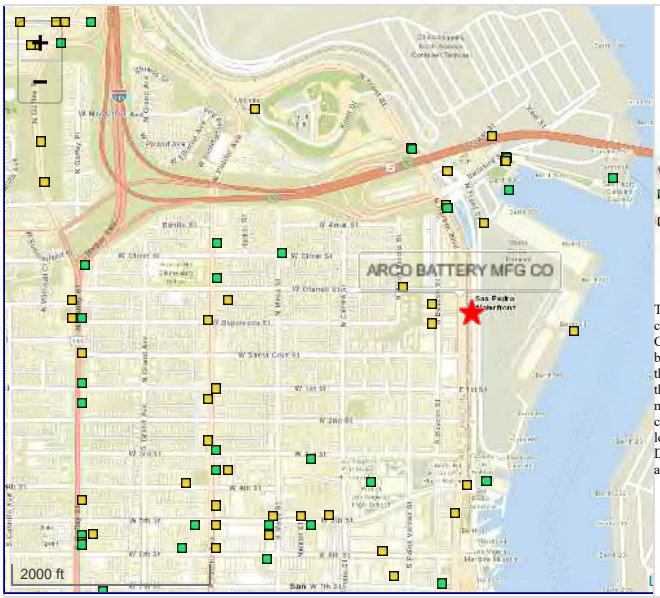
Related Topics: Envirofacts

FRS

FRS Facility Detail Report

ARCO BATTERY MFG CO

EPA Registry Id: 110002636782
327 N HARBOR BLVD
SAN PEDRO, CA 90731



Legend

- Selected Facility
- EPA Facility of Interest
- State/Tribe Facility of Interest

The facility locations displayed come from the FRS Spatial Coordinates tables. They are the best representative locations for the displayed facilities based on the accuracy of the collection method and quality assurance checks performed against each location. The North American Datum of 1983 is used to display all coordinates.

Facility Registry Service Links:

- Facility Registry Service (FRS) Overview
- FRS Facility Query
- FRS Organization Query
- EZ Query
- FRS Physical Data Model
- FRS Geospatial Model

Report an Error

Environmental Interests

Information System	System Facility Name	Information System Id/Report Link	Environmental Interest Type	Data Source	Last Updated Date	Supplemental Environmental Interests:
RESOURCE CONSERVATION AND RECOVERY ACT INFORMATION SYSTEM	ARCO BATTERY MFG CO	CAD009525692	SQG (Y)	RCRAINFO		

Additional EPA Reports: MyEnvironment Enforcement and Compliance Site Demographics Facility Coordinates Viewer Environmental Justice Map Viewer Watershed Report

Standard Industrial Classification Codes (SIC)

No SIC Codes returned.

Facility Codes and Flags

EPA Region:	09
Duns Number:	
Congressional District Number:	44
Legislative District Number:	
HUC Code/Watershed:	18070104 / SANTA MONICA BAY
US Mexico Border Indicator:	NO
Federal Facility:	NO
Tribal Land:	NO

Alternative Names

No Alternative Names returned.

Organizations

Affiliation Type	Name	DUNS Number	Information System	Mailing Address
OWNER	RUHL RON ARCO BATTERY MFG CORPORATION		RCRAINFO	View

National Industry Classification System Codes (NAICS)

Data Source	NAICS Code	Description	Primary
RCRAINFO	335911	STORAGE BATTERY MANUFACTURING.	

Facility Mailing Addresses

Affiliation Type	Delivery Point	City Name	State	Postal Code	Information System
OWNER	NOT REQUIRED	NOT REQUIRED	ME	99999	RCRAINFO
FACILITY MAILING ADDRESS	327 N HARBOR BLVD	SAN PEDRO	CA	90731	RCRAINFO

Contacts

No Contacts returned.

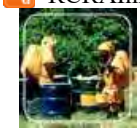
Query executed on: FEB-28-2021

Last updated on September 24, 2015

Search Results

RCRAInfo Links

RCRAInfo



Data Disclaimer

RCRAInfo Facility Information

<< Return

ARCO BATTERY MFG CO
Handler ID: CAD009525692
327 N HARBOR BLVD
SAN PEDRO, CA 90731

County Name: LOS ANGELES

Latitude: 33.74576
Longitude: -118.27972

Hazardous Waste Generator: Small Quantity Generator

Owner Name: RUHL RON ARCO BATTERY MFG CORPORATION

You can navigate within the map with your mouse.

No BIENNIAL REPORT data is available for the facility listed above.

Contact Information

There is no Core, Notification or BR contact information available for this handler

HANDLER / FACILITY CLASSIFICATION

Unspecified Universe for the facility listed above.

HANDLER TYPE	LAND DISPOSAL	INCINERATOR	BOILER AND OR INDUSTRIAL FURNACE	STORAGE	TREATMENT

HANDLER TYPE
Small Quantity Generator

No PROCESS INFORMATION is available for the facility listed above.

LIST OF NAICS CODES AND DESCRIPTIONS

NAICS CODE	NAICS DESCRIPTION
335911	STORAGE BATTERY MANUFACTURING

No Waste Codes are available for the facility listed above.

Go To Top Of The Page

Total Number of Facilities Retrieved: 1

-JHD SERVICES-

-Environmental & Construction Services-

CSLB License # 818557 Class A, B, C21 Haz. ASB

05-12-08

Mr. Richard Clark
LOS ANGELES COUNTY FIRE DEPARTMENT
HEALTH/HAZARDOUS MATERIALS DIVISION
SITE MITIGATION UNIT
5825 Rickenbacker Road
Commerce, CA 90040

Re: ***Soil Remediation Report @ Former Arco Battery Site, 319-327 North Harbor Blvd., San Pedro, CA***

Dear Mr. Clark

Following is JHD Services' report for environmental remediation work conducted at the Former Arco Battery Site, 319-327 North Harbor Boulevard, San Pedro, California, 90277.

The site is to be improved with a four story mixed commercial/residential development with a subterranean parking structure.

Please call me at 310 353-6889 if you have any questions.

Yours truly,

John Daly
Principal

JHD080107-AD

May 12, 2008

160 W. Foothill Parkway
Suite 160-245
Corona, CA 92882
Email pyjd@verizon.net
Cell 310 353-6889
Office 951 471-3249
Fax 951 471-3843

SOIL REMEDIATION REPORT
FORMER ARCO BATTERY SITE
319-327 NORTH HARBOR BOULEVARD
SAN PEDRO, CALIFORNIA 90277

Project #JHD080107-AD

May 12th, 2008

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Office 951 471-3249
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Report Prepared for:

Mr. Richard Clark
Site Mitigation Unit
Health/Hazardous Materials Division
Los Angeles County Fire Department
5825 Rickenbacker Road
Commerce, CA 90040

SOIL REMEDIATION REPORT
FORMER ARCO BATTERY SITE
319-327 NORTH HARBOR BOULEVARD
SAN PEDRO, CA 90277

JHD Services Project No: JHD080107-AD

Prepared by:

John Daly
Principal, JHD Services
DHS Lead Inspector/Assessor #17872

JHD SERVICES
160 West Foothill Parkway, #160-245
Corona, CA 92882

May 12, 2008

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TABLE 1 CONFIRMATION SAMPLING RESULTS

TABLE 2 COMPREHENSIVE SAMPLING RESULTS

FIGURE 1 VICINITY MAP

FIGURE 2 CONFIRMATION SAMPLE MAP

FIGURE 3 GPS SAMPLE LOCATION MAP

ATTACHMENT 1 (CD) LABORATORY ANALYSIS RESULTS
ATTACHMENT 2 (CD) UNIFORM HAZARDOUS WASTE MANIFESTS

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1.0 EXECUTIVE SUMMARY

The property at 319-327 North Harbor Boulevard is to be the site of a four story mixed commercial/residential development with subterranean garage. The site is approximately 24,500 square feet of land bordered by O'Farrell Street to the north, Beacon Street to the west, Harbor Boulevard to the east and a commercial development to the south. The site consists of two adjoining lots located at 327 North Harbor Boulevard (north lot) and 319 North Harbor Boulevard (south lot). The site was the location for a battery manufacturing and then recycling concern. Site activities led to the contamination of soils with wastes that included battery acid and lead. Prior to commencement of development, lead-impacted soils at the site that may pose an environmental or health concern were removed for offsite disposal.

The site has been the subject of several subsurface soil investigations and one previous remediation project.

In September 1986, Western Laboratories of Gardena, California collected samples for analysis of PH and soluble sulfates.

In September 1991, in response to Los Angeles County Health Department concerns a limited sampling was conducted and Ancon Marine excavated approximately 350 cubic yards of soil from an area just north of the main building.

In April of 1992, Contamination Clean-Up of California used chemical fixation to treat the excavated soil and reused it to backfill the excavation pit to the north of the main building.

The site achieved a conditional closure from the Los Angeles County Fire Department Health Hazardous Materials Division (LACFD-HHMD) on January 26, 1995, judging the site to be "satisfactorily mitigated for the current land use." The closure included prohibitions for site development until further remediation was conducted.

In April 1996, SECOR conducted a soil and groundwater investigation to evaluate the possible presence of lead in soils in other areas of the north lot and in the groundwater (SECOR, 1996).

In January 2005, JHD Services conducted a subsurface investigation to further delineate the extent of contamination.

In May 2005, Biophysics Environmental Assessments conducted a subsurface investigation for lead and pH.

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In August 2005, Geologica of Newport Beach conducted a subsurface investigation and excavated an area at the western end of the northern lot for evaluation of an area where auger refusal was encountered.

In September 2006, ENCCORRE Services conducted a subsurface investigation that included assessments for VOC's, TPH, PCB's pesticides as well as lead and other heavy metals.

The results of these surveys led to and are included in the *Soil Excavation Workplan,* (ENCORRE November, 2006) submitted to and approved by the LACFD-HHMD.

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2.0 SITE DESCRIPTION

The proposed development at the Former Arco Battery Site consists of a four story mixed commercial/residential building with subterranean garage on approximately 24,500 square feet of land. The area was most recently occupied by two buildings associated with retail battery sales and battery recycling. The buildings were demolished in September 2007.

The proposed site use includes mixed commercial and residential therefore soils contaminated with lead were removed and disposed of offsite prior to commencement of development.

The site occupies an area of approximately 24,500 square feet. Records indicate that the property was improved with a building in 1926. Records indicate that it was used as a machine shop. The site was used as a battery manufacturing facility until 1989 when manufacturing ceased and the site was used as a battery retail and transfer station until August 2007.

Contamination of the site appears to have primarily occurred during the battery-manufacturing period, as lead acid battery solutions were disposed of on-site or poured into the sanitary sewer for disposal.

3.0 PREVIOUS INVESTIGATIONS AND REMEDIATION

In September 1986, Western Laboratories of Gardena, California collected seven soil samples from the north lot for analysis of pH levels and soluble sulfate. Laboratory results indicated that pH levels ranged from 4.49 to 7.23, and that soluble sulfate concentrations ranged from 280 milligrams per kilogram (mg/kg) to 1,460 mg/kg (Western Laboratories, 1986). The sample identification numbers on the laboratory report and the sample locations on the site plan prepared by Western Laboratories do not correspond with each other, therefore, it is not known as to where these samples were collected. The report suggests that the samples were collected in an "acid pit area" (Western Laboratories, 1986).

In response to a site visit and limited soil sampling conducted by the Los Angeles County Health Department (LACDHS) in December 1990, in September 1991, Ancon Marine, Inc. excavated approximately 350 cubic yards of lead-contaminated soil from an area of the north lot located west and north of the main building. The impacted soil was excavated from depths ranging from approximately 4 to 13 feet below ground surface (bgs), and was delineated based on visible staining and pH field measurements (Ancon Marine, 1991). As directed by Mr. Lance Ralston of LACDHS, confirmation soil samples were collected and analyzed from the excavation pit in order to verify that the

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contaminated soil was removed. The excavated soil was stockpiled on-site for subsequent on-site remediation through chemical fixation. The analytical results for the confirmation soil samples indicated lead concentrations ranging from non-detect to 36.4 mg/kg.

In December 1991, Arco Battery retained the services of Contamination Clean-Up of California (CCC) of Anaheim, California to remediate the 350 cubic yards of lead-contaminated soil on-site. A subsequent treatability study indicated that the contaminated soil was suitable for metal fixation treatment and remediation.

On February 2, 1992, CCC submitted a remediation workplan to the LACDHS (CCC 1992a). The work plan called for on-site treatment of the contaminated soils with polysilicates and pozzalime in an area located between the storage building and the main building. The excavation pit was to be backfilled using the treated soil. The CCC workplan was approved by the LACDHS on March 13, 1992. The on-site remediation began on April 1, 1992. Subsequent analytical data indicated that the treatment was effective. Pre-treatment soil samples analyzed for Soluble Threshold Limit Concentration (STLC), or soluble lead, ranged from 27 to 40 milligrams per liter (mg/L). post-remediation samples analyzed for soluble lead did not exceed 2.7 mg/L. Based on these results, on June 15, 1992, CCC submitted a proposal to California Regional Water Quality Control Board (CRWQCB) and the LACFD-HHMD requesting that the excavation pit at the site be backfilled with the treated soil (CCC, 1992b). on August 13, 1992, the LACFD-HHMD issued a post-remediation closure letter stating that the CCC proposal was acceptable and that the treated soil could be used under the condition that the area would be capped with asphalt or concrete and could only be used for parking or storage. On August 18, 1992, the CRWQCB also accepted the CCC proposal for on-site reuse of the remediated soil. From August 20 through 25, 1992 the excavation pit was backfilled and compacted. The area was subsequently capped with asphalt. Based on a review of the project summary submitted to the LACFD-HHMD by CCC and a closure addendum submitted by Ancon Marine, on January 26, 1995, the department issued a final closure letter stating that the contamination was judged to be "satisfactorily mitigated for the current land use."

In April 1996 SECOR conducted a soil and groundwater investigation to evaluate the possible presence of lead in soils at other areas of the north lot and in the groundwater (SECOR, 1996). SECOR collected 50 soil samples and 4 groundwater samples from a total of 25 boring locations using a combination of hand auger equipment and hydraulic and percussion drive point equipment. Lead-contaminated soil is considered a California hazardous waste when lead levels exceed a Total Threshold Limit Concentration (TTLC) of 1,000 mg/kg or a STLC of 5mg/L. SECOR determined that soluble lead was present in soil in concentrations of 5 mg/L in two areas: the storage building near the sewer line, and the southwest portion of the northern lot. In general, soil impacted with soluble lead above the regulatory action level was limited to within the upper 1 foot, with the

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exception of SP-1 (where soluble lead was detected at concentration of 9.7 mg/L at a depth of 15 feet bgs) and HA-7 (where soluble lead was detected at a concentration of 15 mg/L at a depth of 6 feet bgs). It was determined by SECOR's investigation that groundwater was not impacted.

In January 2005, JHD Services (JHD) of Corona, California conducted subsurface soil sampling of the north lot toe determine the vertical and lateral extent of lead-contaminated soils identified during the SECOR investigation, and to assess pH conditions at the sampled locations (JHD, 2005). JHD collected 64 samples from 15 borings using direct-push Geoprobe equipment to a maximum depth of 20 feet bgs. Results of the investigation indicated that lead-impacted soil exceeding 1,000 mg/kg generally existed in the southwestern quadrant of the north lot and one location just east of the storage building, primarily within the upper 1 foot of soil. Concentrations of lead were in the range of non-detect to 18,100 mg/kg (Boring B8 at a depth of 1 foot bgs). As mentioned above, lead-contaminated soil is considered regulated California hazardous waste when lead levels exceed the TTLC of 1,000 mg/kg or the STLC of 5 mg/L. Of the 15 borings, seven had a TTLC that exceeded 1,000 mg/kg. Four of these samples were at a depth of 1 foot bgs (B8 – 18,100 mg/kg, B9 – 1,690 mg/kg, B10 – 1,250 mg/kg, and B11 – 2,150 mg/kg. Three of the samples were at a depth greater than 1 foot bgs (B1 – 1,320 mg/kg at a depth of 5 feet bgs, B6 – 1,760 mg/kg at a depth of 10 feet bgs and B7 – 1,970 mg/kg at a depth of 5 feet bgs). Acidic soil conditions were detected in 6 of the 64 soil samples. None of these acidic soil samples correlated with samples exhibiting a lead concentration of greater than 1,000 mg/kg.

In May 2005, Biophysics Environmental Assessments, Inc. (BEA) of Chino, California conducted an additional subsurface investigation at the north lot, and on a portion of the south lot to further assess lead-impacted soils at the site (BEA, 2005). BEA advanced 11 borings to a total depth of 20 feet bgs using hollow-stem auger equipment. BEA collected a total of 43 soil samples for analysis of lead and pH. Analytical test results indicated that lead concentrations exceeded 1,000 mg/kg in 2 of the 11 borings (BEA-4 at a depth of 5 foot bgs and BEA-6 at depths of 2 feet and 5 feet bgs). According to BEA's site plan, these two borings were located between the main building and the storage building within the area that was previously excavated and remediated in 1991.

In August 2005, Geologica of Newport Beach, California excavated an area located at the western end of the north lot to a maximum depth of approximately 13 feet bgs (Geologica, 2005). The purpose of the excavation was to assess the presence of any subsurface features in the vicinity of BEA's Borings B-12, B-13, and B-14 where BEA had encountered auger refusal and subsurface anomalies during their investigation. Several pieces of metal debris including the top ring of a 55-gallon drum were removed during the excavation. White, granular, and dense material was also visually observed in

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the excavated area between depths of 5 and 7 feet bgs. According to the BEA report, the excavated materials were backfilled in the pit and the pit was resurfaced.

In September 2006, ENCORRE conducted a soil gas and soil investigation at the site (ENCORRE, 2006). The purpose of the investigation was to further characterize and delineate the vertical and lateral extent of lead-contaminated soils previously identified at the site, to assess the possible presence of heavy metals other than lead, total petroleum hydrocarbons (TPH), polychlorinated biphenyls (PCBs), and organochlorine pesticides at high-risk areas throughout the site. Soil gas probes were installed in 24 borings (SV-1 through SV-24) at depths of 5 feet and 15 feet bgs. While conducting the soil gas investigation, 29 soil samples were collected from the soil gas borings using direct push Geoprobe-like equipment. Soil samples were collected from 13 of the 24 soil gas borings, ranging in depth from 1 foot bgs to 20 feet bgs. These borings were located along the western boundary of the south lot. Furthermore, ENCORRE collected 6 surficial soil samples (SL-1 through SL-6) using hand auger equipment from a planter located at the northwest corner of the site. The hand auger samples were collected at a depth of 1 foot bgs.

Results of the soil gas investigation indicated that ethylbenzene and xylenes were found only in one boring location (SV-9) at depths of 5 and 15 feet bgs at concentrations up to 0.5 and 3.3 micrograms per liter (μg/L), respectively. Tetrachloroethylene (perchloroethylene – PCE) was detected in two boring locations (SV-23 and SV-24) at depths of 5 and 15 feet bgs at concentrations up to 1.2 μg/L. Petroleum hydrocarbons (carbon range C2-C6) were detected in one boring (SV-15) at a depth of 15 feet bgs at a concentration of 186 μg/L.

Results of the soils investigation indicated that of the 49 samples analyzed for lead (collected from 11 borings), 36 contained detectable concentrations. The highest lead concentration was 830 mg/kg in boring B8 at a depth of 1 foot bgs. Eighteen of the samples contained lead concentrations in excess of 50 mg/kg, the level that determines if the sample needs to be reanalyzed for soluble lead (Soluble Threshold Limit Concentration or STLC). Of the 18 samples analyzed for soluble lead, 14 contained concentrations above the STLC of 5 mg/L.

VOC's were not detected in any of the soil samples during this investigation. TPH in the diesel and heavy hydrocarbon range (C13-C40) was detected in only 1 of 21 soil samples analyzed (SV-12 at a depth of 15 feet bgs, at a concentration of 318 mg/kg). PCBs were not detected in the only sample analyzed during this investigation (SV-12 at a depth of 15 feet bgs). Organochlorine pesticides were detected in one of the two samples analyzed during the investigation. The sample collected from boring SV-8 at a depth of 1 foot bgs contained Chlordane (total) and Chlordane (alpha) at concentrations of 4.72 and 2.28 μg/Kg, respectively. 4,4'-DDD (DDD), 4,4'-DDE (DDE), and 4,4'-DDT (DDT) were

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detected at concentrations of 4.08, 9.54, and 23.6 μg/Kg, respectively. The pH values ranged from 7.38 to 8.11 in the 6 soil samples analyzed during the investigation.

Based on a review of ENCORRE's Soil Gas and Soil Investigation report, on November 16, 2006, LACFD-HHMD issued a letter specifying completion of site assessment activities and requiring a submission of a soil remediation workplan prior to site clean-up activities.

4.0 CLEANUP DESCRIPTION

The subsurface soil investigation results indicated that lead-contaminated soils were limited in lateral extent and to the following approximate depths:

- Between surficial and 1 foot bgs: Generally, extends from the northeast planter area to just south of the main building. The depth of contamination in this plume is approximately 1 foot bgs (Figure 5).
- Between 1 foot and 5 feet bgs: Southeast plume is generally in locations of JHD Samples B-6 and B-7, ENCORRE Sample B8, and Biophysics Environmental Assessments' Sample BEA-6. Northeast plume is generally in locations of JHD Sample B-1 and SECOR Sample HA-7. Sewer plume is generally in the location of BEA Sample BEA-4. The northwest plume is generally located in the vicinity of Ancon Marine Sample B-3 and SECOR Sample SP-1.
- Between 1 foot bgs and 10 feet bgs: Northwest plume is generally in the location of SECOR Sample SP-1.

The site clean-up plan included excavating and stockpiling the lead-contaminated soils, and transporting the soils to an offsite disposal facility. The soil stockpiles were sampled to determine whether they would be disposed of as California Hazardous Waste or Federal RCRA Waste. Site clean-up activities were focused on the areas identified in the Soil Excavation Workplan (ENCORRE, November, 2006).

Remediation activities at the site were performed under the primary oversight of the lead agency, LACFD-HHMD. Mr. Richard Clark of the LACFD-HHMD was the primary contact. Remediation activities were designed and conducted to meet the standards set forth in Cal/EPA Department of Toxic Substance Control's (DTSC) "Preliminary Endangerment Assessment Guidance Manual " (PEA); Los Angeles Regional Water Quality Control Board's (LARWQCB) "Interim Site Assessment & Clean-up Guide Book"; and CCR Title 8, Section 5192, "Hazardous Waste Operations and Emergency Response". LACFD-HHMD was responsible for the following tasks during remediation activities:

- Approval of Remediation Workplan

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- Oversight of soil excavation, at LACFD-HHMD's discretion
- Oversight and direction of confirmation and stockpile sampling, at LACFD-HHMD's discretion

The LACFD-HHMD contact was:

Mr. Richard Clark
Site Mitigation Unit
5825 Rickenbacker Road
Commerce, CA 90040-302

5.0 CLEANUP GOALS/FINAL SITE USE

The final planned use of the site is part of a mixed commercial and residential center. Based on the Phase II Environmental Site Assessment result and the cleanup activities reported herein, the environmental and health risks associated with the lead contamination have been eliminated prior to the planned development of the site.

The contaminants present on the site were limited to lead and were generally found at depths less than 5' bgs. Soils exceeding the residential target clean-up level of 150 mg/kg were left in place in the following areas:

- Sample # CS-1, 11-26-07 Northwest Excavation – Center Section, North Wall – 380 mg/kg @ 4' bgs
- Sample # CS-2, 01-16-08 Northwest Excavation – West Section West Wall – 290 mg/kg @ 4' bgs
- Sample # CS-2, 02-23-08 Southwest Excavation – South Wall – 320 mg/kg @ 3' bgs
- Sample # CS-5, 03-05-08 Main Excavation – West Wall, South Side – 420 mg/kg @ 10' bgs

Soils with concentrations of lead below site clean-up levels were left in place.

The remediation objectives for the site were to:

- Minimize potential for migration of the lead in soil to other media including air, surface, water and groundwater.
- Minimize potential human exposure to the lead in soil via dermal contact, inhalation or ingestion.

The selected clean-up action was offsite disposal of soil as California Hazardous Waste if stockpile samples showed concentrations of leachable lead below 5 mg/L by the Toxic

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Characteristic Leaching Procedure (TCLP) and Federal RCRA Waste if the concentration was equal to or above the threshold of 5 mg/L by TCLP.

6.0 FIELD ACTIVITIES, SAMPLE ANALYSIS, AND RESULTS

The soil excavation activities at 319-327 North Harbor Boulevard were performed between October 23, 2007 and January 15, 2008 and included the following tasks:

- Excavation of six lead-impacted soil plumes
- Personal and perimeter air monitoring for lead
- Excavation confirmation sampling
- Stockpile sampling
- Submission of samples for analysis

6.1 SITE MANAGEMENT

JHD Services performed the excavation and collected excavation confirmation and stockpile samples.

JHD Services staff reported remediation progress and field observations to Mr. Richard Clark of LACFD-HHMD (oversight agency) and Mr. Bill Ashai (owner representative).

6.2 MOBILIZATION

After notifying the oversight agency and the appropriate agencies with oversight of excavation projects JHD Services mobilized the required site control and soil excavation equipment on October 23, 2007.

6.3 EXCAVATION OF SOIL

Cleanup activities focused on areas where ENCORRE Services identified lead-contaminated soils in their Soil Excavation Workplan (ENCORRE, November, 2006). Concentrations of lead exceeding clean-up goals were identified in 6 general locations, referred to herein as North West Excavation, North East Excavation, South East Excavation, South West Excavation, West Excavation and Main Excavation.

The excavations were advanced to depths ranging from approximately 1.5 feet to 12.5 feet bgs. The remediation strategy resulted in the excavation of:

- Approximately 250 cubic yards of soil at Main Excavation

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- Approximately 150 cubic yards of soil at North East Excavation
- Approximately 150 cubic yards of soil at South East Excavation
- Approximately 100 cubic yards of soil at West Excavation
- Approximately 50 cubic yards of soil at North West Excavation
- Approximately 50 cubic yards of soil at South West Excavation

A light water spray was applied periodically onto the working face of active excavations and stockpile areas to minimize win-blown dust. Perimeter air monitoring for lead was conducted on the side opposite to the prevailing wind.

During excavation activities, all excavated soil was assumed to be contaminated. There was no segregation of "clean" soil from contaminated soil. The stockpiles were characterized for potential Volatile Organic Compounds (VOC's) and Total Petroleum Hydrocarbon (TPH) contamination and segregated as to whether they were identified as California Hazardous Waste or Federal RCRA Waste based on Toxic Characteristic Leaching Procedure (TCLP) results of stockpile samples.

6.4 CONFIRMATION, STOCKPILE & AIR SAMPLING/ANALYSIS

6.4.1 Confirmation Soil Sampling and Analysis

As specified in the Soil Excavation Workplan confirmation sampling and analysis was performed on excavation bottoms and sidewalls. One "grab" sample was collected from the excavation bottom/floor per 400 square feet of exposed excavation floor, and one "grab" sample was collected from the excavation sidewall per every 100 square feet of excavation sidewall. For excavations smaller than these dimensions, at least one "grab" sample was taken from the excavation floor and at least two "grab" samples from the excavation sidewall were collected at each excavation location.

The confirmation samples were collected by removing an area of exposed soil with a decontaminated hand trowel and then pushing a plastic sampling tube into the freshly exposed soil until the container was full. The sampling tube was retrieved, the tube was wiped clean of excess soil and the tops were secured with air tight lids.

Samples were labeled with the following information:

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Corona, CA 92882
Email pyjd@verizon.net
Cell 310 353-6889
Office 951 471-3249
Fax 951 471-3843

- Project name
- Sample location
- Date of sample collection
- Time of sample collection
- Samplers initials

The samples were transported daily to the laboratory by the sampler where the chain-of-custody (COC) was filled out. COC records were maintained for all samples. The sampler and laboratory each signed the COC. Each batch of samples was assigned a laboratory number and a unique sequential identification number. The laboratory custodian was responsible for the samples after transfer from sampler with the proper COC.

These sampling protocols resulted in the collection of 36 excavation sidewall confirmation samples and 18 excavation floor confirmation samples.

Confirmation soil samples were analyzed for lead by modified EPA SW-846 Methods 3050 and 7420 using Flame Atomic Absorption Spectroscopy and expressed as percentage and mg/kg. Analysis was performed by Ameri Sci Los Angeles, a California accredited laboratory, CA ELAP #2322.

6.4.2 Stockpile Soil Sampling and Analysis

Stockpiles were sampled to determine whether the soil should be disposed of as California Hazardous Waste or Federal RCRA Waste. The RCRA stockpile was further sampled to determine whether other contaminants were present that may interfere with the treatment of RCRA lead-contaminated soils.

Two stockpiles were developed on the site, one for California Hazardous soil and one for RCRA soil.

The stockpiles samples were collected at least 18 inches below the surface of the stockpile by digging into the stockpile with a decontaminated trowel, and then pushing a plastic sampling tube for the lead samples and a wide mouth glass jar for the VOC and TPH samples into the freshly exposed soil surface.

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The stockpile samples were then transported by the sampler with the proper COC to the environmental laboratory where laboratory personnel took custody of them.

Stockpile soil samples were analyzed for lead by modified EPA SW-846 Methods 3050 and 7420 using Flame Atomic Absorption Spectroscopy and expressed as percentage and mg/kg. Analysis was performed by Ameri Sci Los Angeles, a California accredited laboratory, CA ELAP #2322.

Stockpile soil samples were analyzed for Title 22 Metals by modified EPA SW-846 Methods 6010B and 7471 using Inductively Coupled Plasma and expressed as percentage and mg/kg. Analysis was performed by Ameri Sci Los Angeles, a California accredited laboratory, CA ELAP #2322.

Stockpile soil samples were analyzed TPH and VOC's by modified EPA Methods 1664 and 8260B respectively and expressed as mg/kg. Analysis was performed by Ameri Sci Los Angeles, a California accredited laboratory, CA ELAP #2322.

6.4.3 Sample Identification

JHD Services used the following nomenclature to assign each sample identification number (ID):

Confirmation Soil Samples

- The confirmation sample ID begins with a "CS", indicating confirmation soil samples. The description and location of the samples changed as the excavations grew beyond the original boundaries of the workplan and, in some cases, connected. The samples are thus identified in the Chain of Custody description associated with a specific sample number and date.

Stockpile Soil Samples

- The stockpile soil sample ID begins with a "SP" indicating stockpile waste characterization sample. Two stockpiles were generated based on the sampling results. Stockpile samples "failing" the TCLP (5mg/L), were used to identify stockpiles that were transported and disposed of as "RCRA" soils. Stockpile samples <5mg/L were used to identify stockpiles that were transported and disposed of as "California Hazardous" soils.

6.5 CONFIRMATION SOIL SAMPLE ANALYTICAL RESULTS

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Laboratory results for confirmation and stockpile soil samples are presented in Tables 1 & 2. The following discussion provides a description of the locations and confirmation sampling results of remedial excavations.

NW Excavation

This plume was located in the northwest corner of the property running in east/west orientation along O'Farrell Street and wrapping around to a north/south orientation along Beacon Street.

The excavation was approximately 10' wide, 40' long at a maximum depth of 4' bgs (east to west orientation) along O'Farrell Street to the corner of Beacon Street and O'Farrell Street and approximately 10' wide, 30' long at a maximum depth of 4' (north to south orientation) along Beacon Street. Eight confirmation samples were taken from the North West Excavation. Two samples exceeded 150 mg/kg (residential lead level); Sample CS-2, taken on 01-16-08 on the west wall of the west section of the excavation, and Sample CS-1, taken on 01-16-08 on the north wall of the center section of the excavation. All sample laboratory results are included in Tables 1 & 2.

West Excavation

This plume was located in the west center portion of the property running in north/south orientation along Beacon Street.

The excavation was approximately 20' wide, 50' long and at a maximum depth of 8' bgs.

Sixteen confirmation samples were taken from the west excavation. All sample results were below the 150 mg/kg residential target level.

SW Excavation

This plume was located in the southwest portion of the property running in east/west orientation along the south property line.

The excavation was approximately 10' wide, 50' long and at a maximum depth of 3' bgs.

Seven confirmation samples were taken from the South West Excavation. One sample exceeded 150 mg/kg; Sample CS-2, taken on 02-23-08 from the south wall of the center section of the excavation.

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SE Excavation

This plume was located in the southeast portion of the property running in north/south orientation and extending in east/west orientation.

The excavation was approximately 10' wide, 50' long and at a maximum depth of 6' bgs.

Eight confirmation samples were taken from the South East Excavation. All sample results were below the 150 mg/kg residential target level.

Main Excavation

This plume was located in the center of the property running in east/west orientation and extending in north/south orientation.

The excavation was approximately 35' wide, 35' long and at a maximum depth of 10' bgs.

Nine confirmation samples were taken from the Main Excavation. One sample exceeded 150 mg/kg; Sample CS-5, taken on 03-05-08 from the south side of the west wall of the excavation.

NE Excavation

This plume was located in the northeast portion of the property running in north/south orientation and extending in east/west orientation.

The excavation was approximately 30' wide, 50' long and at a maximum depth of 8' bgs.

Five samples were taken from the North East Excavation. No samples exceeded the 150 mg/kg residential target level.

Stockpiles 1 & 2

Two stockpiles were generated by soils removed from the six excavations. The stockpiles were divided between Federally regulated "RCRA" lead contaminated soils and California regulated "non-RCRA" lead contaminated soils. The stockpiles contained a total of 1,006 tons of soil: 678 tons "RCRA", and 328 tons "non-RCRA". The laboratory analytical results (Attachment 1) indicate that soil

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samples did not contain Title 22 Metals, hydrocarbons or volatile organic compounds above regulatory levels.

6.6 SOIL TRANSPORTATION & DISPOSAL

All soils excavated from the site were transported and disposed of as lead-containing soils. No "clean" remained on site to be recycled or used as backfill. Transportation of contaminated soils was conducted by Clean Harbors Environmental and was transported to Clean Harbors Buttonwillow LLC, 2500 West Lokern Street, Buttonwillow, CA 93206.

6.7 SITE RESTORATION

The site will be excavated for a parking garage. The developer will decide the timeframe for excavation and will choose whether to backfill based on that timetable. No excavated soils will be used for backfill.

7.0 LIMITATIONS

The soil remediation was performed and this report was prepared pursuant to ENCORRE Services November 2006 Soil Excavation Workplan, that was approved by the LACFD/HHMD prior to the performance of cleanup activities. The Site cleanup was principally based on the findings of the findings on surveys conducted by Ancon Marine, SECOR, JHD Services and ENCORRE Services previously referenced in this report.

JHD Services' scope of services was limited to those items specifically identified in the Soil Excavation Workplan. Environmental issues not specifically identified in the Soil Excavation Workplan and/or this report were beyond the scope of our services and not included.

This report is based on the following:

- Observations made by JHD Services' personnel
- Sampling of locations in accordance with LACFD/HHMD guidance
- Results of soil sample laboratory analysis by Ameri Sci
- Referenced documents

This report may be used only by the client and only for the purpose stated within a reasonable time from its issuance, but in no event later than 3 years from the date of the Report. Land or facility use; on- and off- site conditions, regulations or other factors may change over time, and additional work may be required with the

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passage of time. Any party other than client who wish to use the report shall notify JHD Services of such intended use. Non-compliance with these limitations will release JHD Services from any liability from such unauthorized use.

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Table 1:
CONFIRMATION SAMPLE ANALYTICAL RESULTS

319 & 327 North Harbor Boulevard

WEST EXCAVATION

Sample #	Sample Depth	Sample Date	Location	Results
CS-1	4' bgs	11/14/07	West Excavation South Side South Bottom	26 mg/kg
CS-2	4' bgs	11/14/07	West Excavation South Side West Face	48 mg/kg
CS-3	4' bgs	11/14/07	West Excavation South Side East Face	<20 mg/kg
CS-4	4' bgs	11/14/07	West Excavation North Side North Bottom	40 mg/kg
CS-5	4' bgs	11/14/07	West Excavation North Side West Face	<20 mg/kg
CS-6	4' bgs	11/14/07	West Excavation North Side East Face	<20 mg/kg
CS-5	6' bgs	11/26/07	West Excavation North Section East Face	54 mg/kg
CS-8	4' bgs	11/26/07	West Excavation South Section West Bottom	<20 mg/kg
CS-9	4' bgs	11/26/07	West Excavation South Section East Bottom	<20 mg/kg
CS-10	4' bgs	11/26/07	West Excavation South Section West Face	<20 mg/kg
CS-1	4' bgs	01/04/08	West Excavation South Section South Bottom	33 mg/kg
CS-2	4' bgs	01/04/08	West Excavation South Section North Bottom	120 mg/kg
CS-1	4' bgs	01/07/08	West Excavation South Section South Bottom	27 mg/kg
CS-2	4' bgs	01/07/08	West Excavation South Section North Bottom	33 mg/kg
CS-5	4' bgs	02/15/08	West Excavation South Section South Wall	130 mg/kg
CS-6	8' bgs	03/05/08	West Excavation North Side Bottom	<20 mg/kg

NORTH WEST EXCAVATION

Sample #	Sample Depth	Sample Date	Location	Results
CS-4	4' bgs	11/26/07	North West Excavation West Face	130 mg/kg
CS-5	4' bgs	01/07/08	North West Excavation East Section East Bottom	24 mg/kg
CS-6	4' bgs	01/07/08	North West Excavation East Section West Bottom	<20 mg/kg
CS-7	2' bgs	01/07/08	North West Excavation West Section East Bottom	<20 mg/kg
CS-8	2' bgs	01/07/08	North West Excavation West Section West Bottom	<20 mg/kg
CS-2	2' bgs	01/09/08	North West Excavation South Bottom	78 mg/kg
CS-1	4' bgs	01/16/08	North West Excavation East Wall	<20 mg/kg
CS-3	4' bgs	01/16/08	North West Excavation East Bottom	<20 mg/kg

NORTH EAST EXCAVATION

Sample #	Sample Depth	Sample Date	Location	Results
CS-1	4' bgs	12/12/07	North East Excavation East Face	40 mg/kg
CS-2	4' bgs	12/12/07	North East Excavation West Face	30 mg/kg
CS-3	4' bgs	12/12/07	North East Excavation North Face	64 mg/kg
CS-4	4' bgs	12/12/07	North East Excavation South Face	47 mg/kg
CS-5	4' bgs	12/12/07	North East Excavation Bottom Center	36 mg/kg

SOUTH EAST EXCAVATION

Sample #	Sample Depth	Sample Date	Location	Results
CS-2	4' bgs	11/20/07	South East Excavation East Section East Bottom	26 mg/kg
CS-3	4' bgs	11/20/07	South East Excavation East Section South Wall	110 mg/kg
CS-4	4' bgs	11/20/07	South East Excavation West Section East Wall	<20 mg/kg
CS-6	4' bgs	12/12/07	South East Excavation East Face	100 mg/kg
CS-7	4' bgs	12/12/07	South East Excavation West Face	20 mg/kg
CS-8	4' bgs	12/12/07	South East Excavation North Face	24 mg/kg
CS-9	4' bgs	12/12/07	South East Excavation South Face	120 mg/kg
CS-10	6' bgs	12/12/07	South East Excavation West Bottom	<20 mg/kg
CS-11	6' bgs	12/12/07	South East Excavation East Bottom	54 mg/kg

SOUTHWEST EXCAVATION

Sample #	Sample Depth	Sample Date	Location	Results
CS-4	4' bgs	01/16/08	South West Excavation West Bottom	110 mg/kg
CS-4	4' bgs	01/16/08	South West Excavation West Bottom	110 mg/kg
CS-14	3' bgs	02/15/08	South West Excavation West Wall	110 mg/kg
CS-15	3' bgs	02/15/08	South West Excavation East Wall	61 mg/kg
CS-17	3' bgs	02/15/08	South West Excavation South Wall	42 mg/kg
CS-1	4' bgs	02/23/08	South West Excavation West Wall	<20 mg/kg

CS-3	4' bgs	02/23/08	South West Excavation West Wall Bottom	42 mg/kg
CS-4	4' bgs	02/23/08	South West Excavation East Wall	100 mg/kg
CS-5	4' bgs	02/23/08	South West Excavation East Wall Bottom	22 mg/kg
CS-6	4' bgs	02/23/08	South West Excavation North Wall	28 mg/kg

MAIN EXCAVATION

Sample #	Sample Depth	Sample Date	Location	Results
CS-1	4' bgs	12/13/07	Main Excavation East Wall	40 mg/kg
CS-9	6' bgs	01/16/08	Main Excavation East Wall	30 mg/kg
CS-8	8' bgs	02/15/08	Main Excavation North West Bottom	130 mg/kg
CS-9	8' bgs	02/15/08	Main Excavation South West Bottom	21 mg/kg
CS-12	8' bgs	02/15/08	Main Excavation East Wall South	130 mg/kg
CS-3	8' bgs	02/23/08	Main Excavation South Wall	<20 mg/kg
CS-4	8' bgs	02/23/08	Main Excavation East Wall South Side	40 mg/kg
CS-1	10' bgs	03/05/08	Main Excavation East Wall South Side	<20 mg/kg
CS-2	10' bgs	03/05/08	Main Excavation East Wall Center	130 mg/kg
CS-3	10' bgs	03/05/08	Main Excavation East Wall North Side	49 mg/kg
CS-11	6' bgs	12/12/07	South East Excavation East Bottom	54 mg/kg

NOTES:

bgs=below grade surface

mg/kg=milligrams per kilogram

Table 2:

COMPREHENSIVE EXCAVATION SAMPLE ANALYTICAL RESULTS

319 & 327 North Harbor Boulevard

Sampling Date: 11/14/07

Sample #	Sample Depth	Sample Date	Location	Results
LE-1	Surface	10/29/07	Asphalt Pile West Side	***190 mg/kg****
LE-2	Surface	10/29/07	Asphalt Pile East Side	140 mg/kg
CS-1	4' bgs	11/14/07	West Excavation South Side South Bottom	26 mg/kg
CS-2	4' bgs	11/14/07	West Excavation South Side West Face	48 mg/kg
CS-3	4' bgs	11/14/07	West Excavation South Side East Face	<20 mg/kg
CS-4	4' bgs	11/14/07	West Excavation North Side North Bottom	40 mg/kg
CS-5	4' bgs	11/14/07	West Excavation North Side West Face	<20 mg/kg
CS-6	4' bgs	11/14/07	West Excavation North Side East Face	<20 mg/kg

Sampling Date: 11/20/07

Sample #	Sample Depth	Sample Date	Location	Results
CS-1	4' bgs	11/20/07	South East Excavation East Section East Wall	***160 mg/kg***
CS-2	4' bgs	11/20/07	South East Excavation East Section East Bottom	26 mg/kg
CS-3	4' bgs	11/20/07	South East Excavation East Section South Wall	110 mg/kg
CS-4	4' bgs	11/20/07	South East Excavation West Section East Wall	<20 mg/kg
CS-5	4' bgs	11/20/07	South East Excavation West Section West Bottom	***510 mg/kg***

CS-6	4' bgs	11/20/07	South East Excavation West Section West Wall	***480 mg/kg***
CS-7	4' bgs	11/20/07	Main Excavation West Face	***4,600 mg/kg***

Sampling Date: 11/26/07

Sample #	Sample Depth	Sample Date	Location	Results
CS-1	2' bgs	11/26/07	North West Excavation North Wall	***380 mg/kg***
CS-2	2' bgs	11/26/07	North West Excavation Center Section North Bottom	***370 mg/kg***
CS-3	2' bgs	11/26/07	North West Excavation North West Wall	***280 mg/kg***
CS-4	4' bgs	11/26/07	North West Excavation West Face	130 mg/kg
CS-5	6' bgs	11/26/07	West Excavation North Section East Face	54 mg/kg
CS-6	6' bgs	11/26/07	West Excavation North Section South Face	***1,400 mg/kg***
CS-7	6' bgs	11/26/07	West Excavation North Section West Face	***430 mg/kg***
CS-8	4' bgs	11/26/07	West Excavation South Section West Bottom	<20 mg/kg
CS-9	4' bgs	11/26/07	West Excavation South Section East Bottom	<20 mg/kg
CS-10	4' bgs	11/26/07	West Excavation South Section West Face	<20 mg/kg

Sampling Date: 12/12/07

Sample #	Sample Depth	Sample Date	Location	Results
CS-1	4' bgs	12/12/07	North East Excavation East Face	40 mg/kg
CS-2	4' bgs	12/12/07	North East Excavation West Face	30 mg/kg
CS-3	4' bgs	12/12/07	North East Excavation North Face	64 mg/kg

CS-4	4' bgs	12/12/07	North East Excavation South Face	47 mg/kg
CS-5	4' bgs	12/12/07	North East Excavation Bottom Center	36 mg/kg
CS-6	4' bgs	12/12/07	South East Excavation East Face	100 mg/kg
CS-7	4' bgs	12/12/07	South East Excavation West Face	20 mg/kg
CS-8	4' bgs	12/12/07	South East Excavation North Face	24 mg/kg
CS-9	4' bgs	12/12/07	South East Excavation South Face	120 mg/kg
CS-10	6' bgs	12/12/07	South East Excavation West Bottom	<20 mg/kg
CS-11	6' bgs	12/12/07	South East Excavation East Bottom	54 mg/kg

Sampling Date: 12/13/07

Sample #	Sample Depth	Sample Date	Location	Results
CS-1	4' bgs	12/13/07	Main Excavation East Wall	40 mg/kg
CS-2	4' bgs	12/13/07	Main Excavation South Wall	***1,200 mg/kg***
CS-3	4' bgs	12/13/07	Main Excavation West Wall	***2,100 mg/kg***
CS-4	6' bgs	12/13/07	Main Excavation Bottom	***1,600 mg/kg***
CS-5	4' bgs	12/13/07	Main Excavation West Wall	***2,000 mg/kg***

Sampling Date: 01/04/08

Sample #	Sample Depth	Sample Date	Location	Results
CS-1	4' bgs	01/04/08	West Excavation South Section South Bottom	33 mg/kg
CS-2	4' bgs	01/04/08	West Excavation South Section North Bottom	120 mg/kg
CS-3	6' bgs	01/04/08	West Excavation North Section South Bottom	***1,600 mg/kg***

CS-4	6' bgs	01/04/08	West Excavation South Section North Bottom	***4,800 mg/kg***

Sampling Date: 01/07/08

Sample #	Sample Depth	Sample Date	Location	Results
CS-1	4' bgs	01/07/08	West Excavation South Section South Bottom	27 mg/kg
CS-2	4' bgs	01/07/08	West Excavation South Section North Bottom	33 mg/kg
CS-3	6' bgs	01/07/08	West Excavation North Section South Bottom	57 mg/kg
CS-4	6' bgs	01/07/08	West Excavation South Section North Bottom	***2,600 mg/kg***
CS-5	4' bgs	01/07/08	North West Excavation East Section East Bottom	24 mg/kg
CS-6	4' bgs	01/07/08	North West Excavation East Section West Bottom	<20 mg/kg
CS-7	2' bgs	01/07/08	North West Excavation West Section East Bottom	<20 mg/kg
CS-8	2' bgs	01/07/08	North West Excavation West Section West Bottom	<20 mg/kg

Sampling Date: 01/09/08

Sample #	Sample Depth	Sample Date	Location	Results
CS-1	6' bgs	01/09/08	Main Excavation East Wall	***2,000 mg/kg***
CS-2	2' bgs	01/09/08	North West Excavation South Bottom	78 mg/kg
CS-3	2' bgs	01/09/08	North West Excavation North Bottom	***1,500 mg/kg***
CS-4	2' bgs	01/09/08	South West Excavation South Bottom	***670 mg/kg***
CS-5	2' bgs	01/09/08	South West Excavation North Bottom	***320 mg/kg***

Sampling Date: 01/16/08

Sample #	Sample Depth	Sample Date	Location	Results
CS-1	4' bgs	01/16/08	North West Excavation East Wall	<20 mg/kg
CS-2	4' bgs	01/16/08	North West Excavation West Wall	***290 mg/kg***
CS-3	4' bgs	01/16/08	North West Excavation East Bottom	<20 mg/kg
CS-4	4' bgs	01/16/08	South West Excavation West Bottom	110 mg/kg
CS-5	6' bgs	01/16/08	Main Excavation North Wall	***1,900 mg/kg***
CS-6	6' bgs	01/16/08	Main Excavation South Wall	***1,700 mg/kg***
CS-7	6' bgs	01/16/08	Main Excavation West Wall	***2,000 mg/kg***
CS-8	6' bgs	01/16/08	Main Excavation East Bottom	***1,200 mg/kg***
CS-9	6' bgs	01/16/08	Main Excavation East Wall	30 mg/kg

Sampling Date: 02/15/08

Sample #	Sample Depth	Sample Date	Location	Results
CS-1	4' bgs	02/15/08	West Excavation North Section North West Wall	***600 mg/kg***
CS-2	4' bgs	02/15/08	West Excavation North Section Bottom	***630 mg/kg***
CS-3	4' bgs	02/15/08	West Excavation North Section West Wall	***1,300 mg/kg***
CS-4	4' bgs	02/15/08	West Excavation South Section Bottom	***260 mg/kg***
CS-5	4' bgs	02/15/08	West Excavation South Section South Wall	130 mg/kg
CS-6	8' bgs	02/15/08	Main Excavation Center Bottom	***1,600 mg/kg***
CS-7	8' bgs	02/15/08	Main Excavation North East Bottom	***3,000 mg/kg***
CS-8	8' bgs	02/15/08	Main Excavation North West Bottom	130 mg/kg
CS-9	8' bgs	02/15/08	Main Excavation South West Bottom	21 mg/kg

CS-10	8' bgs	02/15/08	Main Excavation East Wall Center	***1,400 mg/kg***
CS-11	8' bgs	02/15/08	Main Excavation East Wall North	***1,800 mg/kg***
CS-12	8' bgs	02/15/08	Main Excavation East Wall South	130 mg/kg
CS-14	3' bgs	02/15/08	South West Excavation West Wall	110 mg/kg
CS-15	3' bgs	02/15/08	South West Excavation East Wall	61 mg/kg
CS-16	3' bgs	02/15/08	South West Excavation North Wall	***460 mg/kg***
CS-17	3' bgs	02/15/08	South West Excavation South Wall	42 mg/kg

Sampling Date: 02/23/08

Sample #	Sample Depth	Sample Date	Location	Results
CS-1	4' bgs	02/23/08	South West Excavation West Wall	<20 mg/kg
CS-2	4' bgs	02/23/08	South West Excavation South Wall	***320 mg/kg***
CS-3	4' bgs	02/23/08	South West Excavation West Wall Bottom	42 mg/kg
CS-4	4' bgs	02/23/08	South West Excavation East Wall	100 mg/kg
CS-5	4' bgs	02/23/08	South West Excavation East Wall Bottom	22 mg/kg
CS-6	4' bgs	02/23/08	South West Excavation North Wall	28 mg/kg

Sampling Date: 02/23/08

Sample #	Sample Depth	Sample Date	Location	Results
CS-1	8' bgs	02/23/08	Main Excavation North Wall	***600 mg/kg***
CS-2	8' bgs	02/23/08	Main Excavation West Wall	***1,300 mg/kg***

CS-3	8' bgs	02/23/08	Main Excavation South Wall	<20 mg/kg
CS-4	8' bgs	02/23/08	Main Excavation East Wall South Side	40 mg/kg
CS-5	8' bgs	02/23/08	Main Excavation East Wall Center	***1,700 mg/kg***
CS-6	8' bgs	02/23/08	Main Excavation East Wall North Side	***1,100 mg/kg***
CS-7	8' bgs	02/23/08	Main Excavation East Bottom	***1,400 mg/kg***
CS-8	8' bgs	02/23/08	Main Excavation West Bottom	***1,200 mg/kg***

Sampling Date: 03/05/08

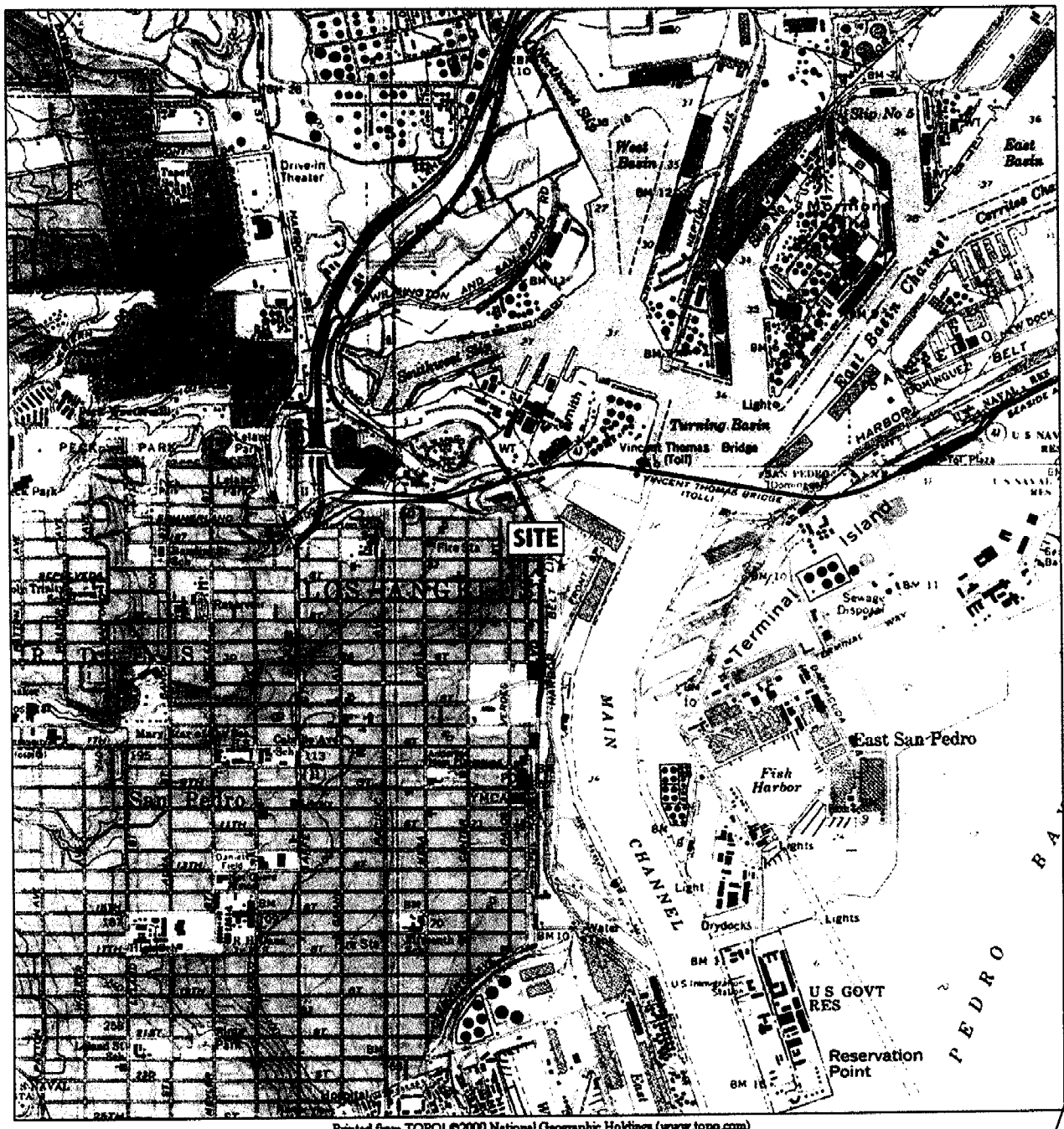
Sample #	Sample Depth	Sample Date	Location	Results
CS-1	10' bgs	03/05/08	Main Excavation East Wall South Side	<20 mg/kg
CS-2	10' bgs	03/05/08	Main Excavation East Wall Center	130 mg/kg
CS-3	10' bgs	03/05/08	Main Excavation East Wall North Side	49 mg/kg
CS-4	10' bgs	03/05/08	Main Excavation West Wall North Side	<20 mg/kg
CS-5	10' bgs	03/05/08	Main Excavation West Wall South Side	420 mg/kg
CS-6	8' bgs	03/05/08	West Excavation North Side Bottom	<20 mg/kg

NOTES:

bgs=below grade surface

mg/kg=milligrams per kilogram

* Sample results in bold italics exceed residential background level of 150 mg/kg



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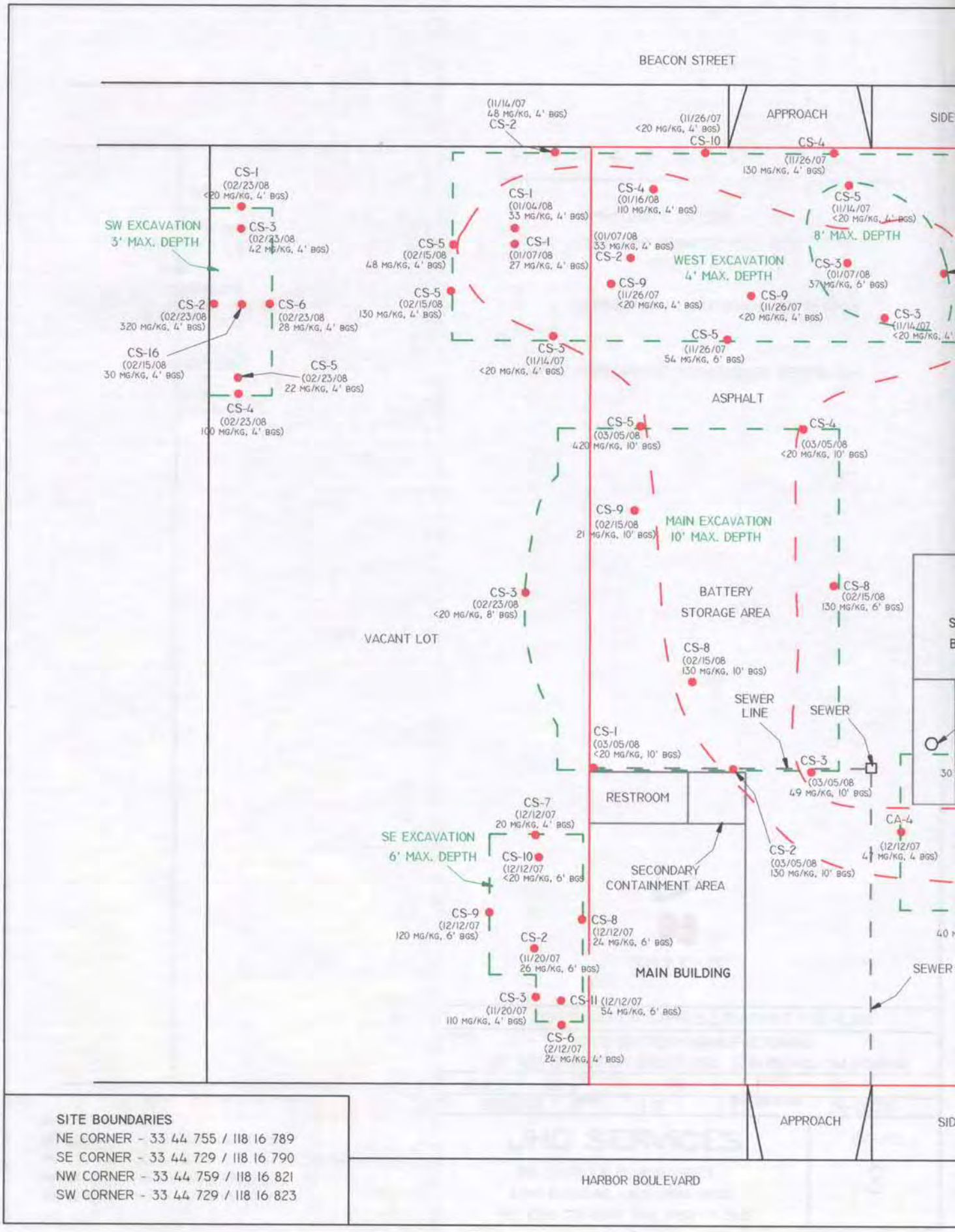
N

06-0612A

JHD SERVICES 206 SOUTH CALIFORNIA STREET LAKE ELSINORE, CALIFORNIA 92530 TEL. (310) 353-6889 FAX. (951) 471-3843	PROJECT NO. 06-0612 DRAWN: SD DATE: 05/02/08 APPROVED: VH REVISED:	VICINITY MAP 319-327 NORTH HARBOR BOULEVARD SAN PEDRO, CALIFORNIA	FIGURE 1



SITE BOUNDARIES
NE CORNER - 33 44 755 / 118 16 789
SE CORNER - 33 44 729 / 118 16 790
NW CORNER - 33 44 759 / 118 16 821
SW CORNER - 33 44 729 / 118 16 823

L E G E N D

APPROXIMATE LATERAL EXTENT OF LEAD-CONTAMINATED SOIL TO BE REMOVED

APPROXIMATE LOCATION OF EXCAVATION

CS-1 APPROXIMATE LOCATION OF BORING CS-1

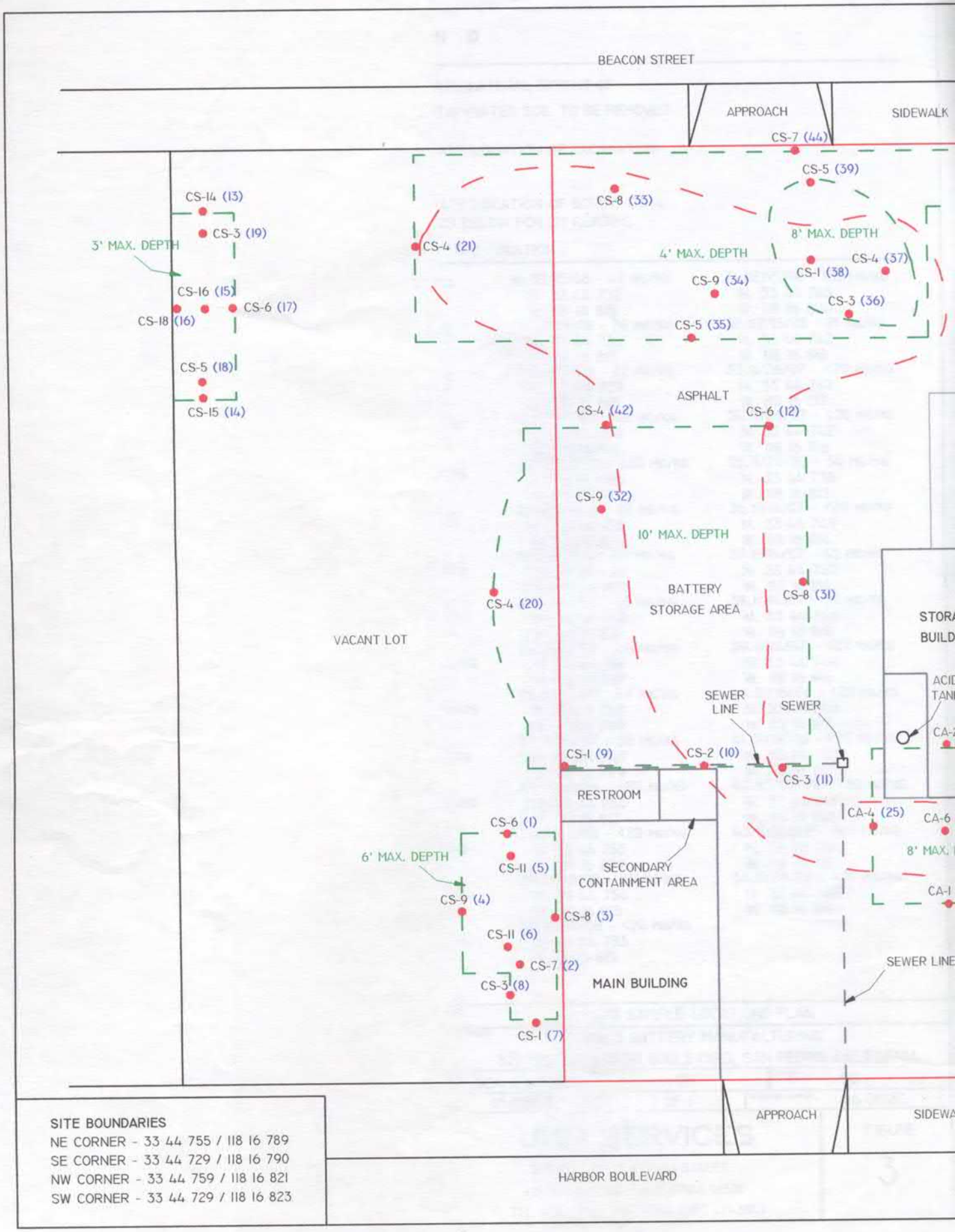
N

SCALE 1" = 20'

TITLE	CONFIRMATION SAMPLE LOCATIONS SITE PLAN		
SITE ADDRESS	ARCO BATTERY MANUFACTURING 327 NORTH HARBOR BOULEVARD, SAN PEDRO, CALIFORNIA		
SCALE SCALE 1" = 20'	APPROVED BY VH	DRAWN SD	
DATE 05/02/08	SHEET 1 OF 1	DRAWING NUMBER 06-0612B	

JHD SERVICES
206 SOUTH CALIFORNIA STREET
LAKE ELSINORE, CALIFORNIA 92530
TEL. (310) 353-6889 FAX. (951) 471-3843

FIGURE 2



SITE BOUNDARIES
NE CORNER - 33 44 755 / 118 16 789
SE CORNER - 33 44 729 / 118 16 790
NW CORNER - 33 44 759 / 118 16 821
SW CORNER - 33 44 729 / 118 16 823

L E G E N D

APPROXIMATE LATERAL EXTENT OF LEAD-CONTAMINATED SOIL TO BE REMOVED

APPROXIMATE LOCATION OF EXCAVATION

CS-14 (13)
APPROXIMATE LOCATION OF BORING CS-14
SEE NO. (13) BELOW FOR ??? READING

SAMPLE RESULTS BY GPS LOCATION

1. 12/12/07 - 100MG/KG
   N. 33 44 734
   W. 118 16 813
2. 12/12/07 - 20MG/KG
   N. 33 44 735
   W. 168 16 795
3. 12/12/07 - 24MG/KG
   N. 33 44 738
   W. 118 16 794
4. 12/12/07 - 120 MG/KG
   N. 33 44 734
   W. 118 16 799
5. 12/12/07 - <20 MG/KG
   N. 33 44 735
   W. 118 16 799
6. 12/12/07 - 54 MG/KG
   N. 33 44 735
   W. 118 16 798
7. 11/20/07 - 160 MG/KG
   N. 33 44 737
   W. 118 16 793
8. 11/20/07 - <20 MG/KG
   N. 33 44 737
   W. 118 16 794
9. 03/05/08 - <20 MG/KG
   N. 33 44 740
   W. 118 16 800
10. 03/05/08 - <30 MG/KG
    N. 33 44 741
    W. 118 16 800
11. 03/05/08 - 49 MG/KG
    N. 33 44 743
    W. 118 16 799
12. 03/05/08 - <20 MG/KG
    N. 33 44 743
    W. 118 16 808
13. 02/15/08 - 110 MG/KG
    N. 33 44 729
    W. 118 16 817
14. 02/15/08 - 61 MG/KG
    N. 33 44 729
    W. 118 16 813
15. 02/15/08 - 30 MG/KG
    N. 33 44 732
    W. 118 16 814
16. 02/15/08 - 42 MG/KG
    N. 33 44 732
    W. 118 16 815
17. 02/23/08 - 28 MG/KG
    N. 33 44 732
    W. 118 16 815
18. 02/23/08 - 22 MG/KG
    N. 33 44 729
    W. 118 16 813
19. 02/23/08 - 42 MG/KG
    N. 33 44 730
    W. 118 16 815
20. 02/23/08 - <20 MG/KG
    N. 33 44 785
    W. 118 16 804
21. 02/23/08 - 48 MG/KG
    N. 33 44 746
    W. 118 16 817
22. 12/12/07 - 40 MG/KG
    N. 33 44 749
    W. 118 16 793
23. 12/12/07 - 30 MG/KG
    N. 33 44 748
    W. 118 16 801
24. 12/12/07 - 64 MG/KG
    N. 33 44 751
    W. 118 16 797
25. 12/12/07 - 47 MG/KG
    N. 33 44 748
    W. 118 16 799
26. 12/12/07 - 36 MG/KG
    N. 33 44 749
    W. 118 16 799
27. 01/16/08 - <20 MG/KG
    N. 33 44 753
    W. 118 16 817
28. 01/16/08 - <20 MG/KG
    N. 33 44 755
    W. 118 16 809
29. 01/16/08 - 110 MG/KG
    N. 33 44 754
    W. 118 16 815
30. 01/07/08 - <20 MG/KG
    N. 33 44 753
    W.118 16 815
31. 02/15/08 - 130 MG/KG
    N. 33 44 745
    W. 118 16 804
32. 02/15/08 - 21 MG/KG
    N. 33 44 742
    W. 118 16 818
33. 11/26/07 - <20 MG/KG
    N. 33 44 747
    W. 118 16 817
34. 11/26/07 - <20 MG/KG
    N. 33 44 742
    W. 118 16 816
35. 11/26/07 - 54 MG/KG
    N. 33 44 738
    W. 118 16 813
36. 11/14/07 - <20 MG/KG
    N. 33 44 749
    W. 118 16 814
37. 11/14/07 - 40 MG/KG
    N. 33 44 750
    W. 118 16 814
38. 11/14/07 - 26 MG/KG
    N. 33 44 746
    W. 118 16 815
39. 11/14/07 - <20 MG/KG
    N. 33 44 749
    W. 118 16 816
40. 01/16/08 - <20 MG/KG
    N. 33 44 753
    W. 118 16 816
41. 01/16/08 - 290 MG/KG
    N. 33 44 753
    W. 118 16 817
42. 03/05/08 - <20 MG/KG
    N. 33 44 741
    W. 118 16 808
43. 11/26/07 - 380 MG/KG
    N. 33 44 754
    W. 118 16 815
44. 11/26/07 - 430 MG/KG
    N. 33 44 749
    W. 118 16 816

N

SCALE 1" = 20'

TITLE	GPS SAMPLE LOCATIONS PLAN		
SITE ADDRESS	ARCO BATTERY MANUFACTURING 327 NORTH HARBOR BOULEVARD, SAN PEDRO, CALIFORNIA		
SCALE SCALE 1" = 20'	APPROVED BY VH		DRAWN SD
DATE 05/02/08	SHEET 1 OF 1	DRAWING NUMBER	06-0612C

JHD SERVICES
206 SOUTH CALIFORNIA STREET
LAKE ELSINORE, CALIFORNIA 92530
TEL. (310) 353-6889 FAX. (951) 471-3843

FIGURE 3

-JHD SERVICES-

-Environmental & Construction Services-

CSLB# 818557 A, B, C21, Haz ASB

06-30-08

Richard Clarke
LOS ANGELES COUNTY FIRE DEPARTMENT
HEALTH HAZMAT DIVISION
5825 Rickenbacker Road
Commerce, CA

Re: *Addendum to Report, 327 North Harbor Boulevard, San Pedro, CA*

Dear Mr. Clark,

The following is an addendum to JHD Services Report # detailing additional sampling conducted after further excavation work in the areas of the site where lead concentrations exceeded the Residential Lead Level of 150 mg/kg. The addendum includes Table 3 delineating sample locations and results and Figure 4 that shows sample locations. Included are the excavation parameters as GPS coordinates in Figure 5.

If you have any questions please call me @ 310 353-6889.

Yours truly

John Daly
DHS Lead Inspector/Assessor #17872

26724 Caravan Circle
Corona, CA 92883
Phone # 951 471-3249
Fax # 951 471-3843
063008add

1.0 FIELD ACTIVITIES, SAMPLE ANALYSIS, AND RESULTS

The following soil excavation activities at 319-327 North Harbor Boulevard were performed on May 29th, 2008, June 3rd, 2008 and June 19th, 2008 and included the following tasks:

- Excavation of areas exceeding Residential Lead Level of 150 mg/kg
- Excavation confirmation sampling
- Stockpile sampling
- Submission of samples for analysis

1.1 SITE MANAGEMENT

JHD Services performed the excavation and collected excavation confirmation and stockpile samples.

JHD Services staff reported remediation progress and field observations to Mr. Richard Clark of LACFD-HHMD (oversight agency) and Mr. Bill Ashai (owner representative).

1.2 MOBILIZATION

After notifying the oversight agency and the appropriate agencies with oversight of excavation projects JHD Services mobilized the required site control and soil excavation equipment.

1.3 EXCAVATION OF SOIL

Cleanup activities focused on areas where samples exceeded the Residential Lead Level.

The excavations were advanced to depths ranging from approximately 3.5 feet to 12.5 feet bgs. The remediation strategy resulted in the excavation of:

- Approximately 75 cubic yards of soil in the Main Excavation.
- Approximately 60 cubic yards of soil in the West Excavation.
- Approximately 10 cubic yards of soil in the Northwest Excavation.
- Approximately 5 cubic yards of soil in the Southwest Excavation.

A light water spray was applied periodically onto the working face of active excavations and stockpile areas to minimize win-blown dust. Perimeter air monitoring for lead was conducted on the side opposite to the prevailing wind.

During excavation activities waste soils were stockpiled for analysis. Waste was characterized based on TCLP results of stockpile samples.

1.4 CONFIRMATION, STOCKPILE & AIR SAMPLING/ANALYSIS

1.4.1 Confirmation Soil Sampling and Analysis

As specified in the Soil Excavation Workplan confirmation sampling and analysis was performed on excavation bottoms and sidewalls. One "grab" sample was collected from the excavation bottom/floor per 400 square feet of exposed excavation floor, and one "grab" sample was collected from the excavation sidewall per every 100 square feet of excavation sidewall. For excavations smaller than these dimensions, at least one "grab" sample was taken from the excavation floor and at least two "grab" samples from the excavation sidewall were collected at each excavation location.

The confirmation samples were collected by removing an area of exposed soil with a decontaminated hand trowel and then pushing a plastic sampling tube into the freshly exposed soil until the container was full. The sampling tube was retrieved, the tube was wiped clean of excess soil and the tops were secured with air tight lids.

Samples were labeled with the following information:

- Project name
- Sample location
- Date of sample collection
- Time of sample collection
- Samplers initials

The samples were transported daily to the laboratory by the sampler where the chain-of-custody (COC) was filled out. COC records were maintained for all samples. The sampler and laboratory each signed the COC. Each batch of samples was assigned a laboratory number and a unique sequential identification number. The laboratory custodian was responsible for the samples after transfer from sampler with the proper COC.

These sampling protocols resulted in the collection of 7 excavation sidewall samples and 8 excavation floor samples.

Confirmation soil samples were analyzed for lead by modified EPA SW-846 Methods 3050 and 7420 using Flame Atomic Absorption Spectroscopy and

expressed as percentage and mg/kg. Analysis was performed by Ameri Sci Los Angeles, a California accredited laboratory, CA ELAP #2322.

1.4.2 Stockpile Soil Sampling and Analysis

Stockpiles were sampled to determine whether the soil should be disposed of as California Hazardous Waste or Federal RCRA Waste or regular construction waste. 3 samples were submitted to Ameri Sci Los Angeles, a California accredited laboratory, CA ELAP #2322.

Confirmation samples were taken in areas where excavation of soils exceeding the Residential Lead Level of 150 mg/kg was undertaken. The following areas exceeded the Residential Lead Level:

- Southwest Excavation South Side Wall
- West Excavation South Bottom
- West Excavation North Side Wall
- West Excavation West Side Wall
- West Excavation East Side Wall
- Northwest Excavation West Wall
- Northwest Excavation North Bottom
- Main Excavation South West Side Wall
- Main Excavation East Wall North Side
- Main Excavation South West Bottom
- Main Excavation Center West Bottom
- Main Excavation North West Bottom
- Main Excavation East Bottom

Results:

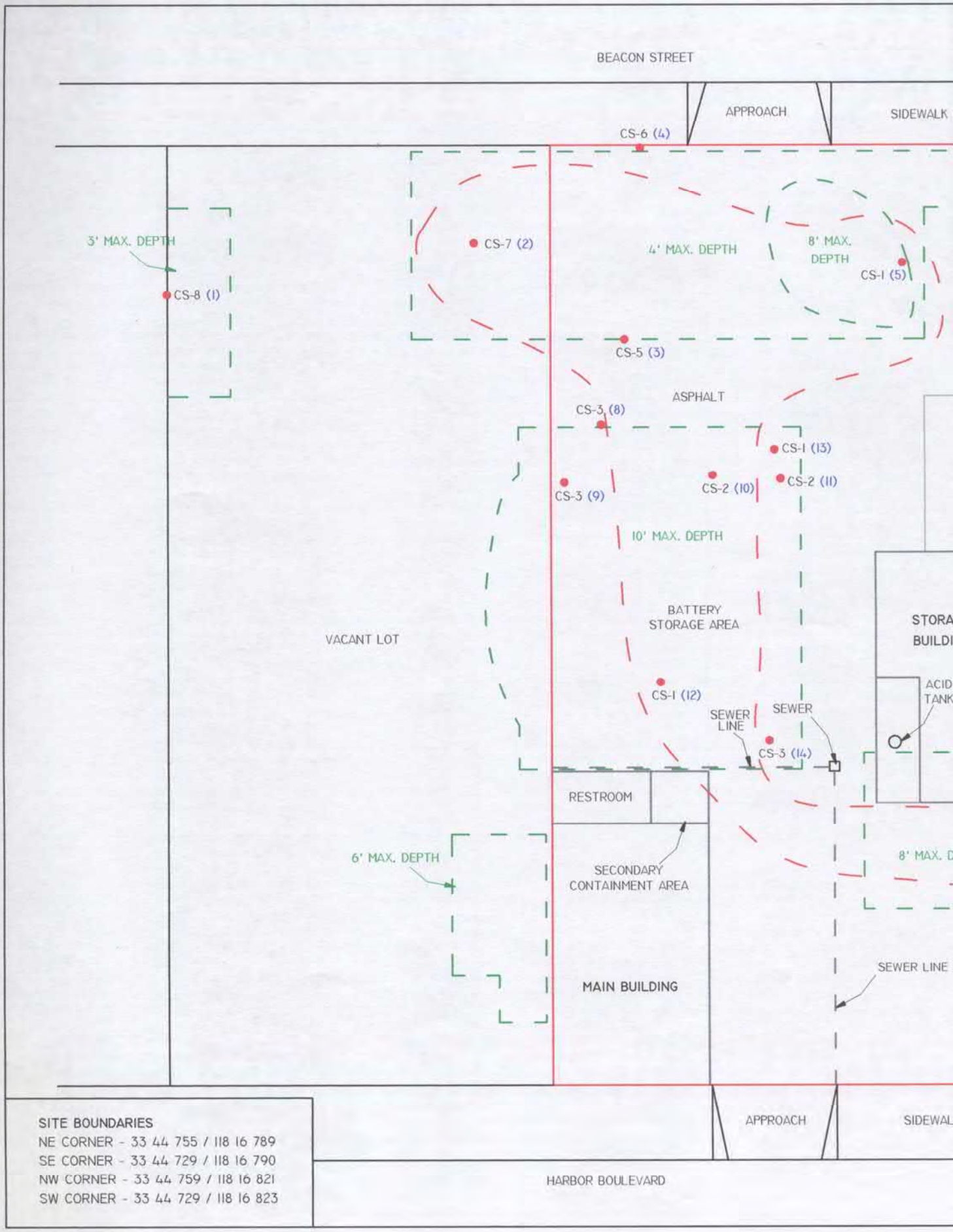
All samples are within the recommended Residential Lead Level criteria of 150 mg/kg. In addition, the stockpile samples were below TCLP levels for designation of hazardous waste. Sample locations and results are included as Table 3 and Figure 4 included with this addendum.

If you have any questions, please call me at 310 353-6889.

Documented by:	Certifications:
John Daly	Lead I/A 17872

TABLE 3
ADDENDUM TO REPORT FINAL CONFIRMATION SAMPLE LOCATIONS
(REFERENCE FOR FIGURE 4)

SAMPLE NO.		SAMPLE DATE	RESULTS	SAMPLE DEPTH
(1)	CS-8	05/30/08	22 mg/kg	4' bgs
(2)	CS-7	05/30/08	62 mg/kg	4' bgs
(3)	CS-5	05/30/08	<20 mg/kg	4' bgs
(4)	CS-6	05/30/08	<20 mg/kg	4' bgs
(5)	CS-1	06/19/08	<20 mg/kg	8' bgs
(6)	CS-10	05/30/08	23 mg/kg	4' bgs
(7)	CS-9	05/30/08	<20 mg/kg	4' bgs
(8)	CS-3	05/30/08	26 mg/kg	10' bgs
(9)	CS-3	06/03/08	42 mg/kg	10' bgs
(10)	CS-2	06/03/08	20 mg/kg	10' bgs
(11)	CS-2	06/19/08	23 mg/kg	10' bgs
(12)	CS-1	05/30/08	36 mg/kg	10' bgs
(13)	CS-1	06/03/08	<20 mg/kg	10' bgs
(14)	CS-3	05/30/08	26 mg/kg	10' bgs



SITE BOUNDARIES
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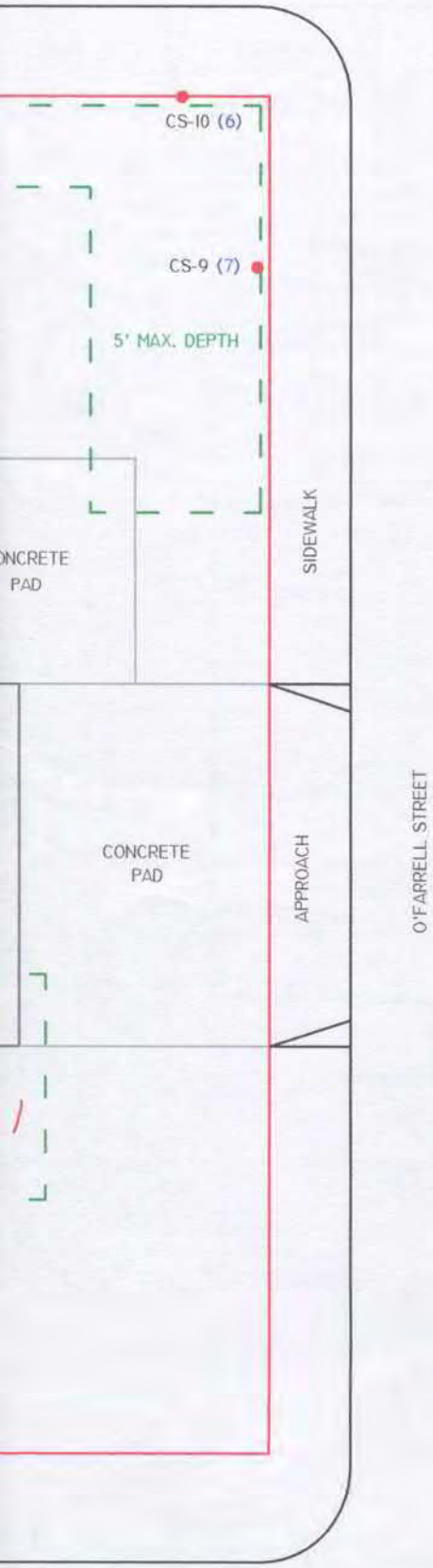
SE CORNER - 33 44 729 / 118 16 790
NW CORNER - 33 44 759 / 118 16 821
SW CORNER - 33 44 729 / 118 16 823



L E G E N D

APPROXIMATE LATERAL EXTENT OF LEAD-CONTAMINATED SOIL TO BE REMOVED

APPROXIMATE LOCATION OF EXCAVATION

CS-8 (1)

APPROXIMATE LOCATION OF BORING CS-8 (SEE SAMPLE NUMBER (1) IN THE TABLE ATTACHED)

N

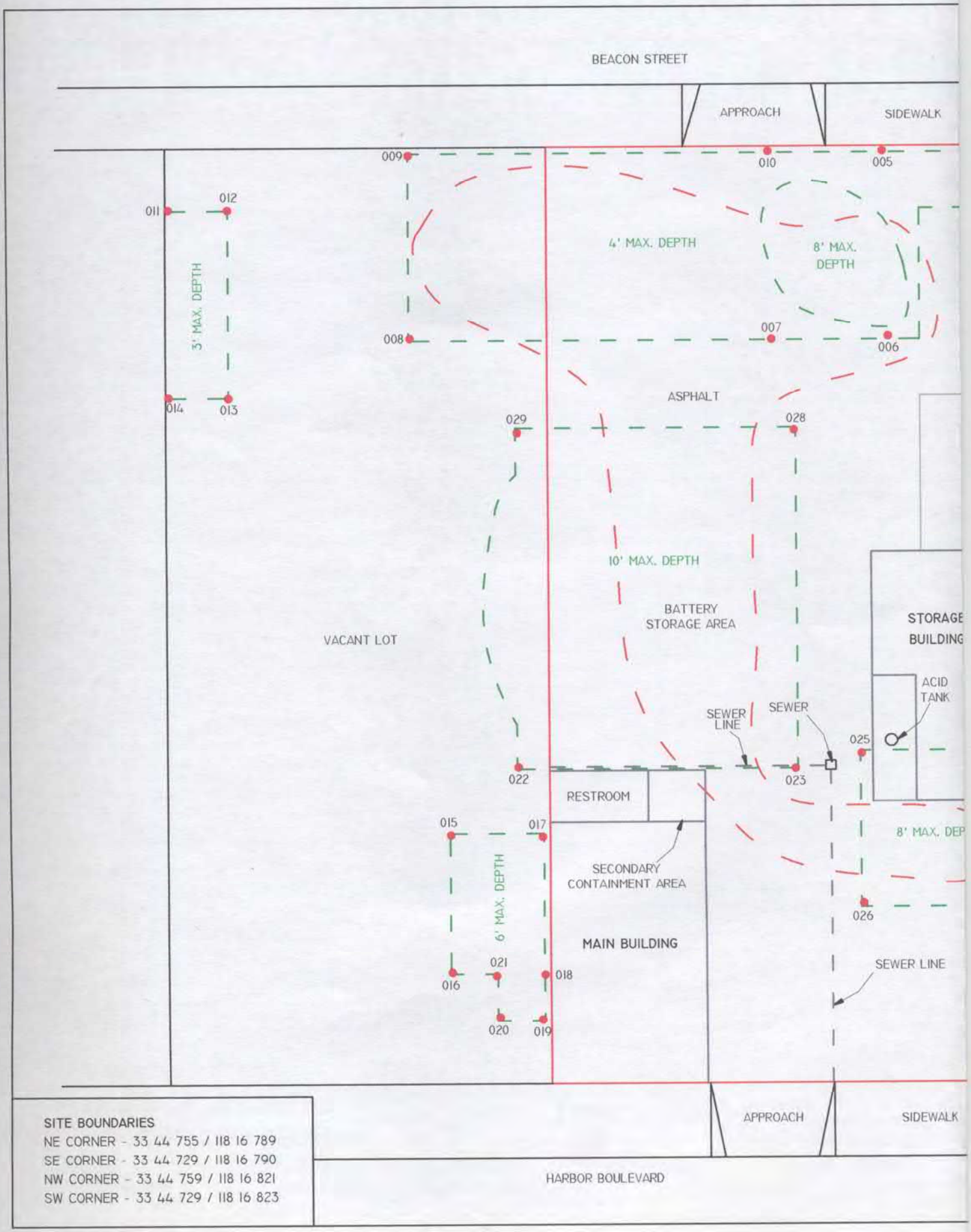
SCALE 1" = 20'

TITLE	ADDENDUM TO REPORT FINAL CONFIRMATION SAMPLE LOCATIONS		
SITE ADDRESS	ARCO BATTERY MANUFACTURING 327 NORTH HARBOR BOULEVARD, SAN PEDRO, CALIFORNIA		
SCALE SCALE 1" = 20'	APPROVED BY VH	DRAWN SD	
DATE 06/9/08	SHEET 1 OF 1	DRAWING NUMBER 06-0612D	

JHD SERVICES

206 SOUTH CALIFORNIA STREET
LAKE ELSINORE, CALIFORNIA 92530
TEL. (310) 353-6889 FAX. (951) 471-3843

FIGURE 4



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NE CORNER - 33 44 755 / 118 16 789
SE CORNER - 33 44 729 / 118 16 790
NW CORNER - 33 44 759 / 118 16 821
SW CORNER - 33 44 729 / 118 16 823

L E G E N D

APPROXIMATE LATERAL EXTENT OF LEAD-CONTAMINATED SOIL TO BE REMOVED

APPROXIMATE LOCATION OF EXCAVATION

001 GPS LOCATION NUMBER 001

GPS LOCATIONS

001- 33-44-752 118-16-807	011- 33-44-727 118-16-816	021- 33-44-743 118-16-795
002- 33-44-750 118-16-807	012- 33-44-729 118-16-816	022- 33-44-737 118-16-800
003- 33-44-753 118-16-817	013- 33-44-729 118-16-813	023- 33-44-740 118-16-800
004- 33-44-752 118-16-815	014- 33-44-726 118-16-811	024- 33-44-743 118-16-802
005- 33-44-748 118-16-814	015- 33-44-731 118-16-800	025- 33-44-746 118-16-803
006- 33-44-748 118-16-811	016- 33-44-731 118-16-795	026- 33-44-742 118-16-794
007- 33-44-740 118-16-873	017- 33-44-735 118-16-800	027- 33-44-747 118-16-794
008- 33-44-743 118-16-814	018- 33-44-735 118-16-797	028- 33-44-743 118-16-807
009- 33-44-742 118-16-819	019- 33-44-736 118-16-794	029- 33-44-738 118-16-810
010- 33-44-741 118-16-815	020- 33-44-734 118-16-793	

TITLE	GPS EXCAVATION LOCATIONS		
SITE ADDRESS	ARCO BATTERY MANUFACTURING 327 NORTH HARBOR BOULEVARD, SAN PEDRO, CALIFORNIA		
SCALE SCALE 1" = 20'	APPROVED BY VH	DRAWN SD	
DATE 06/27/08	SHEET 1 OF 1	DRAWING NUMBER 06-0612E	

JHD SERVICES

206 SOUTH CALIFORNIA STREET
LAKE ELSINORE, CALIFORNIA 92530
TEL. (310) 353-6889 FAX. (951) 471-3843

FIGURE 5

REPORT

PRELIMINARY SOIL INVESTIGATION

Proposed Commercial/ Residential Building
327 North Harbor Boulevard
San Pedro, City of Los Angeles, California

CITY OF LOS ANGELES COPY

(please do not remove or assemble the pages)

This report contains a total of 53 pages including this page

GSS ENGINEERING, INC.
GEOTECHNICAL / ENVIRONMENTAL CONSULTANTS

REPORT

PRELIMINARY SOIL INVESTIGATION

Proposed Commercial/ Residential Building
327 North Harbor Boulevard
San Pedro, City of Los Angeles, California

for

Mr. Tony Zeng
Harbor View Residence LLC
1211 Center Court Drive, #200
Covina, CA 91724

Project No. GSS-2432-1
May 10, 2017

REPORT

PRELIMINARY SOIL INVESTIGATION

PROPOSED SINGLE-FAMILY RESIDENCE

327 NORTH HARBOR BOULEVARD

SAN PEDRO, LOS ANGELES, CALIFORNIA

FOR

HARBOR VIEW RESIDENCE LLC

INTRODUCTION

The following report presents the results of a preliminary soil investigation conducted on the property located at 327 North Harbor Boulevard, in the San Pedro area of the City of Los Angeles, California. The location of the site relative to surrounding streets and landmarks is shown on Plate 1, Vicinity Map.

The purpose of this investigation was to obtain the geotechnical engineering properties of the subsurface soils at the subject site on which to base conclusions and recommendations for foundations support and other geotechnical matters pertinent to the proposed construction. Implementation of the recommendations made in this report is intended to reduce certain risks associated with construction projects. The scope of this investigation does not include the work related in any way to identify asbestos and/or hazardous contaminate waste material.

This report has been prepared for use in design of the described project. It may not contain sufficient information for other purposes. Our professional services have been performed in accordance with generally accepted engineering procedures under similar circumstances. No other warranty, expressed or implied, is made as to the professional advice included in this report.

PROPOSED DEVELOPMENT

It is understood that the subject property will be utilized for the development of a mixed-use building at the location shown on the Plot Plan, Plate 2. The proposed structure will be seven stories over a subterranean basement level, constructed of steel frame and concrete walls with slab on grade.

The finish grade of the proposed basement will be approximately 10 to 15 feet below the existing grade. Hence, the surrounding walls of the subterranean basement will be retaining walls at the same height. Cut up to 15 feet including footing is anticipated for constructing the subterranean basement. No detailed grading plan and design loads are available at the time of this investigation.

A cross-section showing the proposed construction is depicted on Plate 3.

FIELD EXPLORATIONS AND LABORATORY TESTING

Field explorations were performed to establish the geotechnical conditions of the site. Three (3) test borings were excavated at the locations shown on Plate 2. The explorations were logged by our field engineer and relatively undisturbed samples were obtained for laboratory testing and inspection. A detailed description of the exploration procedures and the logs of test boring are presented in the Appendix.

Laboratory tests were performed to evaluate static soil properties. A description of the test procedures and the test results are also presented in the Appendix.

SITE CONDITIONS

The subject property is located at the southwest corner of O'Farrell Street and Harbor Boulevard, in the San Pedro area of the City of Los Angeles, California. The site is bordered by a commercial building on the south, and by Beacon Street on the west.

The site consists of a relatively level, rectangle-shaped lot that measured approximately 161 feet wide by 150 feet deep in plan dimensions. At the time of this investigation, the lot was vacant except some concrete slab ruins. Surface vegetation at the site consists of sparse growth of wild grasses and plants.

SUBSURFACE CONDITIONS

Soil Conditions

In general, the natural soils disclosed in the test borings consist of the alternating layers of medium dense to dense, fine to coarse, silty and slightly silty sand, moderately still to stiff, very fine sandy, silty clay, and moderately firm to firm, very fine to fine sandy, slightly clayey silt. Please refer to the logs of the test borings in the appendix for detail description of the soil encountered in the test borings.

Fill approximately 9 to 10 feet was encountered at the site. It consists of medium dense, very fine to fine, silty and clean sand mixed with silty clay.

Groundwater

Groundwater was encountered at the depths around 19 to 20 feet in the test borings. Water level readings have been made in the drill hole at times and under conditions stated on the boring logs. This data has been reviewed and interpretation made in the text of this report. However, it must be noted that fluctuations in the level of the groundwater may occur due to

variations in rainfall, temperature, and other factors not evident at the time measurements were made and reported herein.

According to the report published by the State of California, Department of Conservation, Division of Mines and Geology, Open-File Report 98-24, Seismic Hazard Evaluation of the San Pedro Quad (Plate 1.2, OFR 98-24), the historically highest groundwater table in the vicinity of the site is around 10 feet below the ground surface. A copy of the historically highest groundwater contours map is shown on Plate 4.

EARTHQUAKE HAZARDS

Seismicity

The subject property lies within the seismically active southern California region. As with all sites in southern California, the properties will probably experience ground shaking from both near and distant earthquake sources during the life of the proposed structure. The type and magnitude of seismic hazard affecting at the site are dependent on the distance of causative faults and the intensity and magnitude of the seismic event.

Surface Rupture

The site is not located within a currently designated Alquist-Priolo Earthquake Fault Zone. No faults, active or potentially active, are known to exist within the site. The probability of surface rupture at the site is, therefore, considered very low.

Ground Shaking

Based on "Maps of Known Active Fault Near-Source Zones in California and Adjacent Portions of Nevada" by California Department of Conservation, the site is located within 2 km of the Palos Verdes Fault Zone. It is our opinion that the intensity of future ground shaking at the site is not expected to be greater than any other sites in the immediate vicinity. The proposed

structure shall be designed in accordance with the minimum Earthquake Regulations of the California Building Code and recommendations shown on the other sections of this report.

Soil Liquefaction Evaluation

The site is located in the area as delineated by the State Geologist to have potential of soil liquefaction during strong earthquakes.

Earthquake-induced liquefaction is a phenomenon in which loose to medium dense saturated cohesionless soils undergo extreme losses in shear strength due to earthquake shaking. The liquefaction potential is directly related to the groundwater conditions at the site, as well as to the characteristics of the underlying soil deposits. Loose to medium dense sands below groundwater level are generally considered to be susceptible to liquefaction under strong ground shaking conditions.

Past data show that uniformly graded cohesionless soils are most susceptible to liquefaction and this type of soil is most easily characterized by the grain size distribution or fines content. Thus fines content analysis was performed on representative samples taken from the test boring. The tests are performed in accordance with the ASTM D-1140 laboratory test procedures.

Per the State of California Seismic Hazard Zone Map, San Pedro Quadrangle (Plate 1.2, OFR 98-24), the historically highest groundwater table in the vicinity of the site is at approximately 10 feet below ground surface. Calculations of liquefaction potential were performed for the soils below historically highest groundwater table in accordance with the method outlined by the State of California Division of Mines and Geology "Special Publication 117A" dated 2008 and "Recommended Procedure for Implementation of DMG Special Publication 117" dated March 1999, using both historically highest groundwater table of 10 feet and the current groundwater conditions.

The seismic design parameters used in the liquefaction analysis depend largely upon the source of information available at the time the analysis is performed and not all information sources available agree on all items due to the "state of the art" at the present time.

According to City of Los Angeles Building Code requirements, two scenarios are analyzed:

1) The analyses are performed by using the earthquake magnitude of 6.78 (10% probability of exceedance in 50 years), and the peak ground acceleration of 0.469g (two-thirds of PGA_M). A summary of calculations is presented on Table One (Boring No. 1), and Table Three (Boring No. 3).

2) The analyses are performed by using the earthquake magnitude of 7.11 (2% probability of exceedance in 50 years), and the peak ground acceleration of 0.703 (equals to PGA_M). A summary of calculations is presented on Table Two (Boring No. 1), and Table Four (Boring No. 3).

The results of soil liquefaction calculations indicate that the sand layers between 9 and 15 feet, as well as 20 and 39 feet in Test Boring No. 1, and sand layers between 9 and 14 feet, as well as 25 and 44 feet in Test Boring No. 3 are liquefiable.

Liquefaction-induced Settlement

Liquefaction-induced settlement was computed for the liquefiable soil layers in accordance with a simplified method proposed by Kohji Tokimatsu and Seed, H.B. 1987, "Evaluation of Settlements in Sands due to Earthquake Shaking", Journal of the Geotechnical Engineering Division, ASCE, Vol. 113, No. 8., August. The results of the analysis are presented on Tables One through Four. Volumetric strain chart is presented on Plates 5 and 6. The result of the analysis indicates that the liquefaction-induced settlement will be on the order of 4.64 inches in Test Boring No.1, and 4.79 inches in Test Boring No. 3.

CONCLUSIONS AND RECOMMENDATIONS

General

Based on an evaluation of the site conditions and findings of this investigation, it is concluded that the subject property is suitable for the proposed development from a geotechnical engineering viewpoint provided the following conclusions and recommendations are incorporated into design criteria and project specifications and are implemented during construction.

The results of soil liquefaction analyses indicate that the total liquefaction-induced settlement at the site will be 4.64 to 4.79 inches during strong ground shaking of the design earthquakes at the assumed historical highest groundwater level conditions.

In order to alleviate potential settlement due to soil liquefaction, it is recommended that the proposed structure be supported by pile foundation embedded into non-liquefiable dense sand layers with grade beams and structural slab. The non-liquefiable dense sand layers are encountered in the test borings at depths of 45 to 50 feet.

It should be noted that implementation of the following recommendations in the design and construction of the proposed structure is not meant to completely prevent damage to the structures during the occurrence of strong earthquake at the site. It is intended that the project be designed in such a way that the amount of damage incurred as a result of liquefaction is minimized.

The subject site is located in the State specific earthquake-induced liquefaction zone. Onsite infiltrating-type SUSMP system may increase the possibility of the soil liquefaction hazard. Therefore, in the case that the LID/SUSMP is required by the controlling agencies, a non-infiltrating type system should be utilized.

Due to the condition of sandy material with groundwater, it is anticipated that caving may encountered during the proposed pile construction. It is recommended that the contractor specialized in this condition be consulted.

Site Preparation

General

Precautions should be taken during the performance of all work under the following sections, especially if construction is performed during the rainy season of approximately October 1 to April 15. Protection should be provided to the work site, particularly excavated areas, from flooding, ponding, and inundation due to poor or improper temporary surface drainage.

During periods of impending inclement weather, temporary provisions should be made to adequately direct surface drainage, from all sources, away from and off the work site and to provide adequate pumps and sumps to handle any flow into the excavations.

Site Clearing

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

Debris generated during clearing, grubbing and/or demolition operations should be wasted from areas to be graded and disposed of off-site. During site grading, laborers should clear any roots, tree branches, and other deleterious materials missed during clearing and grubbing operations from all areas to receive fill.

The depths of excavation should be reviewed by the Soils Engineer during actual construction. Any surface or subsurface obstructions, or questionable material, encountered during grading should be brought immediately to the attention of the Soils Engineer for proper exposure, removal or processing as directed. No underground obstructions or facilities should remain in any structural areas.

Existing Structures

Demolition and/or removal of the existing structures are to include removal of the supporting foundation system. Existing paving and concrete slabs should be removed from the site.

Utilities

Any underground utilities which are not to be reconnected should be cut off a minimum of 4 feet beyond the edge of building perimeters and entirely removed from within the area of future construction.

The ends of cut-off lines should be plugged a minimum of 5 feet with concrete exhibiting minimum shrinkage characteristics to prevent water migration to or from hollow lines. In addition, capping of lines may be required should the plug be subject to any line pressures.

Existing On-Site Sewage System

The location of the existing on-site sewage system (septic tank, seepage pits/cesspools), if any, should be determined.

Excavate and remove completely any underground tanks within areas of proposed construction. Contaminated soils resulting from leakage and tank removal will not be suitable for use as structural backfill and should be disposed of off site.

Trees and Surface Vegetation

Removal of designated trees and shrubs in areas of proposed construction should include rootballs. Resultant cavities should be cleansed of loose soils and roots and rolled to a firm unyielding surface prior to backfilling.

Grass and weed growth in areas of future construction should be stripped and disposed of off site. Stripping should penetrate three to six inches into surface soils. Any soils sufficiently contaminated with organic matter (such as root systems or stripping mixed into the soils) so as to prevent proper compaction shall be disposed of off site or set aside for future use in landscape areas.

Subgrade Preparation

The existing surface soils within the proposed non-building pavement areas, if any, should be removed to a depth of 24 inches below the proposed finish subgrade and recompacted. The exposed bottom surface in each removal area should first be scarified to a depth of at least 8 inches, processed, watered or air dried as necessary to achieve near optimum moisture conditions, and then compacted in-place to 90 percent of the maximum laboratory dry density. Locally, some areas exposing loose or soft soils may require deeper removal than indicated above. Actual depth of removal is to be determined in the field at the time of grading.

Fill Placement

All new fill shall be brought to achieve near optimum moisture conditions, placed in layers not exceeding 8 inches thick, and compacted to at least 90 percent of the maximum laboratory dry density.

Compaction characteristics of all fill soils shall be determined by ASTM D-1557-09 standard. The field density and degree of compaction shall be determined by ASTM D-1556, or by other ASTM standard methods that are acceptable to the governing public agency.

Seismic Design Parameters

Based on the results of this preliminary soil investigation and in accordance with City of Los Angeles Building Code, the following seismic data are applicable to the subject site.

Longitude	-118.28005
Latitude	33.74576
S_s	1.695
S_1	0.658
Site Class	E
F_a	0.9
F_v	2.4
S_{MS}	1.526
S_{M1}	1.579
S_{DS}	1.017
S_{D1}	1.053

Foundation Recommendations

Friction Piles

Piles may be designed for a skin friction value of 400 pounds per square foot for that portion of pile in contact with dense non-liquefiable sand layers. Piles shall be a minimum of 24 inches in diameter and shall be spaced at a minimum of three (3) times pile diameter to develop the allowable design values for single piles. In determining allowable bearing capacity, the upper liquefiable soil layers should be assumed not to have any frictional support. Uplift frictional resistance may be assumed as one-half of the downward resistance. All piles shall be properly reinforced and structurally tied into grade beams in both directions.

The bearing capacity should be reduced for group action by the efficiency factor. The efficiency factor of the group piles, E, can be obtained by the following formula:

$$E = 1 - \frac{\theta(n-1)m + (m-1)n}{90\,mn}$$

where m = number of columns of piles in a group,
n = number of rows,
$\theta = \tan^{-1}(d/s)$ in degrees,
d = diameter of pile,
s = spacing of piles center to center.

The capacities presented are based on the strength of the earth materials. The compressive and tensile strength of the pile sections should be checked by the project structural engineer to verify the structural capacity of the piles.

Pile should be penetrated to a depth of at least 10 feet into dense non-liquefiable sand layers but not less than the depth requirements to meet structural considerations defined by the project structural engineer. Piles may be assumed fixed at five feet into dense non-liquefiable sand layers.

Recommended downward and uplift capacities are for dead plus live loads and may be increased by 50 percent for combined dead, live and seismic forces.

When pile group is used, pile should be drilled and poured in alternate unless approved by the soils engineer or concrete depute inspector. No piles within the same group shall be drilled and poured on the same day until concrete in the previous pile is set.

The weight of the concrete in the pile may be neglected in considering the allowable pile load, provided the bottoms of pile are cleared of loose or disturbed soil before pouring concrete. Should this prove impractical, the pile should be lengthened sufficiently to carry the weight of the pile. Drilled holes should be filled with concrete as soon as possible after excavation.

Care should be taken in setting reinforcing cages and all concrete should poured through a tremi since the walls of the pile excavations will tend to slough or cave if disturbed by contact. The tremi pipe shall be placed at the bottom of the pile hole and shall be well embedded in the concrete at all time. Extreme care should be taken to provide the full design base dimensions and to be sure all loose or disturbed soil and slough material is cleaned out of the excavation before pouring concrete.

Pile Settlement

It is estimated that the settlement of single piles or pile groups of 4 piles or less will not exceed one inch. Settlement of pile groups of 6 piles or more should be evaluated when the foundation plan becomes available.

Footing Inspections

All foundation excavations should be inspected and approved by the Soils Engineer prior to placement of forms, reinforcement or concrete. The excavations should be trimmed neat, level and square. All loose, sloughed and moisture softened materials should be removed prior to the placement of concrete.

Footings should be located below a line measured upward at a 45-degree angle from the bottom of the adjacent footings or utility trench, unless review and approved by the Soils Engineer.

Materials from footings excavations should not be spread in slab-on-grade areas unless they are compacted and tested.

Lateral Design

An allowable lateral bearing value against the sides of pile shafts of 400 pounds per square foot per foot of depth, to a maximum of 4000 pounds per square foot, may be used provided there is positive contact between the vertical bearing surface and dense non-liquefiable sand layers. For isolated piles, the recommended lateral bearing values may be increased by 100 percent.

Retaining Wall

Wall Footings

Retaining wall supported by piles may be designed for the same allowable bearing value as given in the previous sections for building foundations.

Lateral Earth Pressures

Retaining walls should be designed to resist the lateral earth pressure exerted by the retained soils plus any additional lateral forces that will be applied to the walls due to surface loads placed at or near the wall or from footings behind the walls. It is recommended that retaining walls that are free to rotate be designed for an assumed earth pressure equivalent to that exerted by a fluid weighing of 45 pounds per cubic foot.

Walls that are restrained against movement or rotation at the top should be designed for the at-rest equivalent fluid pressure. An at-rest equivalent fluid pressure of 65 pounds per cubic foot can be used for retaining walls with level backfill.

The lateral earth pressures assume that a permanent drainage system will be installed so that hydrostatic water pressure will not be developed against the walls. If a drainage system is not provided, the walls should be designed to resist an external hydrostatic pressure due to water in addition to the lateral earth pressure.

Seismic Retaining Wall Lateral Pressure Analyses

Per building code requirement, the PGA_M at the site surface is 0.703g. For seismic retaining wall lateral pressure analyses, the PGA corresponding to one-half of two-thirds of the PGA_M, 0.234g, is adopted.

Seismic (FS=1.0) retaining wall lateral pressure analyses were performed by using the onsite soil shear strength shown on Plate A-8. The calculations are shown on Plate 7.

Based on the calculation, the retaining wall can resist the design seismic lateral force with factor-of-safety equal to 1.0, provided the retaining wall is designed for the equivalent fluid pressure as recommended.

Wall Drainage

All retaining walls should be waterproofed and/or damp-proofed, depending on the desired moisture protection. The walls should be provided with perforated pipe and gravel subdrain to prevent entrapment of water in the backfill.

Any water that may accumulate in the drainage material should be collected and discharged by a 4-inch diameter, perforated PVC Schedule 40 or ABS SDR-35 pipe placed near the bottom of the drainage material but at least one foot below the interior floor. The pipe should be embedded in at least one-cubic foot of drainage material per linear foot of wall length. The pipe perforations should be placed with the holes down, and should not be greater than 1/4 inch in diameter. The subdrain should outlet at appropriate discharge locations that will ensure all discharge will not scour or erode the surrounding soil, and the pipe will not become damaged or clogged. The outlet pipe should be a solid pipe that meets minimum specification set forth above for the subdrain pipe.

As the proposed basement floor is below the street level, subdrain behind the basement walls should be directed to a sump pump so that water collected in the subdrain system and drained to the sump pump will be pumped to the street.

The drainage material that will be used to backfill the wall should consist of 3/4 to 1-1/2 inch clean durable, coarse aggregate. The drainage material should be separated from all adjacent soil by Mirafi 140NL, or approved equivalent. The fabric should be handled in accordance with the respective manufacturers requirements, and should be constructed such that all fabric overlaps are a minimum of 12 inches.

Waterproofing

Rooms located below grade have a history of moisture intrusion, seepage, and leakage. Conventional waterproofing materials, such as asphalt emulsion, have often proved ineffective. Certain precautions can be taken to reduce the possibility of future seepage problems.

It is possible that retaining walls will form portions of the building interiors at the basement level. Where this occurs, very special consideration should be given to waterproofing of the walls to prevent damage to the interior of the house. Unless dampness is acceptable on exterior wall faces, waterproofing should also be incorporated into exterior retaining wall design. Although the project architect is the party who should provide actual waterproofing details, it is suggested the waterproofing consist of a multi-layered system such as an initial generously applied layer of hot-mopped asphalt over which a layer of construction felt could be applied, then thoroughly mopped again with hot asphalt. In the case of all retaining walls, it is suggested that a layer of 10-mil Visqueen be placed as a finish layer. The multi-layered system should be covered with protective foam-board, or similar, to prevent damage during the backfilling operation.

Even though groundwater is not expected to be a significant problem at this site, extreme care should be exercised in sealing walls against water and water vapor migration. Where retaining walls are planned against interior space, continuity should be provided between the aforementioned wall moisture proofing on the back of the retaining wall and the moisture barrier

typically placed under slab areas. This waterproofing is necessary to prevent the foundation concrete acting as a wick through which moisture migrates to the interior space despite wall moisture proofing.

Wall Backfill

Prior to backfilling, the excavation between retaining walls and the temporary cut bank should be cleared of all loose materials, debris, and construction materials, etc.

Proper compaction of the backfill will be necessary to reduce settlement of the backfill. Some settlement of the backfill should be anticipated and any utilities and sidewalks supported therein should be designed to accept differential settlement, particularly at the points of entry to the structure.

All wall backfill should be placed in horizontal lifts not more than 4 inches in thickness, watered as necessary to achieve near optimum moisture conditions, and mechanically compacted to at least 90 percent of the ASTM D-1557-09 standard. Flooding or jetting of backfill materials should be avoided. Probing and testing should be performed by the project soils engineer to verify proper compaction.

Where space limitations do not allow for conventional backfill compaction operations, the space between the excavation and wall may be backfilled with concrete as primary structural fill. A layer of plastic sheet shall be placed on top of the gravel drain system prior to placing of concrete to prevent the subdrain system is clogged by concrete.

Contractors should be informed that the use of heavy compaction equipment within close proximity to retaining walls could cause excessive wall movement and/or earth pressure in excess of design values.

Excavation

Excavation should be in accordance with all applicable requirements of the State of California Construction and General Industry Safety Order, the Occupational Safety and Health Act of 1970, the Construction Safety Act, and all other public agencies have jurisdiction. Construction specifications should clearly establish the responsibilities of the contractor for construction safety in accordance with CAL/OSHA requirements.

Temporary excavations about 15 feet in depth may be required to construct the proposed subterranean garage. Due to the close proximity of the proposed subterranean basement retaining wall to the property line, it is anticipated that shoring with lagging will be required for the proposed temporary excavation.

Your attention is directed to the fact that the onsite surface soils are fill, relatively dry and cohesionless. It is likely that a trench or excavation in these materials would subject to caving.

It is anticipated that shoring will be incorporated into the permanent retaining wall design. Shoring piles may be designed for the same allowable bearing value as given in the previous sections for building pile foundations.

Shoring shall be implemented in accordance with good construction practice and all applicable safety ordinances and codes. Shoring may be braced or cantilevered. Cantilevered shoring should be used where deflections of the excavations are not critical.

The contractor should be responsible for the structural design and safety of the temporary braced shoring system. For design of cantilevered shoring, it is recommended that an equivalent fluid pressure of 36 pounds per cubic foot be utilized in design. A trapezoidal distribution of lateral earth pressure would be appropriate where shoring is to be restrained by bracing. The lateral earth pressure to be used for design of braced shoring is 29H where H is the depth of excavation in feet.

In addition to the above lateral earth pressure, the shoring shall also be designed to additionally support the surcharge loading of adjacent structures. The geotechnical engineer should review the proposed shoring system.

Monitoring of the movements of the shoring system and of the ground surface behind the shoring is recommended in areas where adjacent structures and/or utilities may be affected by the excavation. The monitoring may consist of survey points and/or inclinometers behind the shoring. This monitoring should be started before the actual excavation has begun and should continue until the excavation has been substantially backfilled.

It is recommended that a licensed surveyor be retained to establish monuments on the shoring, the surrounding ground, and within the adjacent street prior to excavation. Such monuments should be monitored for horizontal and vertical movement during construction. Results of the monitoring program should be provided immediately to the project Structural (shoring) engineer and soils engineer for review and evaluation. It is also recommended that structural survey be performed on adjacent building prior to excavation for record purpose.

It is difficult to accurately predict the amount of deflection of a shored embankment. It should be realized that some deflection would occur. The maximum allowable defection at the top of the shored embankment is 0.5 inches. If greater deflection occurs during construction, additional bracing may be necessary to minimize settlement of adjacent buildings and utilities in adjacent streets and alleys. If it is desired to reduce the deflection, a greater active pressure could be used in the shoring design. Where internal bracing is used, the rakers should be tightly wedged to minimize deflection. The proper installation of the raker braces and the wedging will be critical to the performance of the shoring.

For purposes of this report the term of "temporary" shall refer to those excavations that remain unsupported for a period of time not to exceed 30 days.

Excavated surfaces should be kept moist but not saturated to retard raveling and sloughing during construction. Water should not be allowed to pond on the top of the excavation nor flow towards it.

Shoring installation shall be continuously observed and approved by the Soils engineer. Careful examination of the soils by the Soils Engineer during cutting of the banks is mandatory to verify the conditions or to make such recommendations as are pertinent if different conditions are encountered.

No excavation shall be made during unfavorable weather. It is recommended that the excavated banks be entirely covered with plastic sheets when threatened by rains. When the excavation is interrupted by rain, operations shall not be resumed until the Soils Engineer indicates that conditions will permit satisfactory results.

Post Grading Considerations

Site Drainage

The provision and maintenance of adequate site drainage and moisture protection of supporting soil is an important design consideration. Foundation recommendations presented herein assume proper site drainage will be established and maintained.

To enhance future site performance, positive drainage devices such as sloping sidewalks, graded swales, and/or area drains should be provided around the building to collect and direct all water away from the structure. Neither rain nor excess irrigation water should be allowed to collect or pond on the property unless approved by the soil engineer. Where slabs or pavement are not feasible adjacent to the buildings, the ground surface should be provided with a minimum gradient away from the structures per City of Los Angeles Building Code. All drainage should ultimately be directed to street or other designated area.

Water should be transported off the site in approved drainage devices or unobstructed swales. Drainage swales should have a minimum gradient per City of Los Angeles Building Code. Where necessary, drainage paths could be shortened by use of area drains and collector pipes.

Planters adjacent to buildings should be avoided insofar as possible. Planting areas at grade should be provided with good positive drainage. Wherever possible, exposed soil areas should be above adjacent paved grades. Planters should not be depressed below adjacent paved grades unless provisions for drainage, such as catch basins and pipe drains are made.

Adequate drainage gradient, devices and curbing should be provided to prevent runoff from adjacent pavement or walks into planting areas. Consideration should be given to irrigation methods that will promote uniformity of moisture in planters and beneath adjacent concrete "flat-work". Over-watering and under-watering of landscape areas must be avoided.

All roof and wall surface drainage should be collected and conducted by a non-erosive device to the streets or to a designated area.

Trench Backfill

It is our opinion that utility trench and/or structural backfill consisting of the on-site material types could be best placed by mechanical compaction to a minimum of 90 percent of the laboratory maximum dry density. Density testing, along with probing, should be performed by the project soils engineer, or his representative, to verify proper compaction.

If utility contractors indicate that it is undesirable to use compaction equipment in close proximity to a buried conduit, we would recommend the utilization of lightweight mechanical equipment and/or bedding of conduit with clean granular material prior to initiating mechanical compaction procedures. Other methods of utility trench compaction may also be appropriate as approved by the project geotechnical consultant at the time of construction.

Where utility trenches are proposed parallel to building footings (interior and/or exterior trenches), the bottom of the trench should not extend below a 1 horizontal to 1 vertical plane project downward from the outside bottom edge of the adjacent footing. Where this condition occurs, the adjacent footing should be deepened.

Plan Review

In order to prevent misinterpretation of this report by other consultants it is recommended that the Soils Engineer be provided the opportunity to review the final grading and foundation plans. The Soils Engineer will also determine whether any change in concept may have had any effect on the validity of the Soils Engineer's recommendations, and whether those recommendations have, in fact, been implemented in the design and specifications.

If the Soils Engineer is not accorded the privilege of making this recommended review, he can assume no responsibility for misinterpretation or misapplication of his recommendations or for their validity in the event changes have been made in the original design concept without this prior review.

Geotechnical Inspection

All rough grading of the property must be performed under engineering supervision of the geotechnical consultants. Rough grading includes, but is not limited to, site preparation, cleaning, over-excavation, and fill placement.

The geotechnical consultant should inspect all foundation excavations. Inspections should be made prior to installation of concrete forms and reinforcing steel to verify or modify, if necessary, conclusions and recommendations in this report.

Inspections of the finish grading, utility or other trench backfill, retaining wall backfill, or other earthwork completed for the subject project should also be performed by the geotechnical consultant.

If any of these inspections to verify site geotechnical conditions are not performed by the geotechnical consultant, liability for the safety and stability of the project is limited only to the actual portions of the project approved by the geotechnical consultant.

It should be understood that the contractor shall supervise and direct the work and he shall be responsible for all construction means, methods, techniques, sequences and procedures. The contractor will be solely and completely responsible for conditions at the job site, including safety of all persons and property during the performance of the work. Periodic or continuous inspection by GSS Engineering, Inc. is not intended to include verification of dimensions or review of the adequacy of the contractor's safety measures in, on or near the construction site.

GRADING SPECIFICATIONS

The following guidelines may be used in preparation of the grading plan and job specifications.

1) All site grading operations should conform to the local building and safety codes and to the rules and regulations of those governmental agencies having jurisdiction over the subject construction.

2) The grading contractor is responsible to notify governmental agencies, as required, and the Soils Engineer prior to initiating grading operations and any time grading is resumed after an interruption.

3) A diligent search for septic tanks, cesspools or underground lines should be performed during grading operations. Any abandoned water or oil wells encountered should be properly capped and treated in accordance with best accepted practices.

4) Please refer to 'Subgrade Preparation' section of this report for detail removal and recompaction specifications.

5) Where import materials are required for use on site, the Soils Engineer should be notified at least 48 hours in advance of importing in order to sample and test materials from proposed borrow sites. No import materials should be delivered for use on site without prior sampling and testing by the Soils Engineer.

6) The on-site soils are suitable for use in compacted fills provided all trash, vegetation and other deleterious materials are removed prior to placement.

7) All new fill shall consist of approved clean on-site or similar earth material, free of trash or debris, roots, vegetation or other deleterious material and shall be placed in thin horizontal lifts not exceeding 8 inches in loose thickness prior to compaction. Each lift should be watered or dried as needed, thoroughly blended to achieve near optimum moisture conditions then thoroughly compacted by mechanical methods.

8) No rock over 3 inches in greatest dimension shall be used in fill unless otherwise approved by the Soils Engineer.

9) No jetting or water tamping of fill soils shall be permitted.

10) No fill materials should be placed, spread or rolled during unfavorable weather conditions. When work is interrupted by heavy rains, fill operations should not be resumed until the field tests by the Soils Engineer indicate that the moisture content and density of the fill are as previously specified.

11) Unless otherwise specified, all other fills and backfills should be compacted to at least 90 percent of maximum laboratory dry density.

12) The compaction characteristics of all fill soils shall be determined by ASTM D-1557-09 standard. The field density and degree of compaction shall be determined by ASTM D-1556, or by other ASTM standard methods that are acceptable to the governing public agency.

13) Observation and testing of all compaction shall be under the direction of the Soils Engineer. The Soils Engineer shall advise the owner and grading contractor immediately if any unsatisfactory soils related conditions exist and shall have the authority to reject the compacted fill ground until such time as corrective measures necessary are taken to comply with the specifications.

14) The Soils Engineer should be notified at least 2 days in advance of the start of grading. A joint meeting between a representative of the client, the contractor, and the Soils Engineer is recommended prior to grading to discuss specific procedures and scheduling.

INVESTIGATION LIMITATIONS

The conclusions and recommendations contained in this report are based on the data obtained from the test borings at the dates and locations indicated in the logs and the site plan. It is assumed that the soil conditions at the other areas do not deviate significantly from those disclosed in the test borings. If any variations, or undesirable conditions are encountered during construction, or if the proposed construction will differ from that planned at the present time, this office should be notified so as to consider the need for modifications.

No responsibility for construction compliance with the design concepts, specifications, or recommendations is assumed unless an on-site review by a representative of this office is performed during the course of construction that pertains to the specific areas covered by the recommendations contained herein.

The findings of this report are valid as of the present date. However, changes in the conditions of the property can occur with the passage of time, whether they are due to natural processes or to the works of man, on this or adjacent properties. In addition, changes in applicable or appropriate standards may occur, whether they result from legislation or the broadening of knowledge. Accordingly, the findings of this report may be invalidated, wholly or partially, by

changes outside of our control. Therefore, this report is subject to review and should not be relied upon after a period of one year without such a review.

This report has been compiled for the exclusive use of Harbor View Residence, LLC, or its authorized agent. It shall not be transferred to any other party or to any other project without the consent and/or thorough review of this office.

This report is issued with the understanding that it is the responsibility of the owner, or the proper representative thereof, to insure that the information and recommendations contained herein are called to the attention of all parties interested in the project and that the necessary steps are taken to see that the contractors and subcontractors carry out such recommendations in the field.

Final approval of plans and reports by all consultants, and issuance of any building and grading permits, rests with the controlling agencies. As the circumstances, which control the decision process, are clearly beyond the control of this facility, we cannot assume any responsibility for the success of obtaining proper authorizations, nor for the costs involved.

All exploratory borings used for subsurface exploration were backfilled with reasonable effort to restore the areas to their original condition. As with any backfill, some consolidation and subsidence of the backfill soils may result in time, causing some depression of the boring area and possibly a potentially hazardous condition. The client and/or owner of the property are advised to periodically examine the boring areas, and if necessary, backfill any resulting depressions. GSS Engineering, Inc. shall not be liable for any resulting injury or damage.

The report is subject to review by controlling public agencies having jurisdiction.

Respectfully submitted,
GSS ENGINEERING, INC.

REGISTERED PROFESSIONAL ENGINEER
ALLEN LEE
No. 2781
Exp. 06-30-17
GEOTECHNICAL
STATE OF CALIFORNIA

Allen Lee, GE
Principle Engineer

TABLE ONE - SUMMARY OF SOIL LIQUEFACTION AND SETTLEMENT EVALUATION

BORING NO. 1

Design Earthquake Magnitude = 6.78
Maximum Ground Acceleration = 0.469 g
Historic Highest Groundwater = 10.0 feet bgs
Current Groundwater Level = 20.0 feet bgs

Depth (feet) D	Layer (feet)	Thickness (feet) H	Soil Type (USCS)	(Current GW Condition) Wet Density pcf γ	Total Over-burden Pressure psf σ_{vo}	Effective Over-burden Pressure psf σ_{vo}'	(Hitorical GW Condition) Wet Density pcf γ	Total Over-burden Pressure psf σ_{vo}	Effective Over-burden Pressure psf σ_{vo}'	Number of Blow (SPT) N_m	Over-burden Factor Eq (9) C_N	N-Value Correction factor Table (2) *$C_E C_B C_S$	C_R	Normalized N-value Eq (10) $(N_1)_{60}$	Fines Content (<74μ) %	Fines Content Factor Eq (6) α	Adjusted N-value Eq (7) β	Corrected SPT Eq (5) $(N1)_{60CS}$	Depth Reduction Coefficient Eq (2) r_d	Cyclic Resistance Ratio Eq (4) $CRR_{7.5}$	Cyclic Stress Ratio Eq (1) CSR	Magnitude Scaling Factor Eq(2) pg152 MSF	Liquid Limit	Plastic Index	Factor of Safety Eq.24	Volumetric Strain %	Settlement (inch)
11	9-15	6	SM	105.3	1591.2	1591.2	123.3	1699.2	1387.2	9	1.15	1.44	0.95	14.2	36.2	5.0	1.2	22.0	0.97	0.241	0.364	1.289	n/a	n/a	0.85	1.30	0.94
16	15-20	5	CL	123.0	2206.2	2206.2	124.1	2319.7	1695.7	5	0.98	1.44	0.95	6.7	69.3	5.0	1.2	13.0	0.96	0.141	0.401	1.289	39	14	non-liquef	N/A	N/A
21	20-24	4	SM	127.7	2717.0	2467.4	127.7	2830.5	1956.9	9	0.93	1.44	0.95	11.4	36.9	5.0	1.2	18.7	0.95	0.202	0.419	1.289	n/a	n/a	0.62	1.60	0.77
26	24-29	5	SM	127.7	3355.5	2793.9	127.7	3469.0	2283.4	10	0.87	1.44	0.95	11.9	33.1	4.9	1.2	18.9	0.94	0.204	0.435	1.289	n/a	n/a	0.61	1.60	0.96
30	29-34	5	SP	126.6	3988.5	3114.9	126.6	4102.0	2604.4	12	0.82	1.44	1.0	14.2	4.1	0.0	1.0	14.2	0.93	0.154	0.447	1.289	n/a	n/a	0.44	2.00	1.20
35	34-39	5	SP	129.4	4635.5	3449.9	129.4	4749.0	2939.4	20	0.78	1.44	1.0	22.6	3.2	0.0	1.0	22.6	0.89	0.247	0.438	1.289	n/a	n/a	0.73	1.30	0.78
40	39-44	5	SP	129.9	5285.0	3787.4	129.9	5398.5	3276.9	36	0.75	1.44	1.0	38.7	8.1	0.3	1.0	39.6	0.85	N/A	0.426	1.289	n/a	n/a	non-liquef	N/A	N/A
45	44-49	5	SP	131.8	5944.0	4134.4	131.8	6057.5	3623.9	35	0.72	1.44	1.0	36.1	8.7	0.5	1.0	37.1	0.81	N/A	0.412	1.289	n/a	n/a	non-liquef	N/A	N/A
50	49-54	5	SP	122.0	6554.0	4432.4	122.0	6667.5	3921.9	40	0.69	1.44	1.0	39.8	6.5	0.1	1.0	40.1	0.77	N/A	0.398	1.289	n/a	n/a	non-liquef	N/A	N/A
55	54-59	5	SP	130.5	7206.5	4772.9	130.5	7320.0	4262.4	56	0.67	1.44	1.0	53.7	6.7	0.1	1.0	54.2	0.73	N/A	0.380	1.289	n/a	n/a	non-liquef	N/A	N/A
60	59-64	5	SM	127.3	7843.0	5097.4	127.3	7956.5	4586.9	65	0.64	1.44	1.0	60.3	41.3	5.0	1.2	77.4	0.69	N/A	0.363	1.289	n/a	n/a	non-liquef	N/A	N/A
65	64-69	5	SP	132.1	8503.5	5445.9	132.1	8617.0	4935.4	66	0.62	1.44	1.0	59.2	4.8	0.0	1.0	59.2	0.65	N/A	0.343	1.289	n/a	n/a	non-liquef	N/A	N/A
70	69-70	1	SP	128.6	8632.1	5512.1	128.6	8745.6	5001.6	62	0.62	1.44	1.0	55.3	6.7	0.1	1.0	55.8	0.60	N/A	0.322	1.289	n/a	n/a	non-liquef	N/A	N/A
																										Total	4.64

* C_E=1.2 (Automatic Trip Hammer), C_B=1.0, C_S=1.2

"non-liquef" : if $(N1)_{60CS}$ >=30, or 12 < PI < 18, or (PI<12 & MC<0.85*LL)

REFERENCE:

1. "Proceeding of the NCEER Workshop on Evaluation of Liquefaction Resistance of Soils", Technical Report NCEER-97-0022, December 31, 1997
2. "Recommended Procedures for Implementation of DMG Special Publication 117 Guidelines for Analyzing and Mitigating Liquefaction in California" by Southern California Earthquake Center, University of Southern California.
3. Kohji Tokimatsu and Seed, H.B., 1987, "Evaluation of Settlements in Sands Due to Earthquake Shaking", Journal of the Geotechnical Engineering Division,

TABLE TWO - SUMMARY OF SOIL LIQUEFACTION AND SETTLEMENT EVALUATION

BORING NO. 1

Design Earthquake Magnitude = 7.11
Maximum Ground Acceleration = 0.703 g
Historic Highest Groundwater = 10.0 feet bgs
Current Groundwater Level = 20.0 feet bgs

Depth (feet) D	Layer (feet)	Thickness (feet) H	Soil Type (USCS)	(Current GW Condition) Wet Density pcf γ	Total Over-burden Pressure psf σ_{vo}	Effective Over-burden Pressure psf σ_{vo}'	(Hitorical GW Condition) Wet Density pcf γ	Total Over-burden Pressure psf σ_{vo}	Effective Over-burden Pressure psf σ_{vo}'	Number of Blow (SPT) N_m	Over-burden Factor Eq (9) C_N	N-Value Correction factor Table (2) *$C_E C_B C_S$	C_R	Normalized N-value Eq (10) $(N_1)_{60}$	Fines Content (<74μ) %	Fines Content Factor Eq (6) α	Adjusted N-value Eq (7) β	Corrected SPT Eq (5) $(N1)_{60CS}$	Depth Reduction Coefficient Eq (2) r_d	Cyclic Resistance Ratio Eq (4) $CRR_{7.5}$	Cyclic Stress Ratio Eq (1) CSR	Magnitude Scaling Factor Eq(2) pg152 MSF	Liquid Limit	Plastic Index	Factor of Safety Eq.24	Volumetric Strain %	Settlement (inch)
11	9-15	6	SM	105.3	1591.2	1591.2	123.3	1699.2	1387.2	9	1.15	1.44	0.95	14.2	36.2	5.0	1.2	22.0	0.97	0.241	0.545	1.141	n/a	n/a	0.50	1.30	0.94
16	15-20	5	CL	123.0	2206.2	2206.2	124.1	2319.7	1695.7	5	0.98	1.44	0.95	6.7	69.3	5.0	1.2	13.0	0.96	0.141	0.602	1.141	39	14	non-liquef	N/A	N/A
21	20-24	4	SM	127.7	2717.0	2467.4	127.7	2830.5	1956.9	9	0.93	1.44	0.95	11.4	36.9	5.0	1.2	18.7	0.95	0.202	0.629	1.141	n/a	n/a	0.37	1.60	0.77
26	24-29	5	SM	127.7	3355.5	2793.9	127.7	3469.0	2283.4	10	0.87	1.44	0.95	11.9	33.1	4.9	1.2	18.9	0.94	0.204	0.652	1.141	n/a	n/a	0.36	1.60	0.96
30	29-34	5	SP	126.6	3988.5	3114.9	126.6	4102.0	2604.4	12	0.82	1.44	1.0	14.2	4.1	0.0	1.0	14.2	0.93	0.154	0.669	1.141	n/a	n/a	0.26	2.00	1.20
35	34-39	5	SP	129.4	4635.5	3449.9	129.4	4749.0	2939.4	20	0.78	1.44	1.0	22.6	3.2	0.0	1.0	22.6	0.89	0.247	0.656	1.141	n/a	n/a	0.43	1.30	0.78
40	39-44	5	SP	129.9	5285.0	3787.4	129.9	5398.5	3276.9	36	0.75	1.44	1.0	38.7	8.1	0.3	1.0	39.6	0.85	N/A	0.639	1.141	n/a	n/a	non-liquef	N/A	N/A
45	44-49	5	SP	131.8	5944.0	4134.4	131.8	6057.5	3623.9	35	0.72	1.44	1.0	36.1	8.7	0.5	1.0	37.1	0.81	N/A	0.617	1.141	n/a	n/a	non-liquef	N/A	N/A
50	49-54	5	SP	122.0	6554.0	4432.4	122.0	6667.5	3921.9	40	0.69	1.44	1.0	39.8	6.5	0.1	1.0	40.1	0.77	N/A	0.596	1.141	n/a	n/a	non-liquef	N/A	N/A
55	54-59	5	SP	130.5	7206.5	4772.9	130.5	7320.0	4262.4	56	0.67	1.44	1.0	53.7	6.7	0.1	1.0	54.2	0.73	N/A	0.570	1.141	n/a	n/a	non-liquef	N/A	N/A
60	59-64	5	SM	127.3	7843.0	5097.4	127.3	7956.5	4586.9	65	0.64	1.44	1.0	60.3	41.3	5.0	1.2	77.4	0.69	N/A	0.544	1.141	n/a	n/a	non-liquef	N/A	N/A
65	64-69	5	SP	132.1	8503.5	5445.9	132.1	8617.0	4935.4	66	0.62	1.44	1.0	59.2	4.8	0.0	1.0	59.2	0.65	N/A	0.515	1.141	n/a	n/a	non-liquef	N/A	N/A
70	69-70	1	SP	128.6	8632.1	5512.1	128.6	8745.6	5001.6	62	0.62	1.44	1.0	55.3	6.7	0.1	1.0	55.8	0.60	N/A	0.483	1.141	n/a	n/a	non-liquef	N/A	N/A
																										Total	4.64

* C_E=1.2 (Automatic Trip Hammer), C_B=1.0, C_S=1.2

"non-liquef" : if $(N1)_{60CS}$ >=30, or 12 < PI < 18, or (PI<12 & MC<0.85*LL)

REFERENCE:

1. "Proceeding of the NCEER Workshop on Evaluation of Liquefaction Resistance of Soils", Technical Report NCEER-97-0022, December 31, 1997
2. "Recommended Procedures for Implementation of DMG Special Publication 117 Guidelines for Analyzing and Mitigating Liquefaction in California" by Southern California Earthquake Center, University of Southern California.
3. Kohji Tokimatsu and Seed, H.B., 1987, "Evaluation of Settlements in Sands Due to Earthquake Shaking", Journal of the Geotechnical Engineering Division,

TABLE THREE - SUMMARY OF SOIL LIQUEFACTION AND SETTLEMENT EVALUATION

BORING NO. 3

Design Earthquake Magnitude = 6.78
Maximum Ground Acceleration = 0.469 g
Historic Highest Groundwater = 10.0 feet bgs
Current Groundwater Level = 19.0 feet bgs

Depth (feet) D	Layer (feet)	Thickness (feet) H	Soil Type (USCS)	(Current GW Condition) Wet Density pcf γ	Total Over-burden Pressure psf σ_{vo}	Effective Over-burden Pressure psf σ_{vo}'	(Hitorical GW Condition) Wet Density pcf γ	Total Over-burden Pressure psf σ_{vo}	Effective Over-burden Pressure psf σ_{vo}'	Number of Blow (SPT) N_m	Over-burden Factor Eq (9) C_N	N-Value Correction factor Table (2) *$C_E C_B C_S$	C_R	Normalized N-value Eq (10) $(N_1)_{60}$	Fines Content (<74μ) %	Fines Content Factor Eq (6) α	Adjusted N-value Eq (7) β	Corrected SPT Eq (5) $(N1)_{60CS}$	Depth Reduction Coefficient Eq (2) r_d	Cyclic Resistance Ratio Eq (4) $CRR_{7.5}$	Cyclic Stress Ratio Eq (1) CSR	Magnitude Scaling Factor Eq(2) pg152 MSF	Liquid Limit	Plastic Index	Factor of Safety Eq.24	Volumetric Strain %	Settlement (inch)
11	9-14	5	SM	100.7	1507.9	1507.9	120.7	1607.9	1358.3	6	1.18	1.44	0.95	9.7	14.7	2.4	1.0	12.6	0.97	0.136	0.352	1.289	n/a	n/a	0.50	2.10	1.26
16	14-19	5	CL	118.8	2101.9	2101.9	119.7	2206.4	1644.8	9	1.00	1.44	0.95	12.4	86.6	5.0	1.2	19.8	0.96	0.214	0.394	1.289	40	15	non-liquef	N/A	N/A
21	19-25	6	CL	118.8	2814.7	2440.3	118.8	2919.2	1983.2	5	0.93	1.44	0.95	6.4	96.6	5.0	1.2	12.6	0.95	0.137	0.427	1.289	43	17	non-liquef	N/A	N/A
26	25-29	4	SM	113.5	3268.7	2644.7	113.5	3373.2	2187.6	9	0.89	1.44	0.95	11.0	20.8	3.7	1.1	15.7	0.94	0.170	0.442	1.289	n/a	n/a	0.49	1.80	0.86
31	29-34	5	ML	113.7	3837.2	2901.2	113.7	3941.7	2444.1	11	0.85	1.44	1.0	13.5	59.7	5.0	1.2	21.2	0.92	0.231	0.453	1.289	n/a	n/a	0.66	1.40	0.84
36	34-39	5	SM	132.3	4498.7	3250.7	132.3	4603.2	2793.6	12	0.81	1.44	1.0	13.9	27.3	4.5	1.1	20.3	0.88	0.220	0.443	1.289	n/a	n/a	0.64	1.45	0.87
41	39-44	5	SM	128.9	5143.2	3583.2	128.9	5247.7	3126.1	11	0.77	1.44	1.0	12.2	28.6	4.6	1.1	18.5	0.84	0.200	0.430	1.289	n/a	n/a	0.60	1.60	0.96
46	44-49	5	SM	128.6	5786.2	3914.2	128.6	5890.7	3457.1	23	0.74	1.44	1.0	24.4	22.5	4.0	1.1	30.7	0.80	N/A	0.415	1.289	n/a	n/a	non-liquef	N/A	N/A
50	49-54	5	SP	125.8	6415.2	4231.2	125.8	6519.7	3774.1	32	0.71	1.44	1.0	32.6	3.8	0.0	1.0	32.6	0.77	N/A	0.404	1.289	n/a	n/a	non-liquef	N/A	N/A
55	54-59	5	SP	125.9	7044.7	4548.7	125.9	7149.2	4091.6	31	0.68	1.44	1.0	30.4	4.2	0.0	1.0	30.4	0.73	N/A	0.387	1.289	n/a	n/a	non-liquef	N/A	N/A
60	59-60	1	SP	126.0	7170.7	4612.3	126.0	7275.2	4155.2	40	0.68	1.44	1.0	39.0	3.9	0.0	1.0	39.0	0.69	N/A	0.366	1.289	n/a	n/a	non-liquef	N/A	N/A
																										Total	4.79

* C_E=1.2 (Automatic Trip Hammer), C_B=1.0, C_S=1.2

"non-liquef" : if $(N1)_{60CS}$ >=30, or 12 < PI < 18, or (PI<12 & MC<0.85*LL)

REFERENCE:

1. "Proceeding of the NCEER Workshop on Evaluation of Liquefaction Resistance of Soils", Technical Report NCEER-97-0022, December 31, 1997
2. "Recommended Procedures for Implementation of DMG Special Publication 117 Guidelines for Analyzing and Mitigating Liquefaction in California" by Southern California Earthquake Center, University of Southern California.
3. Kohji Tokimatsu and Seed, H.B., 1987, "Evaluation of Settlements in Sands Due to Earthquake Shaking", Journal of the Geotechnical Engineering Division,

TABLE FOUR - SUMMARY OF SOIL LIQUEFACTION AND SETTLEMENT EVALUATION

BORING NO. 3

Design Earthquake Magnitude	=	7.11	
Maximum Ground Acceleration	=	0.703	g
Historic Highest Groundwater	=	10.0	feet bgs
Current Groundwater Level	=	19.0	feet bgs

Depth (feet)	Layer (feet)	Thickness	Soil Type (USCS)	(Current GW Condition) Wet Density	Total Over-burden Pressure	Effective Over-burden Pressure	(Hitorical GW Condition) Wet Density	Total Over-burden Pressure	Effective Over-burden Pressure	Number of Blow (SPT)	Over-burden Factor	N-Value Correction factor		Normalized N-value	Fines Content (<74μ)	Fines Content Factor	Adjusted N-value	Corrected SPT	Depth Reduction Coefficient	Cyclic Resistance Ratio	Cyclic Stress Ratio	Magnitude Scaling Factor	Liquid Limit	Plastic Index	Factor of Safety	Volumetric Strain	Settlement
		(feet)		pcf	psf	psf	pcf	psf	psf		Eq (9)	Table (2)		Eq (10)	%	Eq (6)	Eq (7)	Eq (5)	Eq (2)	Eq (4)	Eq (1)	Eq(2) pg152			Eq.24	%	(inch)
D		H		γ	σ_{vo}	σ_{vo}'	γ	σ_{vo}	σ_{vo}'	N_m	C_N	*$C_E C_B C_S$	C_R	$(N_1)_{60}$		α	β	$(N1)_{60CS}$	r_d	$CRR_{7.5}$	CSR	MSF					
11	9-14	5	SM	100.7	1507.9	1507.9	120.7	1607.9	1358.3	6	1.18	1.44	0.95	9.7	14.7	2.4	1.0	12.6	0.97	0.136	0.527	1.141	n/a	n/a	0.29	2.10	1.26
16	14-19	5	CL	118.8	2101.9	2101.9	119.7	2206.4	1644.8	9	1.00	1.44	0.95	12.4	86.6	5.0	1.2	19.8	0.96	0.214	0.590	1.141	40	15	non-liquef	N/A	N/A
21	19-25	6	CL	118.8	2814.7	2440.3	118.8	2919.2	1983.2	5	0.93	1.44	0.95	6.4	96.6	5.0	1.2	12.6	0.95	0.137	0.640	1.141	43	17	non-liquef	N/A	N/A
26	25-29	4	SM	113.5	3268.7	2644.7	113.5	3373.2	2187.6	9	0.89	1.44	0.95	11.0	20.8	3.7	1.1	15.7	0.94	0.170	0.662	1.141	n/a	n/a	0.29	1.80	0.86
31	29-34	5	ML	113.7	3837.2	2901.2	113.7	3941.7	2444.1	11	0.85	1.44	1.0	13.5	59.7	5.0	1.2	21.2	0.92	0.231	0.679	1.141	n/a	n/a	0.39	1.40	0.84
36	34-39	5	SM	132.3	4498.7	3250.7	132.3	4603.2	2793.6	12	0.81	1.44	1.0	13.9	27.3	4.5	1.1	20.3	0.88	0.220	0.663	1.141	n/a	n/a	0.38	1.45	0.87
41	39-44	5	SM	128.9	5143.2	3583.2	128.9	5247.7	3126.1	11	0.77	1.44	1.0	12.2	28.6	4.6	1.1	18.5	0.84	0.200	0.645	1.141	n/a	n/a	0.35	1.60	0.96
46	44-49	5	SM	128.6	5786.2	3914.2	128.6	5890.7	3457.1	23	0.74	1.44	1.0	24.4	22.5	4.0	1.1	30.7	0.80	N/A	0.623	1.141	n/a	n/a	non-liquef	N/A	N/A
50	49-54	5	SP	125.8	6415.2	4231.2	125.8	6519.7	3774.1	32	0.71	1.44	1.0	32.6	3.8	0.0	1.0	32.6	0.77	N/A	0.606	1.141	n/a	n/a	non-liquef	N/A	N/A
55	54-59	5	SP	125.9	7044.7	4548.7	125.9	7149.2	4091.6	31	0.68	1.44	1.0	30.4	4.2	0.0	1.0	30.4	0.73	N/A	0.580	1.141	n/a	n/a	non-liquef	N/A	N/A
60	59-60	1	SP	126.0	7170.7	4612.3	126.0	7275.2	4155.2	40	0.68	1.44	1.0	39.0	3.9	0.0	1.0	39.0	0.69	N/A	0.549	1.141	n/a	n/a	non-liquef	N/A	N/A
																										Total	4.79

* C_E=1.2 (Automatic Trip Hammer), C_B=1.0, C_S=1.2

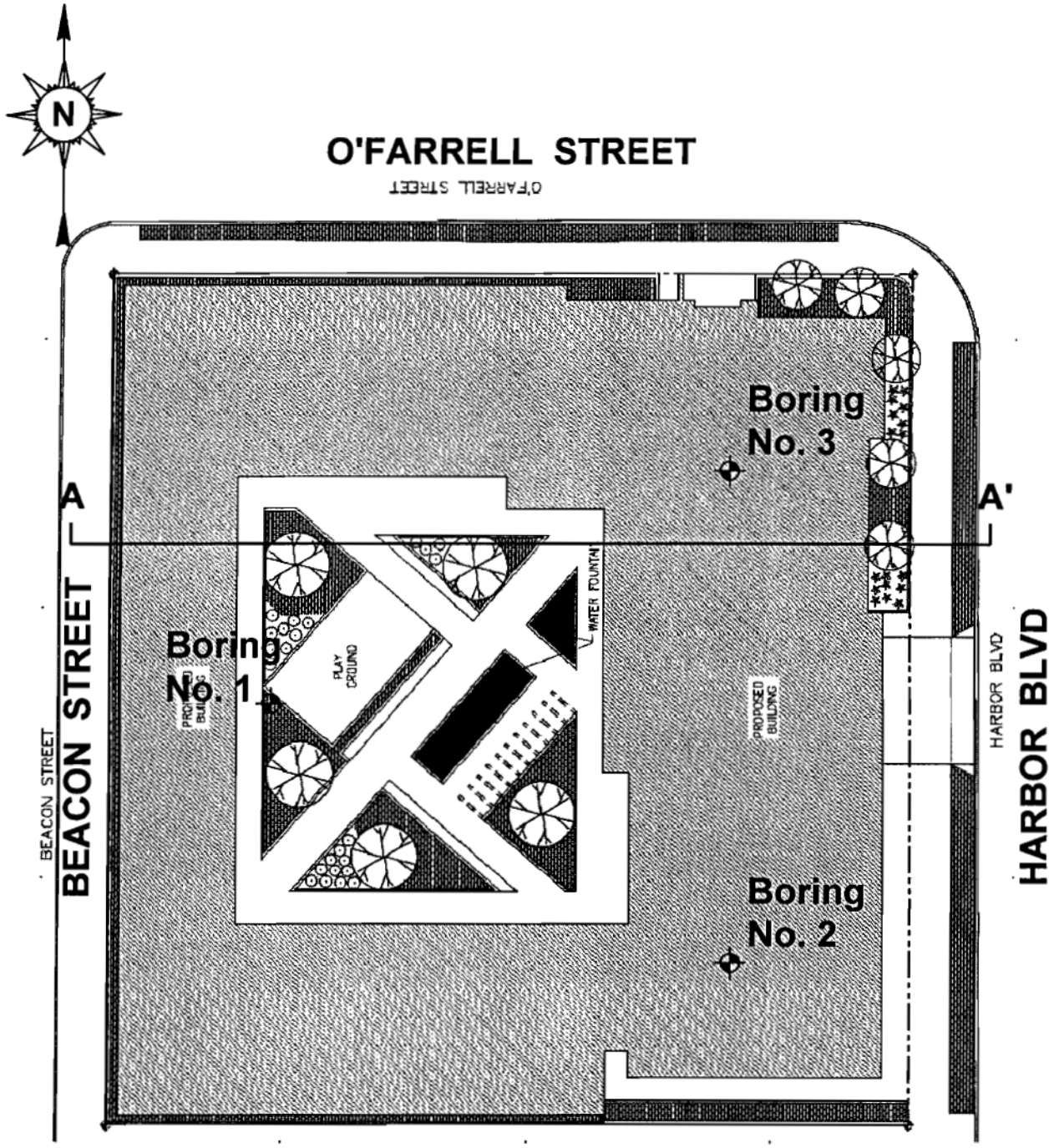
"non-liquef" : if $(N1)_{60CS}$ >=30, or 12 < PI < 18, or (PI<12 & MC<0.85*LL)

REFERENCE:

1. "Proceeding of the NCEER Workshop on Evaluation of Liquefaction Resistance of Soils", Technical Report NCEER-97-0022, December 31, 1997
2. "Recommended Procedures for Implementation of DMG Special Publication 117 Guidelines for Analyzing and Mitigating Liquefaction in California" by Southern California Earthquake Center, University of Southern California.
3. Kohji Tokimatsu and Seed, H.B., 1987, "Evaluation of Settlements in Sands Due to Earthquake Shaking", Journal of the Geotechnical Engineering Division,

VICINITY MAP	Proposed Mixed-Use Building 327 North Harbor Boulevard San Pedro, Los Angeles, California

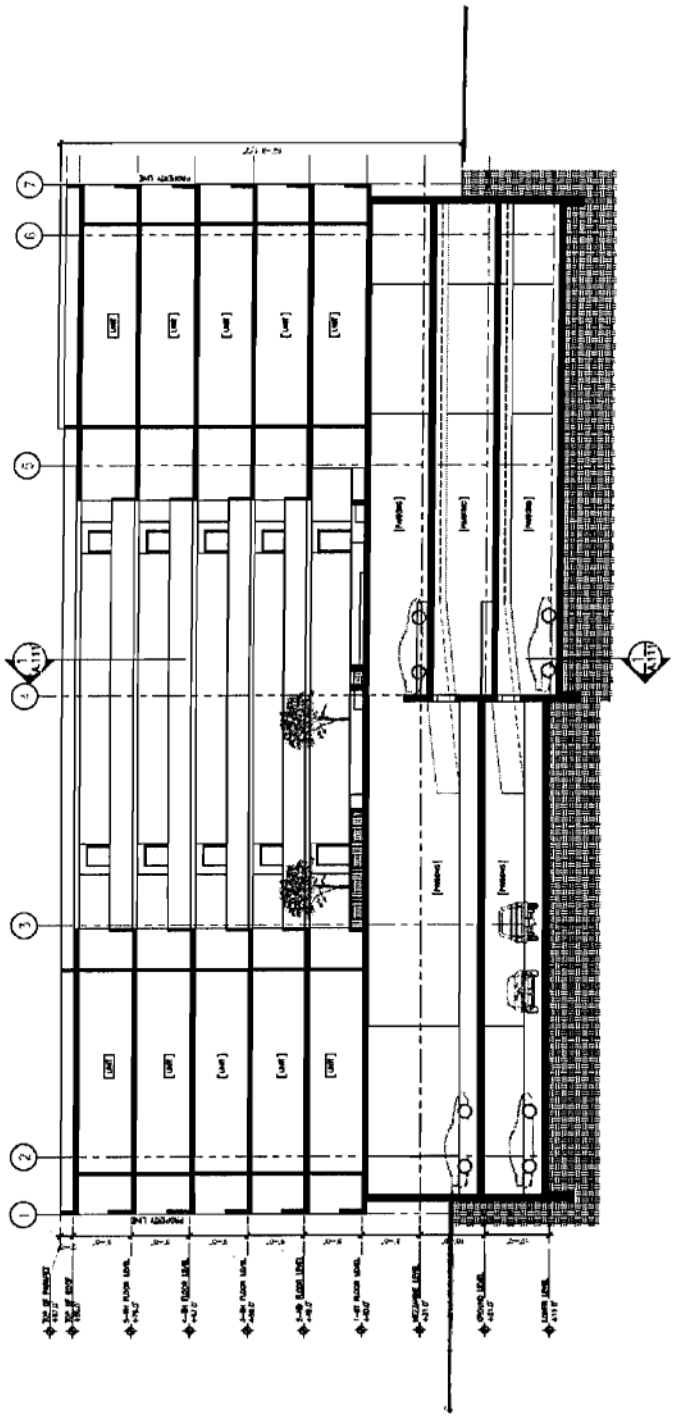
GSS ENGINEERING, INC. *Geotechnical Engineering Consultants*	**PROJECT No.** GSS-2432-1	**PLATE** 1



REFERENCE: "Site Plan", prepared by Ashai Design, dated Dec 27, 2016.

SCALE: 1" = 30'

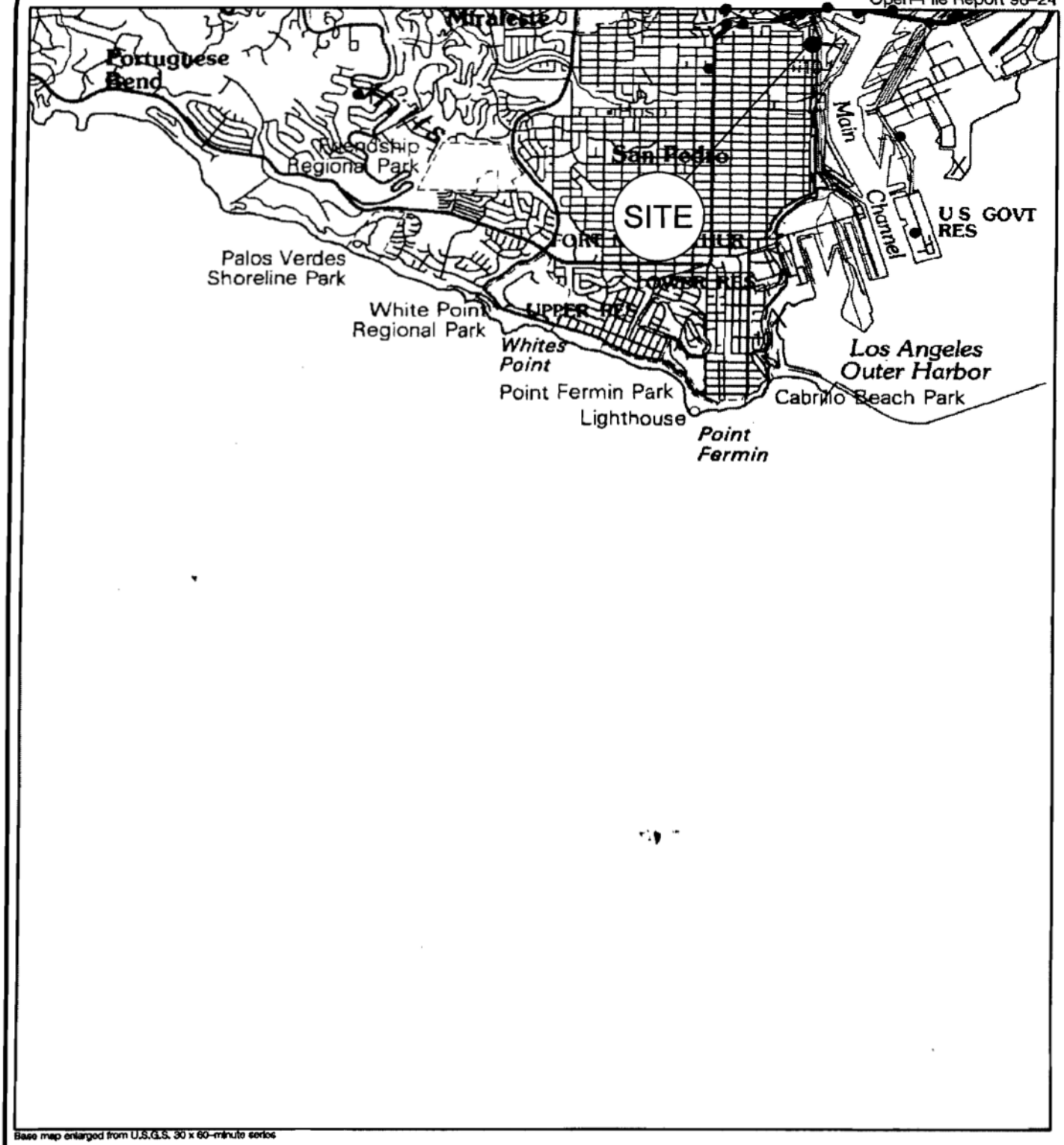
PLOT PLAN AND BORING LOCATION	Proposed Mixed-Use Building 327 North Harbor Boulevard San Pedro, Los Angeles, California
GSS ENGINEERING, INC. *Geotechnical Engineering Consultants*	**PROJECT NO.** GSS-2432-1 **PLATE** 2



SCALE: 1" = 30'

CROSS SECTION	Proposed Mixed-Use Building 327 North Harbor Boulevard San Pedro, Los Angeles, California

GSS ENGINEERING, INC. *Geotechnical Engineering Consultants*	**PROJECT NO.** GSS-2432-1	**PLATE** 3



Base map enlarged from U.S.G.S. 30 x 60-minute series

Plate 1.2 Historically Highest Ground Water Contours and Borehole Log Data Locations, San Pedro Quadrangle.

● Borehole Site — 30 — Depth to ground water in feet

HISTORICAL HIGHEST GROUNDWATER	Proposed Mixed-Use Building 327 North Harbor Boulevard San Pedro, Los Angeles, California	
GSS ENGINEERING, INC. *Geotechnical Engineering Consultants*	**PROJECT No.** GSS-2432-1	**PLATE** 4

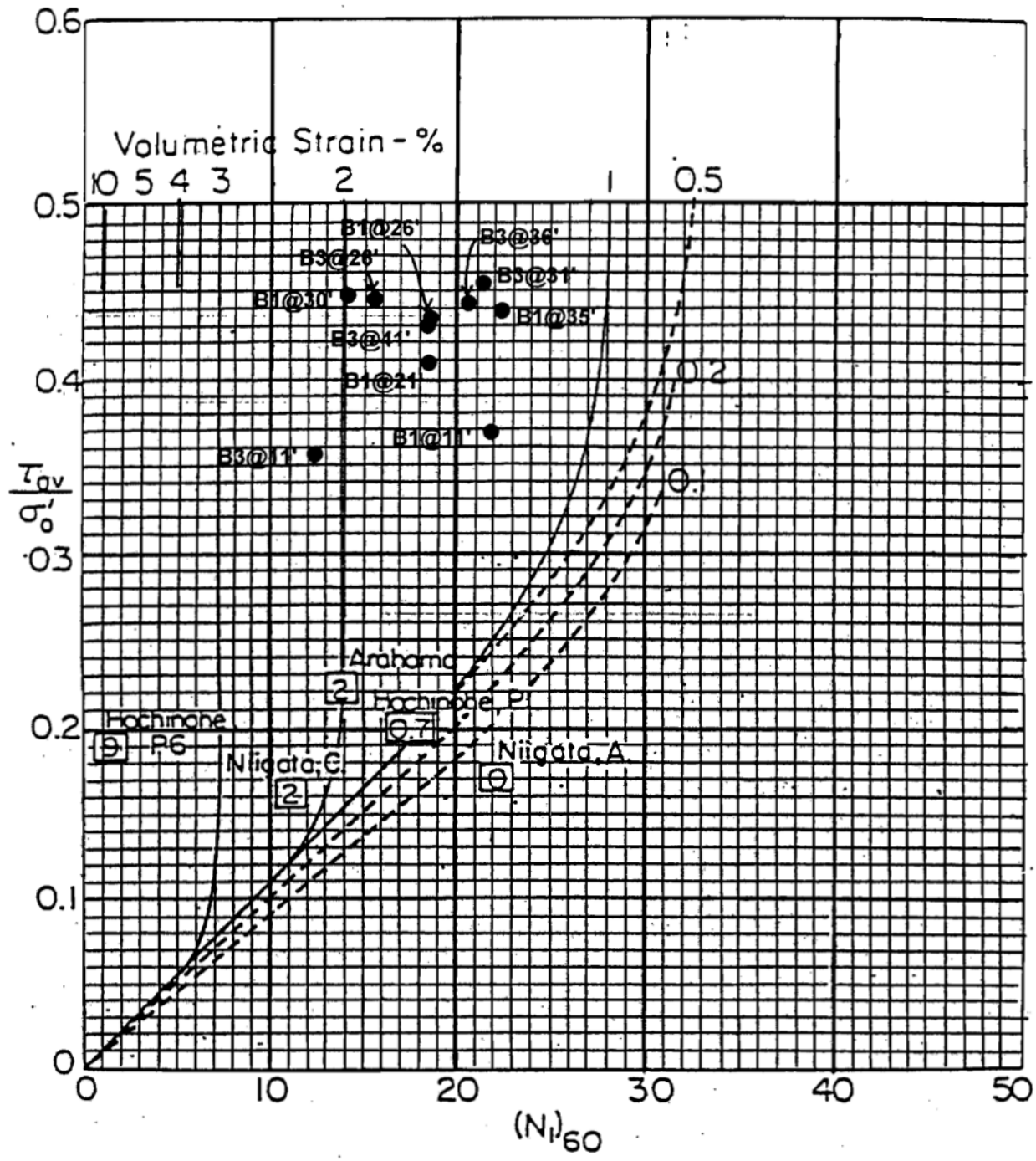


Chart for Determination of Volumetric Strain From Blow Count and Cyclic Stress Ratio (Tokimatsu and Seed, 1987).

VOLUMETRIC STRAIN CHART (Tables One & Three, 475-year Return Period)	Proposed Mixed-Use Building 327 North Harbor Boulevard San Pedro, Los Angeles, California
GSS ENGINEERING, INC. *Geotechnical Engineering Consultants*	**PROJECT No.** GSS-2432-1 **PLATE** 5

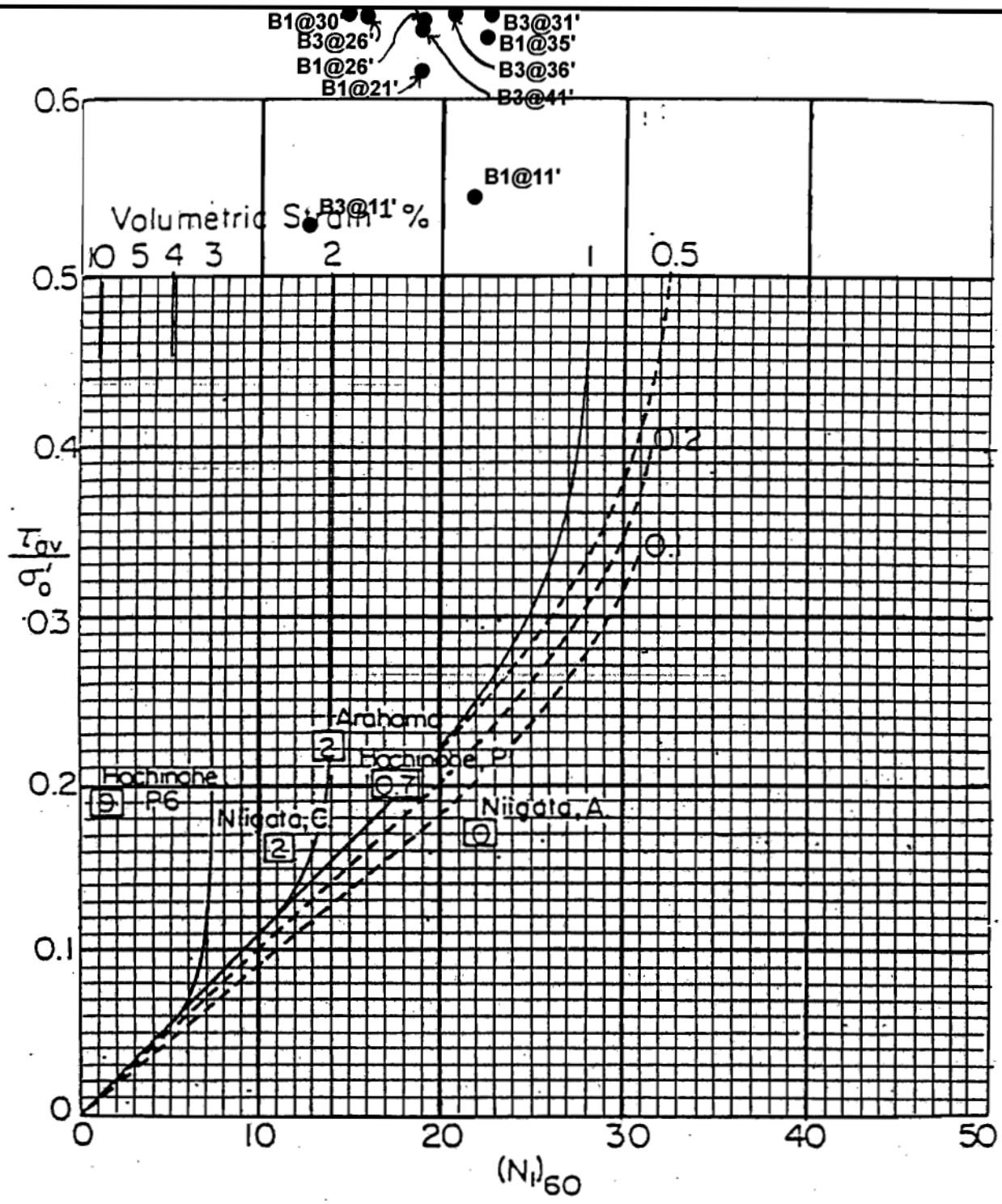
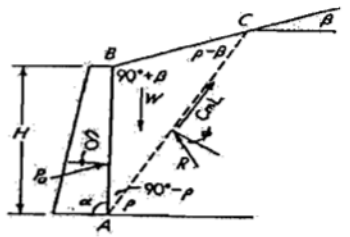


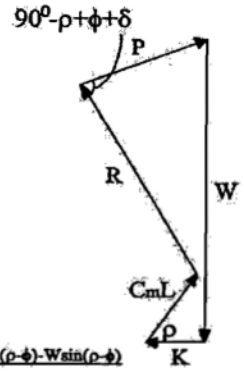
Chart for Determination of Volumetric Strain From Blow Count and Cyclic Stress Ratio (Tokimatsu and Seed, 1987).

VOLUMETRIC STRAIN CHART **(Tables Two & Four, 2475-year Return Period)**	Proposed Mixed-Use Building 327 North Harbor Boulevard San Pedro, Los Angeles, California

GSS ENGINEERING, INC. *Geotechnical Engineering Consultants*	**PROJECT No.** GSS-2432-1	**PLATE** 6

SEISMIC LATERAL EARTH PRESSURE ON RETAINING WALL





$$\text{Area } ABC = \frac{1}{2}H^2 \frac{\sin(90^\circ-\rho)\sin(90^\circ+\beta)}{\sin(\rho-\beta)}$$

$$W = \frac{1}{2}\gamma H^2 \frac{\cos\rho\cos\beta}{\sin(\rho-\beta)}$$

$$P = \frac{C_mL\sin(90^\circ-\rho)\sin(90^\circ+\phi-\rho)-K\sin(90^\circ+\phi-\rho)+C_mL\sin(\rho)\sin(\rho-\phi)-W\sin(\rho-\phi)}{-\sin(\delta)\sin(\rho-\phi)-\sin(90^\circ-\delta)\sin(90^\circ+\phi-\rho)}$$

Design Parameters and Material Properties:

Cohesion, C	=	70.0	pounds per square foot
Angle of Friction, ϕ	=	35.0	degrees
Mobilized Cohesion, C'	=	70.0	pounds per square foot
Mobilized Angle of Friction, ϕ'	=	35.0	degrees
Wet Density of Soil, γ	=	125.0	pounds per cubic foot
Angle of Wall Friction	=	0.0	degrees
Slope Angle, β	=	0.0	degrees
Angle of Slide Plane, ρ	=	53.0	degrees (Worst Case)
Length of Slide Plane, L	=	18.8	feet
Wall Height, H	=	15.0	feet
Tension Crack (H_t)	=	0.0	feet
Weight of Slide Wedge, W	=	10.6	kips
Surcharge Load, Q	=	0.0	kips
Total Weight of Slide Wedge, W_t	=	10.6	kips
Earthquake Horizontal Acceleration A_h	=	0.234	g
Factor-of-Safety, FS	=	1.0	
$W_t = Q+((0.5\gamma(H^2-H_t^2)\cos\rho\cos\beta) / \sin(\rho - \beta))$	=	10.6	kips
Earthquake Load, $K=W_t \times A_h$	=	2.5	kips
Lateral Force P	=	4.792	kips
EFP	=	42.6	pcf < Design Value

LATERAL EARTH PRESSURE (Seismic Analysis)	Proposed Mixed-Use Building 327 North Harbor Boulevard San Pedro, Los Angeles, California	
GSS ENGINEERING, INC. *Geotechnical Engineering Consultants*	**PROJECT No.** GSS-2432-1	**PLATE** 7

APPENDIX

FIELD EXPLORATION AND LABORATORY TESTING

FIELD EXPLORATIONS

The subsurface conditions at the site were explored by excavating three (3) test borings at the locations shown on the Plot Plan, Plate 2, adopted from the "Site Plan" prepared by Ashai Design, dated December 27, 2016. The test borings were excavated by means of a 6-inch diameter hollow stem auger to the depths of 60 to 70 feet below the existing ground surface. The approximate locations of the test borings were determined by tape measurements from the property boundaries. The locations of the test borings should be considered accurate only to the degree implied by the method used.

The soils encountered during excavation were logged by the field engineer. The soils are classified in accordance with the Unified Soil Classification System described on Plate A-1. Undisturbed samples of soils were extracted at selected intervals from the test borings in a barrel sampler with tapered cutting shoe. The undisturbed soil retained in 2.5-inch diameter by one-inch rings within the sampler were secured in moisture resistant bags and plastic sample cans as soon as taken to minimize the loss of field moisture while being transported to the laboratory for testing. Standard penetration tests were performed from the depth of 11 feet in Test Boring Nos. 1 and 3. Soil samples within the sampler were secured in moisture resistant bags for laboratory testing and examination. The relative sampler and standard penetration resistance exhibited by the soil types encountered is tabulated in the Blow per Foot column of the Log of Boring. Detailed logs of test borings are presented on Plates A-2 through A-7, Log of Test Boring.

The line designating the interface between soil materials on the logs of test borings represent approximate boundaries. The transition between materials may be gradual.

LABORATORY TESTING

Moisture-Density

The field moisture content and dry density of the materials encountered were determined by performing tests on selected undisturbed samples to aid in the classification and correlation of the soil and to obtain qualitative information relative to their strengths and compressibility. The field moisture content and dry density of the samples were determined in accordance with ASTM-2216 and ASTM D-2937 standard. Only moisture content was determined on SPT samples to aid in the classification and correlation of the soil. The results of the tests are shown on the Log of Test Boring, Plates A-2 through A-7.

Direct Shear Tests

Direct shear tests were performed in accordance with ASTM D-3080 standard on selected undisturbed samples of the onsite soil to evaluate shear strength and supporting capacity of the foundation materials. Shear tests were made with a direct shear machine of the displacement control type at a displacement rate of approximately 0.005 inches per minute. The samples were soaked in water for at least 24 hours to approximately saturated moisture condition and then sheared under various normal stresses. The residual shear strength values determined from the tests are presented on Plates A-8 through A-10, Direct Shear Test.

Grain Size Analyses

Fines Content analyses were performed on portions of the representative bulk samples in accordance with the ASTM D-1140 laboratory test procedures. Percent of fines content of each soil sample tested are tabulated as follow:

Test Boring No.	Sample Depth (Feet)	Fines Content - % (0.074 mm)
1	11	36.2
1	16	69.3
1	21	36.9
1	26	33.1
1	30	4.1
1	35	3.2
1	40	8.1
1	45	8.7
1	50	6.5
1	55	6.7
1	60	41.3
1	65	4.8
1	70	6.7
3	11	14.7
3	16	86.6

3	21	96.6
3	26	20.8
3	31	59.7
3	36	27.3
3	41	28.6
3	46	22.5
3	50	3.8
3	55	4.2
3	60	3.9

Atterberg Limits

Atterberg limits analyses were performed on portions of the representative bulk samples in accordance with the ASTM D-4318 laboratory test procedures. The result of the sample tested are tabulated as follow:

Test Boring No.	Sample Depth (Feet)	Liquid Limit	Plastic Index
1	16	39	14
3	16	40	15
3	21	43	17

MAJOR DIVISIONS			GROUP SYMBOLS	TYPICAL NAMES
COARSE GRAINED SOILS (More than 50% of material is LARGER than No. 200 sieve size)	GRAVELS (More than 50% of coarse fraction is LARGER than No. 4 sieve size)	CLEAN GRAVELS (Little or no fines)	GW	Well graded gravels and gravel - sand mixtures, little or no fines
			GP	Poorly graded gravels and gravel - sand mixtures, little or no fines
		GRAVELS WITH FINES (Appreciable Amount of fines)	GM	Silty gravels, gravel - sand - silt mixtures
			GC	Clayey gravels, gravel - sand - clay mixtures
	SANDS (More than 50% of coarse fraction is SMALLER than No. 4 sieve size)	CLEAN SANDS (Little or no fines)	SW	Well graded sands and gravelly sands, little or no fines
			SP	Poorly graded sands and gravelly sands, little or no fines
		SANDS WITH FINES (Appreciable Amount of fines)	SM	Silty sands, sand - silt mixtures
			SC	Clayey sands, sand - clay mixtures
FINE GRAINED SOILS (More than 50% of material is SMALLER than No. 200 sieve size)	SILTS AND CLAYS (Liquid limit LESS than 50)		ML	Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity
			CL	Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays
			OL	Organic silts and organic silty clays of low plasticity
	SILTS AND CLAYS (Liquid limit GREATER than 50)		MH	Inorganic silts, micaceous or diatomaceous fine sands or silts, elastic silts
			CH	Inorganic clays of high plasticity, fat clays
			OH	Organic clays of medium to high plasticity, organic silts
HIGHLY ORGANIC SOILS			Pt	Peat, muck and other highly organic soils

BOUNDARY CLASSIFICATIONS: Soils possessing characteristics of two groups are designated by combinations of group symbols.

Reference: The Unified Soil Classification System, Corps of Engineers, U. S. Army Technical Memorandum No. 3 - 357, Vol 1, March, 1953 (Revised April, 1960)

UNIFIED SOIL CLASSIFICATION SYSTEM	Proposed Mixed-Use Building 327 North Harbor Boulevard San Pedro, Los Angeles, California
GSS ENGINEERING, INC. *Geotechnical Engineering Consultants*	**PROJECT No.** GSS-2432-1 **PLATE** A-1

NOTE: The data presented on this log is a simplification of actual subsurface conditions encountered and applies only at the location of this boring and the date of drilling. It is not warranted to be representative of subsurface conditions at other locations and times.

BORING NO. 1

Elevation: N/A

Depth in Feet	Blow per Foot	Field Moisture % of Dry Weight	Dry Density lbs./cu.ft.	Shear Resistance kips/sq.ft.	Confining Pressure kips/sq.ft.	Unified Classification	Soil Symbol					
						SM		FILL	SAND, very fine to fine, silty, occasional coarse	light gray brown	slightly moist	medium dense
									SAND, very fine to fine, silty, mixed with clean sand occasional medium and coarse			
5	9	6.9	99.7						SAND, very fine to fine, silty, occasional coarse	yellow brown		
10	13	7.3	92.6			SM		SAND	fine to coarse, silty	gray brown	slightly moist to moist	medium dense
	9*	8.2										
15	12	10.2	100.9							drk gry brn		
	5*	24.9				CL		CLAY	silty, very fine sandy	brown	very moist	mod stiff
20	9	23.9	99.3									
	9*	20.4				SM		SAND	fine to coarse, silty	gray brown	saturated	medium dense
25	15	21.4	105.2							dark gray brown		
	10*	20.1										
30	12*	24.1				SP			fine, slightly silty	light gray brown		medium dense to dense
35	20*	22.1								gray brown		
40	36*	22.5										dense

Continued on Next Plate

Date Drilled: 4/21/2017
Drilling Equipment: 6-inch diameter hollow stem auger
Driving Weight: 140 lbs @ 30-inch drop
Water Depth: 20' bgs

LOG OF TEST BORING	Proposed Mixed-Use Building 327 North Harbor Boulevard San Pedro, Los Angeles, California
GSS ENGINEERING, INC. *Geotechnical Engineering Consultants*	**PROJECT No.** GSS-2432-1 **PLATE** A-2

NOTE: The data presented on this log is a simplification of actual subsurface conditions encountered and applies only at the location of this boring and the date of drilling. It is not warranted to be representative of subsurface conditions at other locations and times.

BORING NO. 1 cont'd

Elevation: N/A

Depth in Feet	Blow per Foot	Field Moisture % of Dry Weight	Dry Density lbs./cu.ft.	Shear Resistance kips/sq.ft.	Confining Pressure kips/sq.ft.	Unified Classification	Soil Symbol					
						SP		SAND	fine, slightly silty	dark gray brown	saturated	dense
45	35*	19.8										
50	40*	28.4										
55	56*	20.8										
60	65*	23.6				SM			very fine to fine, silty to very silty	gray		
65	66*	20.1				SP			fine, slightly silty	gray brown		
70	62*	22.5										

End of Test Boring @ 70'

' * ' indicates SPT blow count

Date Drilled: 4/21/2017
Drilling Equipment: 6-inch diameter hollow stem auger
Driving Weight: 140 lbs @ 30-inch drop
Water Depth: 20' bgs

LOG OF TEST BORING	Proposed Mixed-Use Building 327 North Harbor Boulevard San Pedro, Los Angeles, California
GSS ENGINEERING, INC. *Geotechnical Engineering Consultants*	**PROJECT No.** GSS-2432-1 **PLATE** A-3

NOTE: The data presented on this log is a simplification of actual subsurface conditions encountered and applies only at the location of this boring and the date of drilling. It is not warranted to be representative of subsurface conditions at other locations and times.

BORING NO. 2

Elevation: N/A

Depth in Feet	Blow per Foot	Field Moisture % of Dry Weight	Dry Density lbs./cu.ft.	Shear Resistance kips/sq.ft.	Confining Pressure kips/sq.ft.	Unified Classification	Soil Symbol					
						SM		FILL	SAND, very fine to medium, silty to slightly silty	brown to dark brown	slightly moist	medium dense
5	10	4.0	101.7			SP			SAND, fine, slightly silty	gray brown		
						SM			SAND, very fine to fine, silty, occasional coarse	yellow brown		
10	12	3.9	93.9			SM		SAND	very fine to fine, silty, occasional coarse	yellow brown		medium dense
15	15	28.0	90.4			CL		CLAY	silty	dark brown	very moist	stiff
20	12	31.9	89.2								saturated	
25	8	33.0	87.0									
30	10	29.1	93.5			SM		SAND	very fine to fine, silty	dark gray		medium dense
35	14	31.0	90.9			ML		SILT	very fine to fine sandy, slightly clayey	dark gray		mod firm to firm
40	10	35.0	85.3									

Continued on Next Plate

Date Drilled: 4/21/2017
Drilling Equipment: 6-inch diameter hollow stem auger
Driving Weight: 140 lbs @ 30-inch drop
Water Depth: 20' bgs

LOG OF TEST BORING	Proposed Mixed-Use Building 327 North Harbor Boulevard San Pedro, Los Angeles, California
GSS ENGINEERING, INC. *Geotechnical Engineering Consultants*	**PROJECT No.** GSS-2432-1 **PLATE** A-4

NOTE: The data presented on this log is a simplification of actual subsurface conditions encountered and applies only at the location of this boring and the date of drilling. It is not warranted to be representative of subsurface conditions at other locations and times.

BORING NO. 2 cont'd

Elevation: N/A

Depth in Feet	Blow per Foot	Field Moisture % of Dry Weight	Dry Density lbs./cu.ft.	Shear Resistance kips/sq.ft.	Confining Pressure kips/sq.ft.	Unified Classification	Soil Symbol					
						ML		SILT	very fine to fine sandy, slightly clayey	dark gray	saturated	m firm to firm
45	8	38.7	82.5			CL		CLAY	silty			stiff
50	30	18.5	112.2			SM		SAND	very fine to fine, silty	gray brown		dense
55	32	18.1	112.1									
60	35	19.0	110.1						very fine to medium, silty			
65	40	19.3	109.5									

End of Test Boring @ 65'

' * ' indicates SPT blow count

Date Drilled: 4/21/2017
Drilling Equipment: 6-inch diameter hollow stem auger
Driving Weight: 140 lbs @ 30-inch drop
Water Depth: 20' bgs

LOG OF TEST BORING	Proposed Mixed-Use Building 327 North Harbor Boulevard San Pedro, Los Angeles, California	
GSS ENGINEERING, INC. *Geotechnical Engineering Consultants*	**PROJECT No.** GSS-2432-1	**PLATE** A-5

NOTE: The data presented on this log is a simplification of actual subsurface conditions encountered and applies only at the location of this boring and the date of drilling. It is not warranted to be representative of subsurface conditions at other locations and times.

BORING NO. 3

Elevation: N/A

Depth in Feet	Blow per Foot	Field Moisture % of Dry Weight	Dry Density lbs./cu.ft.	Shear Resistance kips/sq.ft.	Confining Pressure kips/sq.ft.	Unified Classification	Soil Symbol					
						SM		FILL	SAND, very fine to fine, silty, occasional coarse	light gray brown	slightly moist	medium dense
5	14	32.5	84.2			CL			CLAY, silty, mixed with silty sand	dark brown	moist to v moist	mod stiff
						SM			SAND, very fine to fine, silty	dark gry brn	slightly moist	medium dense
10	15 6*	7.2 8.3	93.9			SM		SAND	very fine to fine, silty, occasional coarse	yellow brown		medium dense to dense
15	17 9*	29.1 28.3	92.0			CL		CLAY	silty, very fine sandy	brown	very moist to wet	mod stiff to stiff
20	10 5*	32.2 32.1	90.2								saturated	
25	7 9*	31.5 24.8	90.0			SM		SAND	very fine to fine, silty	gray brown		medium dense
30	15 11*	38.1 38.0	82.3			ML		SILT	very fine sandy	dark gray		mod firm to firm
35	16 12*	20.8 20.1	109.5			SM		SAND	very fine to fine, silty	dark gray brown		medium dense to dense
40	15	21.6	106.0									

Continued on Next Plate

Date Drilled: 5/3/2017
Drilling Equipment: 6-inch diameter hollow stem auger
Driving Weight: 140 lbs @ 30-inch drop
Water Depth: 19' bgs

LOG OF TEST BORING	Proposed Mixed-Use Building 327 North Harbor Boulevard San Pedro, Los Angeles, California
GSS ENGINEERING, INC. *Geotechnical Engineering Consultants*	**PROJECT No.** GSS-2432-1 **PLATE** A-6

NOTE: The data presented on this log is a simplification of actual subsurface conditions encountered and applies only at the location of this boring and the date of drilling. It is not warranted to be representative of subsurface conditions at other locations and times.

BORING NO. 3 cont'd

Elevation: N/A

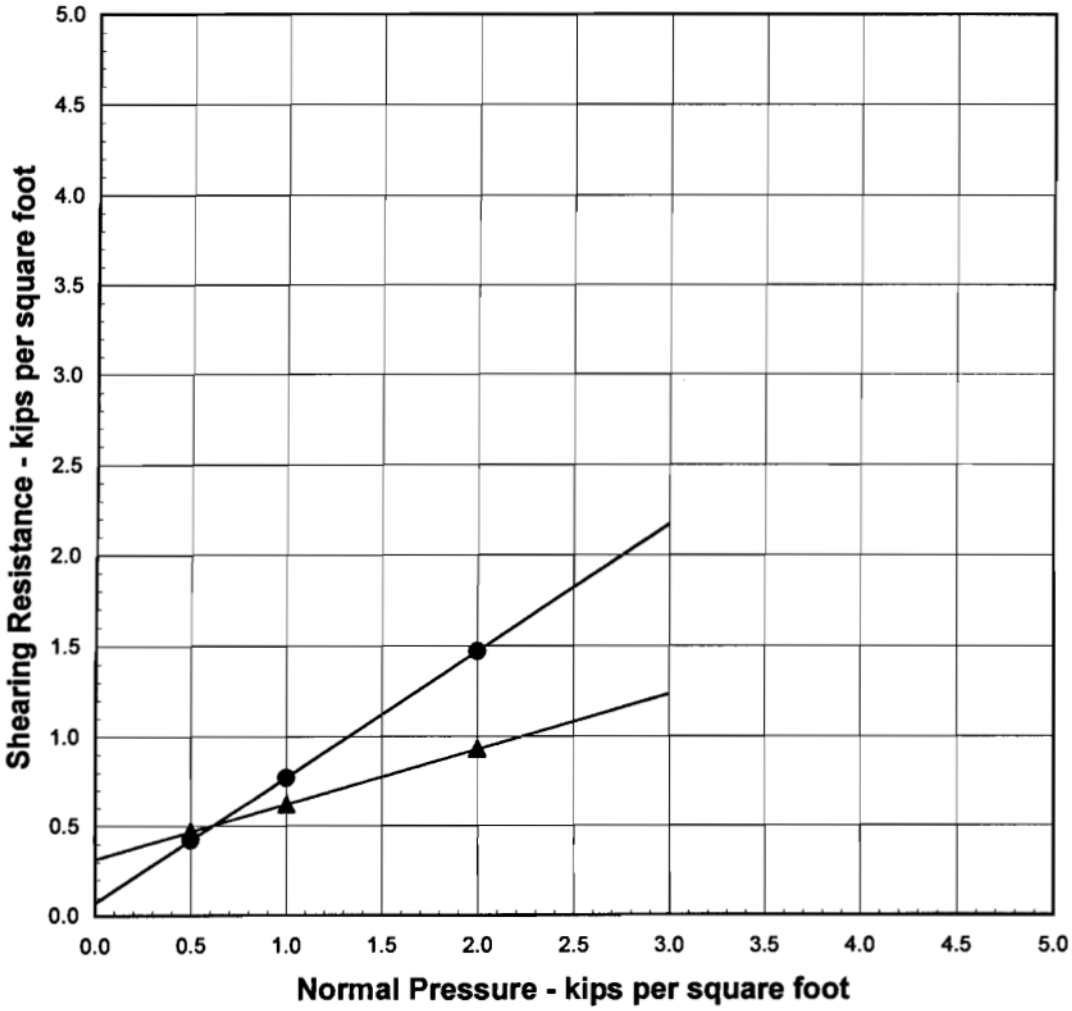
Depth in Feet	Blow per Foot	Field Moisture % of Dry Weight	Dry Density lbs./cu.ft.	Shear Resistance kipa/sq.ft.	Confining Pressure kipa/sq.ft.	Unified Classification	Soil Symbol					
	11*	19.5				SM		SAND	very fine to fine, silty	dark gray	saturated	medium dense
45	30	21.0	106.3									dense
	23*	20.2										
50	32*	23.1				SP			very fine to fine, slightly silty	brown		
55	31*	24.0										
60	40*	23.9										

End of Test Boring @ 60'

' * ' indicates SPT blow count

Date Drilled: 5/3/2017
Drilling Equipment: 6-inch diameter hollow stem auger
Driving Weight: 140 lbs @ 30-inch drop
Water Depth: 19' bgs

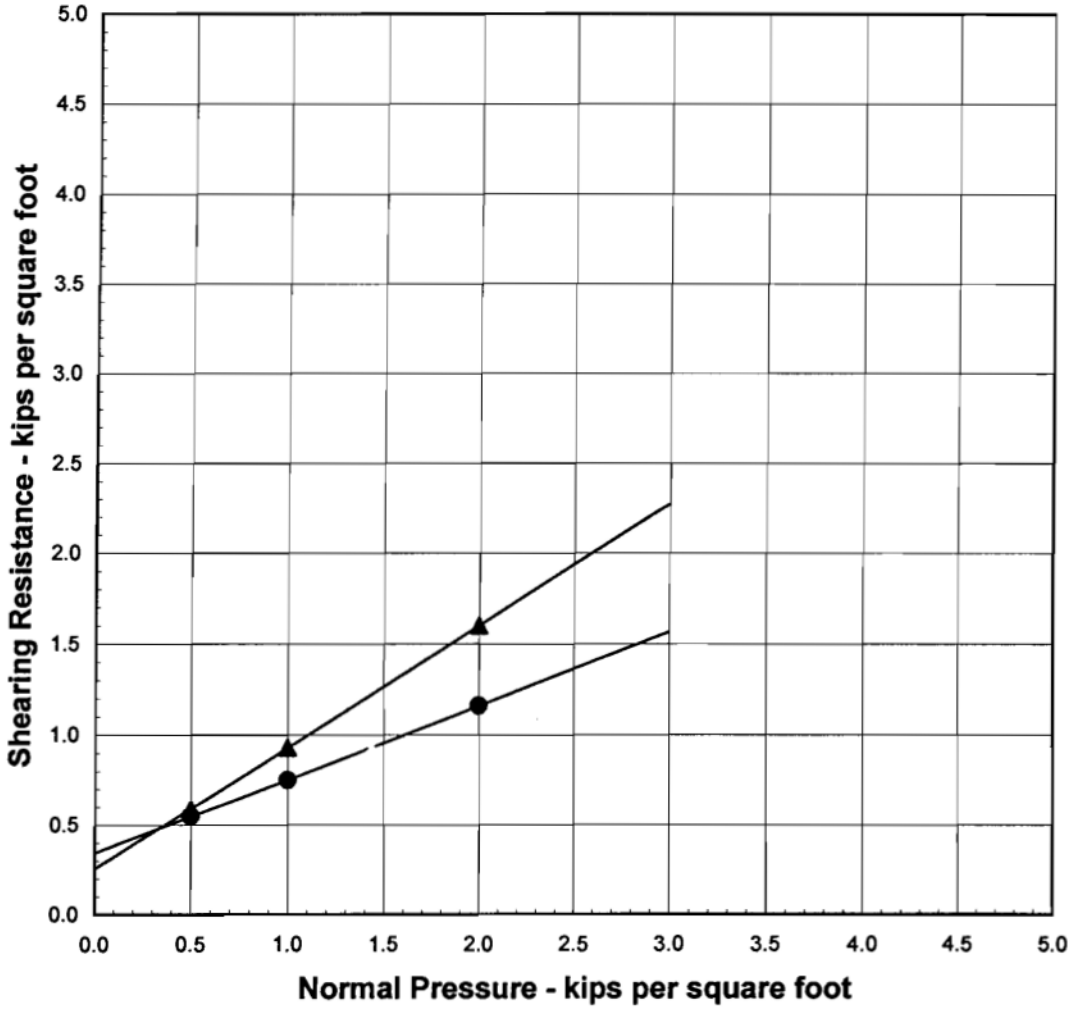
LOG OF TEST BORING	Proposed Mixed-Use Building 327 North Harbor Boulevard San Pedro, Los Angeles, California	
GSS ENGINEERING, INC. *Geotechnical Engineering Consultants*	**PROJECT No.** GSS-2432-1	**PLATE** A-7



Samples were tested under saturated and drained conditions.

	Boring No.	Depth (feet)	UC	Initial Water Content (% of dry wt.)	Final Water Content (% of dry wt.)	Dry Density (lbs / cu.ft.)	Cohesion (lbs / sq. ft.)	Angle of Friction (degrees)
●	1	5	SM	6.9	25.1	99.7	70 residual shear strength	35
▲	1	20	CL	23.9	24.0	99.3	320 residual shear strength	17

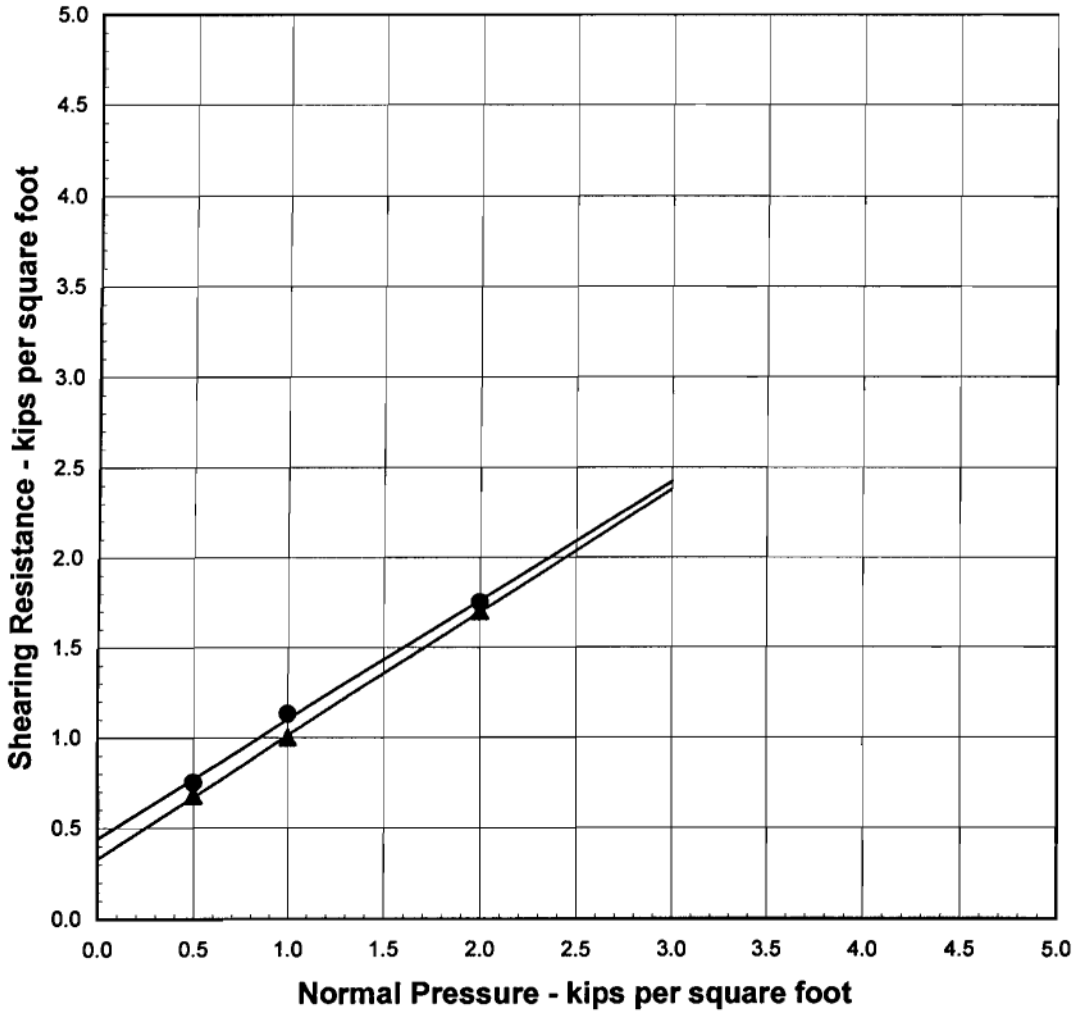
DIRECT SHEAR TEST DATA	Proposed Mixed-Use Building 327 North Harbor Boulevard San Pedro, Los Angeles, California	
GSS ENGINEERING, INC. *Geotechnical Engineering Consultants*	**PROJECT No.** GSS-2432-1	**PLATE** A-8



Samples were tested under saturated and drained conditions.

	Boring No.	Depth (feet)	UC	Initial Water Content (% of dry wt.)	Final Water Content (% of dry wt.)	Dry Density (lbs / cu.ft.)	Cohesion (lbs / sq. ft.)	Angle of Friction (degrees)
●	2	15	CL	28.0	31.9	90.4	350	22
							residual shear strength	
▲	2	30	SM	29.1	29.2	93.5	250	34
							residual shear strength	

DIRECT SHEAR TEST DATA	Proposed Mixed-Use Building 327 North Harbor Boulevard San Pedro, Los Angeles, California
GSS ENGINEERING, INC. *Geotechnical Engineering Consultants*	**PROJECT No.** GSS-2432-1 **PLATE** A-9



Samples were tested under saturated and drained conditions.

	Boring No.	Depth (feet)	UC	Initial Water Content (% of dry wt.)	Final Water Content (% of dry wt.)	Dry Density (lbs / cu.ft.)	Cohesion (lbs / sq. ft.)	Angle of Friction (degrees)
●	2	55	SM	18.1	18.1	112.1	440	33
							residual shear strength	
▲	3	40	SM	21.6	21.7	106.0	330	34
							residual shear strength	

DIRECT SHEAR TEST DATA	Proposed Mixed-Use Building 327 North Harbor Boulevard San Pedro, Los Angeles, California
GSS ENGINEERING, INC. *Geotechnical Engineering Consultants*	**PROJECT No.** GSS-2432-1 **PLATE** A-10

APPENDIX C: REGULATORY DATABASE REPORT

PARTNER

319- 327 N Harbor Blvd
319- 327 N Harbor Blvd
SAN PEDRO, CA 90731

Inquiry Number: 6366025.2s
February 12, 2021

The EDR Radius Map™ Report with GeoCheck®

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

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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

319- 327 N HARBOR BLVD
SAN PEDRO, CA 90731

COORDINATES

Latitude (North):	33.7457710 - 33° 44' 44.77''
Longitude (West):	118.2800690 - 118° 16' 48.24''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	381430.9
UTM Y (Meters):	3734510.2
Elevation:	21 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	5640434 SAN PEDRO, CA
Version Date:	2012
North Map:	5633779 TORRANCE, CA
Version Date:	2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20140513
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
319- 327 N HARBOR BLVD
SAN PEDRO, CA 90731

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	ARCO BATTERY CO	327 NO HARBOR BLVD	HWTS		TP
A2	FORMER ARCO BATTERY	319-327 N HARBOR BLV	LA Co. Site Mitigation		TP
A3	1X ARCO BATTERY	327 N HARBOR BLVD	HWTS		TP
A4	ARCO BATTERY MFG CO	327 N HARBOR BLVD	RCRA-SQG, FINDS, ECHO		TP
A5	ARCO BATTERY	327 N HARBOR BLVD	HAZNET, HAZMAT, LA Co. Site Mitigation, HWTS		TP
A6	LOS ANGELES MARINE H	345 N BEACON ST	SWEEPS UST, HIST UST, CA FID UST, HAZMAT	Higher	92, 0.017, West
A7	ICON INTERNATIONAL I	345 N BEACON ST	UST	Higher	92, 0.017, West
A8	COAST DIVING SERVICE	305 N BEACON ST	CERS HAZ WASTE, HAZNET, HWTS	Higher	126, 0.024, SW
B9		259 N HARBOR BLVD	UST	Lower	326, 0.062, SSE
B10	SIGNAL OIL STATION	259 N HARBOR BLVD	EDR Hist Auto	Lower	326, 0.062, SSE
C11	LOUISIANA-PACIFIC CO	515 N BEACON ST	HIST UST	Lower	407, 0.077, NNW
C12	LOUISIANA-PACIFIC CO	515 N BEACON ST	SWEEPS UST, CA FID UST	Lower	407, 0.077, NNW
C13		515 N BEACON ST	UST	Lower	407, 0.077, NNW
C14	LOUISIANA-PACIFIC CO	515 N BEACON ST	HIST UST	Lower	407, 0.077, NNW
C15	1X CAL TRANS	515 N BEACON ST	HIST UST, HAZNET, HWTS	Lower	407, 0.077, NNW
B16	WEST MARINE	203 N HARBOR BLVD	HAZNET, HAZMAT, HWTS	Lower	422, 0.080, South
B17	WEST MARINE	203 N HARBOR BLVD	RCRA NonGen / NLR	Lower	422, 0.080, South
B18	WEST MARINE #13	203 N HARBOR BLVD	CERS HAZ WASTE	Lower	422, 0.080, South
C19	C-WORTHY INDUSTRIAL	508 NO BEACON ST	HAZNET, HAZMAT, HWTS	Lower	502, 0.095, North
B20	EDISON/SAN PEDRO MGP	SANTA CRUZ ST. CENTR	ENVIROSTOR, VCP	Higher	569, 0.108, South
C21		515 N HARBOR BLVD	UST	Lower	584, 0.111, North
C22	SAN PEDRO SAILBOARDS	525 N HARBOR BLVD	HAZMAT	Lower	595, 0.113, North
C23	LEWIN ED THRIFTY SER	525 N HARBOR BLVD	EDR Hist Auto	Lower	595, 0.113, North
B24	CHEVRON PRODUCTS CO	111 NORTH HARBOR BOU	HAZNET, HAZMAT, HWTS	Higher	596, 0.113, South
B25	UNITED CAR & TRUCK R	111 N HARBOR BLVD	UST	Higher	596, 0.113, South
26	HIS & ERS CLEANERS	221 W OLIVER ST	EDR Hist Cleaner	Higher	639, 0.121, NW
27	LA PUMPING PLANT #67	530 N HARBOR BLVD	RCRA-SQG, FINDS, ECHO	Lower	739, 0.140, North
D28	TOM ANAST	100 W 1ST ST	SWEEPS UST, CA FID UST, HAZMAT	Lower	772, 0.146, South
D29	ASHLAND CHEMICAL C O	100 W 1ST ST SAN PED	RCRA-SQG	Lower	772, 0.146, South
30	METRO CRUISE SERVICE	500 FRONT ST	HAZMAT	Lower	807, 0.153, NNE
31	AMERICAN PRESIDENT L	BERTH 93A LOS ANGELE	RCRA-SQG	Lower	880, 0.167, ENE
D32	LOS ANGELES HARBOR B	HARBOR BLVD	HIST CORTESE	Lower	894, 0.169, South
D33		132 S HARBOR BLVD	UST	Lower	1013, 0.192, South
E34	EDISON/SAN PEDRO MGP	SANTA CRUZ, CENTRE A	EDR MGP	Higher	1017, 0.193, SW
F35	DIMAX EXPRESS	661 N HARBOR BLVD	RCRA NonGen / NLR	Higher	1126, 0.213, NNW
G36	LOS ANGELES CRUISE S	BERTH 93C	RCRA-LQG	Lower	1132, 0.214, NNE
H37		238 S HARBOR BLVD	UST	Lower	1168, 0.221, South
G38	L.A. CRUISE SHIP TER	BERTH 93	UST	Lower	1175, 0.223, NNE
G39	CHEVRON USA INC SAN	1502 SWINFORD ST	RCRA-SQG, FINDS, ECHO	Lower	1180, 0.223, NNE

MAPPED SITES SUMMARY

Target Property Address:
319- 327 N HARBOR BLVD
SAN PEDRO, CA 90731

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
E40	RANCHO SAN PEDRO	275 W 1ST ST	RCRA-SQG	Higher	1180, 0.223, SW
E41		275 W 1ST ST	UST	Higher	1180, 0.223, SW
E42	CITY OF LA/HOUSING A	275 W 1ST ST	RCRA NonGen / NLR	Higher	1180, 0.223, SW
F43		660 N HARBOR BLVD	UST	Lower	1181, 0.224, North
H44	PACIFIC BATTLESHIP C	250 S HARBOR BLVD	RCRA NonGen / NLR	Lower	1184, 0.224, South
F45	PACIFIC HARBOR LINE	E REGAN ST & HARBOR	RCRA NonGen / NLR	Lower	1213, 0.230, North
G46	CATALINA CHANNEL EXP	BERTH 95	AST, CERS HAZ WASTE, CERS TANKS, HAZMAT, CERS	Lower	1227, 0.232, NNE
H47	CROWLEY PETROLEUM SE	300 S HARBOR BLVD	RCRA-SQG	Lower	1254, 0.237, South
H48	CROWLEY MARINE SERVI	300 S HARBOR BLVD BR	HAZMAT	Lower	1254, 0.237, South
I49	FORMER UNION OIL HAR	N/A FRONT STREET	CPS-SLIC, CERS	Lower	1536, 0.291, NNW
50	SAN PEDRO MARINE TER	1510 SWINFORD ST	CPS-SLIC, HIST UST, CERS	Lower	1575, 0.298, NNE
51	PORT OF LOS ANGELES	425 SOUTH PALOS VERD	ENVIROSTOR	Higher	1728, 0.327, SSW
I52	TODD SHIPYARD	710 FRONT	ENVIROSTOR, EMI, HIST CORTESE, CIWQS	Lower	1790, 0.339, NNW
I53	TODD PACIFIC SHIPYAR	710 N FRONT ST	HIST UST, CA FID UST, RCRA NonGen / NLR, Notify...	Lower	1790, 0.339, NNW
54	PORT OF LOS ANGELES	100 REGAN	CPS-SLIC, CERS	Lower	2041, 0.387, NNE
55	LA UNI SCH DIST, HAR	740 NORTH PACIFIC AV	LUST, Cortese, EMI, CERS	Higher	2110, 0.400, NW
56	PLAZA AUTOMOTIVE CEN	505 NORTH PACIFIC AV	SEMS-ARCHIVE, RCRA-SQG, ENVIROSTOR, FINDS, ECHO,...	Higher	2421, 0.459, WNW
57	BARTON HILL ELEMENTA	423 PACIFIC AVENUE	ENVIROSTOR, SCH, CERS	Higher	2637, 0.499, West
58	RICHARDS CLEANERS	538 WEST 5TH STREET	RESPONSE, ENVIROSTOR, LIENS, Cortese, CERS	Higher	3297, 0.624, SW
59	OCEAN PARK CLEANERS	114 N. GAFFEY STREET	ENVIROSTOR	Higher	3647, 0.691, WSW
J60	TERINALM IS BAR BALL		FUDS	Lower	4180, 0.792, ESE
J61	TERMINAL ISL BAR BAL		ENVIROSTOR	Lower	4194, 0.794, ESE
K62	TODD SHIPYARD		FUDS	Lower	4262, 0.807, NE
K63	UNOCAL SAN PEDRO MAR	MAIN CHANNEL	CHMIRS, Notify 65	Lower	4292, 0.813, NE
64	SOUTHWEST MARINE SAN	985 SOUTH SEASIDE	RCRA-SQG, RESPONSE, ENVIROSTOR, LUST, CPS-SLIC,...	Lower	4363, 0.826, SE
65	KINDER MORGAN LIQUID	1900 WILMINGTON	ENVIROSTOR, US AIRS	Lower	4527, 0.857, NW
66	CABRILLO ELEMENTARY	732 SOUTH CABRILLO	ENVIROSTOR, SCH	Higher	4989, 0.945, SW
67	KINDER MORGAN - GAFF	1313/1363 N GAFFEY S	ENVIROSTOR, VCP	Lower	5191, 0.983, NW

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 9 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
ARCO BATTERY CO 327 NO HARBOR BLVD SAN PEDRO, CA 90731	HWTS	N/A
FORMER ARCO BATTERY 319-327 N HARBOR BLV SAN PEDRO, CA 90733	LA Co. Site Mitigation Case ID: RO0000198 Site ID: SD0000194	N/A
1X ARCO BATTERY 327 N HARBOR BLVD SAN PEDRO, CA 90731	HWTS	N/A
ARCO BATTERY MFG CO 327 N HARBOR BLVD SAN PEDRO, CA 90731	RCRA-SQG EPA ID:: CAD009525692 FINDS Registry ID:: 110002636782 ECHO Registry ID: 110002636782	CAD009525692
ARCO BATTERY 327 N HARBOR BLVD SAN PEDRO, CA 90731	HAZNET GEPAID: CAC002623940 HAZMAT Database: LOS ANGELES HM, Date of Government Version: 06/01/2019 LA Co. Site Mitigation Case ID: RO0010412 Facility Id: FA0013235 Site ID: SD0010412 HWTS	N/A

DATABASES WITH NO MAPPED SITES

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

STANDARD ENVIRONMENTAL RECORDS

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
SEMS..... Superfund Enterprise Management System

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

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

Federal RCRA generators list

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

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System
US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROLS..... Institutional Controls Sites List

Federal ERNS list

ERNS..... Emergency Response Notification System

State and tribal 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
INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS..... Considered Brownfieds Sites Listing

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

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

Local Lists of Landfill / Solid Waste Disposal Sites

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

Local Lists of Hazardous waste / Contaminated Sites

AOCONCERN..... Key Areas of Concerns in Los Angeles County
US HIST CDL..... Delisted National Clandestine Laboratory Register
HIST Cal-Sites..... Historical Calsites Database
SCH..... School Property Evaluation Program
CDL..... Clandestine Drug Labs
Toxic Pits..... Toxic Pits Cleanup Act Sites
US CDL..... National Clandestine Laboratory Register
PFAS..... PFAS Contamination Site Location Listing

Local Land Records

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

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
CHMIRS..... California Hazardous Material Incident Report System
LDS..... Land Disposal Sites Listing
MCS..... Military Cleanup Sites Listing
SPILLS 90..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

DOD..... Department of Defense Sites
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR..... Financial Assurance Information
EPA WATCH LIST..... EPA WATCH LIST
2020 COR ACTION..... 2020 Corrective Action Program List
TSCA..... Toxic Substances Control Act
TRIS..... Toxic Chemical Release Inventory System
SSTS..... Section 7 Tracking Systems
ROD..... Records Of Decision
RMP..... Risk Management Plans

EXECUTIVE SUMMARY

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

EXECUTIVE SUMMARY

MINES MRDS..... Mineral Resources Data System

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

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

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

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

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

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

STANDARD ENVIRONMENTAL RECORDS

Federal 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 10/28/2020 has revealed that there is 1 SEMS-ARCHIVE site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
PLAZA AUTOMOTIVE CEN Site ID: 0905279 EPA Id: CAD982403370	***505 NORTH PACIFIC AV***	***WNW 1/4 - 1/2 (0.459 mi.)***	***56***	***133***

EXECUTIVE SUMMARY

Federal RCRA generators list

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

A review of the RCRA-LQG list, as provided by EDR, and dated 12/14/2020 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
LOS ANGELES CRUISE S EPA ID:: CAD982412454	BERTH 93C	NNE 1/8 - 1/4 (0.214 mi.)	G36	89

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 12/14/2020 has revealed that there are 6 RCRA-SQG sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RANCHO SAN PEDRO EPA ID:: CAP000074302	275 W 1ST ST	SW 1/8 - 1/4 (0.223 mi.)	E40	95

Lower Elevation	Address	Direction / Distance	Map ID	Page
LA PUMPING PLANT #67 EPA ID:: CAD981986938	***530 N HARBOR BLVD***	***N 1/8 - 1/4 (0.140 mi.)***	***27***	***77***
ASHLAND CHEMICAL C O EPA ID:: CAP000046946	100 W 1ST ST SAN PED	S 1/8 - 1/4 (0.146 mi.)	D29	81
AMERICAN PRESIDENT L EPA ID:: CAD047437165	BERTH 93A LOS ANGELE	ENE 1/8 - 1/4 (0.167 mi.)	31	83
CHEVRON USA INC SAN EPA ID:: CAT000624684	***1502 SWINFORD ST***	***NNE 1/8 - 1/4 (0.223 mi.)***	***G39***	***92***
CROWLEY PETROLEUM SE EPA ID:: CAR000251801	300 S HARBOR BLVD	S 1/8 - 1/4 (0.237 mi.)	H47	111

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 2 RESPONSE sites

within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RICHARDS CLEANERS	***538 WEST 5TH STREET***	***SW 1/2 - 1 (0.624 mi.)***	***58***	***142***
Database: RESPONSE, Date of Government Version: 10/26/2020 Status: Active Facility Id: 60000408				

Lower Elevation	Address	Direction / Distance	Map ID	Page
SOUTHWEST MARINE SAN	***985 SOUTH SEASIDE***	***SE 1/2 - 1 (0.826 mi.)***	***64***	***166***
Database: RESPONSE, Date of Government Version: 10/26/2020 Status: Active Facility Id: 60000999				

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 10/26/2020 has revealed that there are 12 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
EDISON/SAN PEDRO MGP Facility Id: 19490232 Status: No Further Action	***SANTA CRUZ ST. CENTR***	***S 0 - 1/8 (0.108 mi.)***	***B20***	***71***
PORT OF LOS ANGELES Facility Id: 19440005 Status: Refer: RWQCB	425 SOUTH PALOS VERD	SSW 1/4 - 1/2 (0.327 mi.)	51	118
PLAZA AUTOMOTIVE CEN Facility Id: 19750082 Status: Inactive - Needs Evaluation	***505 NORTH PACIFIC AV***	***WNW 1/4 - 1/2 (0.459 mi.)***	***56***	***133***
BARTON HILL ELEMENTA Facility Id: 19820064 Status: Inactive - Needs Evaluation	***423 PACIFIC AVENUE***	***W 1/4 - 1/2 (0.499 mi.)***	***57***	***139***
RICHARDS CLEANERS Facility Id: 60000408 Status: Active	***538 WEST 5TH STREET***	***SW 1/2 - 1 (0.624 mi.)***	***58***	***142***
OCEAN PARK CLEANERS Facility Id: 19720032 Status: Refer: 1248 Local Agency	114 N. GAFFEY STREET	WSW 1/2 - 1 (0.691 mi.)	59	161
CABRILLO ELEMENTARY	***732 SOUTH CABRILLO***	***SW 1/2 - 1 (0.945 mi.)***	***66***	***210***

Facility Id: 19750091
Status: Inactive - Needs Evaluation

Lower Elevation	Address	Direction / Distance	Map ID	Page
TODD SHIPYARD Facility Id: 80000024 Status: Inactive - Needs Evaluation	***710 FRONT***	***NNW 1/4 - 1/2 (0.339 mi.)***	***I52***	***119***
TERMINAL ISL BAR BAL Facility Id: 80000484 Status: Inactive - Needs Evaluation		ESE 1/2 - 1 (0.794 mi.)	J61	162
SOUTHWEST MARINE SAN Facility Id: 60000999 Status: Active	***985 SOUTH SEASIDE***	***SE 1/2 - 1 (0.826 mi.)***	***64***	***166***
KINDER MORGAN LIQUID Facility Id: 71002122 Status: Refer: Other Agency	***1900 WILMINGTON***	***NW 1/2 - 1 (0.857 mi.)***	***65***	***209***
KINDER MORGAN - GAFF Facility Id: 60000353 Status: Certified	***1313/1363 N GAFFEY S***	***NW 1/2 - 1 (0.983 mi.)***	***67***	***213***

State and tribal leaking storage tank lists

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

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

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LA UNI SCH DIST, HAR Database: LUST, Date of Government Version: 09/08/2020 Status: Completed - Case Closed Global Id: T0603715990	***740 NORTH PACIFIC AV***	***NW 1/4 - 1/2 (0.400 mi.)***	***55***	***127***

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

Lower Elevation	Address	Direction / Distance	Map ID	Page
FORMER UNION OIL HAR Database: CPS-SLIC, Date of Government Version: 09/08/2020 Facility Status: Open - Assessment & Interim Remedial Action	***N/A FRONT STREET***	***NNW 1/4 - 1/2 (0.291 mi.)***	***I49***	***115***

Global Id: T10000003711

SAN PEDRO MARINE TER ***1510 SWINFORD ST*** ***NNE 1/4 - 1/2 (0.298 mi.)*** ***50*** ***116***
Database: CPS-SLIC, Date of Government Version: 09/08/2020
Facility Status: Open - Assessment & Interim Remedial Action
Global Id: SL0603707909

PORT OF LOS ANGELES ***100 REGAN*** ***NNE 1/4 - 1/2 (0.387 mi.)*** ***54*** ***126***
Database: SLIC REG 4, Date of Government Version: 11/17/2004
Database: CPS-SLIC, Date of Government Version: 09/08/2020
Facility Status: Open - Inactive
Facility Status: Inactive
Global Id: SLT4L8011872

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

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ICON INTERNATIONAL I	345 N BEACON ST	W 0 - 1/8 (0.017 mi.)	A7	25
Database: LOS ANGELES UST, Date of Government Version: 06/01/2019				
UNITED CAR & TRUCK R	111 N HARBOR BLVD	S 0 - 1/8 (0.113 mi.)	B25	76
Database: LOS ANGELES UST, Date of Government Version: 06/01/2019				
Not reported	275 W 1ST ST	SW 1/8 - 1/4 (0.223 mi.)	E41	98
Database: LOS ANGELES UST, Date of Government Version: 06/01/2019				

Lower Elevation	Address	Direction / Distance	Map ID	Page
Not reported	259 N HARBOR BLVD	SSE 0 - 1/8 (0.062 mi.)	B9	30
Database: LOS ANGELES UST, Date of Government Version: 06/01/2019				
Not reported	515 N BEACON ST	NNW 0 - 1/8 (0.077 mi.)	C13	32
Database: LOS ANGELES UST, Date of Government Version: 06/01/2019				
Not reported	515 N HARBOR BLVD	N 0 - 1/8 (0.111 mi.)	C21	74
Database: LOS ANGELES UST, Date of Government Version: 06/01/2019				
Not reported	132 S HARBOR BLVD	S 1/8 - 1/4 (0.192 mi.)	D33	86
Database: LOS ANGELES UST, Date of Government Version: 06/01/2019				
Not reported	238 S HARBOR BLVD	S 1/8 - 1/4 (0.221 mi.)	H37	91
Database: LOS ANGELES UST, Date of Government Version: 06/01/2019				
L.A. CRUISE SHIP TER	BERTH 93	NNE 1/8 - 1/4 (0.223 mi.)	G38	92
Database: UST, Date of Government Version: 09/08/2020				
Database: LOS ANGELES UST, Date of Government Version: 06/01/2019				
Not reported	660 N HARBOR BLVD	N 1/8 - 1/4 (0.224 mi.)	F43	100
Database: LOS ANGELES UST, Date of Government Version: 06/01/2019				

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

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

Lower Elevation	Address	Direction / Distance	Map ID	Page
CATALINA CHANNEL EXP	***BERTH 95***	***NNE 1/8 - 1/4 (0.232 mi.)***	***G46***	***106***

Database: LOS ANGELES AST, Date of Government Version: 06/01/2019

State and tribal voluntary cleanup sites

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

A review of the VCP list, as provided by EDR, and dated 10/26/2020 has revealed that there is 1 VCP site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
EDISON/SAN PEDRO MGP	***SANTA CRUZ ST. CENTR***	***S 0 - 1/8 (0.108 mi.)***	***B20***	***71***

Status: No Further Action
Facility Id: 19490232

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Hazardous waste / Contaminated Sites

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

A review of the CERS HAZ WASTE list, as provided by EDR, and dated 10/19/2020 has revealed that there are 3 CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
COAST DIVING SERVICE	***305 N BEACON ST***	***SW 0 - 1/8 (0.024 mi.)***	***A8***	***26***

Lower Elevation	Address	Direction / Distance	Map ID	Page
WEST MARINE #13	203 N HARBOR BLVD	S 0 - 1/8 (0.080 mi.)	B18	68
CATALINA CHANNEL EXP	***BERTH 95***	***NNE 1/8 - 1/4 (0.232 mi.)***	***G46***	***106***

Local Lists of Registered Storage Tanks

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

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

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LOS ANGELES MARINE H Status: A Tank Status: A Comp Number: 2541	***345 N BEACON ST***	***W 0 - 1/8 (0.017 mi.)***	***A6***	***24***

Lower Elevation	Address	Direction / Distance	Map ID	Page
LOUISIANA-PACIFIC CO Comp Number: 3108	***515 N BEACON ST***	***NNW 0 - 1/8 (0.077 mi.)***	***C12***	***31***
TOM ANAST Comp Number: 4763	***100 W 1ST ST***	***S 1/8 - 1/4 (0.146 mi.)***	***D28***	***80***

HIST UST: Historical UST Registered Database.

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

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LOS ANGELES MARINE H	***345 N BEACON ST***	***W 0 - 1/8 (0.017 mi.)***	***A6***	***24***

Lower Elevation	Address	Direction / Distance	Map ID	Page
LOUISIANA-PACIFIC CO Facility Id: 00000050537	515 N BEACON ST	NNW 0 - 1/8 (0.077 mi.)	C11	31
LOUISIANA-PACIFIC CO Facility Id: 00000055861	515 N BEACON ST	NNW 0 - 1/8 (0.077 mi.)	C14	32
1X CAL TRANS	***515 N BEACON ST***	***NNW 0 - 1/8 (0.077 mi.)***	***C15***	***33***

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

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LOS ANGELES MARINE H Facility Id: 19012021 Status: A	***345 N BEACON ST***	***W 0 - 1/8 (0.017 mi.)***	***A6***	***24***

Lower Elevation	Address	Direction / Distance	Map ID	Page
LOUISIANA-PACIFIC CO	***515 N BEACON ST***	***NNW 0 - 1/8 (0.077 mi.)***	***C12***	***31***

Facility Id: 19026799 Status: I				
TOM ANAST Facility Id: 19007866 Status: I	***100 W 1ST ST***	***S 1/8 - 1/4 (0.146 mi.)***	***D28***	***80***

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

A review of the CERS TANKS list, as provided by EDR, and dated 10/19/2020 has revealed that there is 1 CERS TANKS site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
CATALINA CHANNEL EXP	***BERTH 95***	***NNE 1/8 - 1/4 (0.232 mi.)***	***G46***	***106***

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 12/14/2020 has revealed that there are 5 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DIMAX EXPRESS EPA ID:: CAC003049283	661 N HARBOR BLVD	NNW 1/8 - 1/4 (0.213 mi.)	F35	87
CITY OF LA/HOUSING A EPA ID:: CAD981687353	275 W 1ST ST	SW 1/8 - 1/4 (0.223 mi.)	E42	98

Lower Elevation	Address	Direction / Distance	Map ID	Page
WEST MARINE EPA ID:: CAL000287922	203 N HARBOR BLVD	S 0 - 1/8 (0.080 mi.)	B17	65
PACIFIC BATTLESHIP C EPA ID:: CAL000429063	250 S HARBOR BLVD	S 1/8 - 1/4 (0.224 mi.)	H44	101
PACIFIC HARBOR LINE	E REGAN ST & HARBOR	N 1/8 - 1/4 (0.230 mi.)	F45	103

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 09/29/2020 has revealed that there are 2 FUDS sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
TERINALM IS BAR BALL		ESE 1/2 - 1 (0.792 mi.)	J60	162
TODD SHIPYARD		NE 1/2 - 1 (0.807 mi.)	K62	163

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

A review of the Cortese list, as provided by EDR, and dated 06/22/2020 has revealed that there is 1 Cortese site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
LA UNI SCH DIST, HAR	***740 NORTH PACIFIC AV***	***NW 1/4 - 1/2 (0.400 mi.)***	***55***	***127***
Cleanup Status: COMPLETED - CASE CLOSED				

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [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 2 HIST CORTESE sites within approximately 0.5 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
LOS ANGELES HARBOR B	HARBOR BLVD	S 1/8 - 1/4 (0.169 mi.)	D32	86
Reg Id: 19490187				
TODD SHIPYARD	***710 FRONT***	***NNW 1/4 - 1/2 (0.339 mi.)***	***I52***	***119***
Reg Id: 907310289				

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 12/07/2020 has revealed that there are 2 Notify 65 sites within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
TODD PACIFIC SHIPYAR	***710 N FRONT ST***	***NNW 1/4 - 1/2 (0.339 mi.)***	***I53***	***121***
UNOCAL SAN PEDRO MAR	***MAIN CHANNEL***	***NE 1/2 - 1 (0.813 mi.)***	***K63***	***164***

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: 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.

A review of the EDR MGP list, as provided by EDR, has revealed that there is 1 EDR MGP site within

approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
EDISON/SAN PEDRO MGP	SANTA CRUZ, CENTRE A	SW 1/8 - 1/4 (0.193 mi.)	E34	86

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

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 2 EDR Hist Auto sites within approximately 0.125 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
SIGNAL OIL STATION	259 N HARBOR BLVD	SSE 0 - 1/8 (0.062 mi.)	B10	30
LEWIN ED THRIFTY SER	525 N HARBOR BLVD	N 0 - 1/8 (0.113 mi.)	C23	74

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 is 1 EDR Hist Cleaner site within approximately 0.125 miles of the target property.

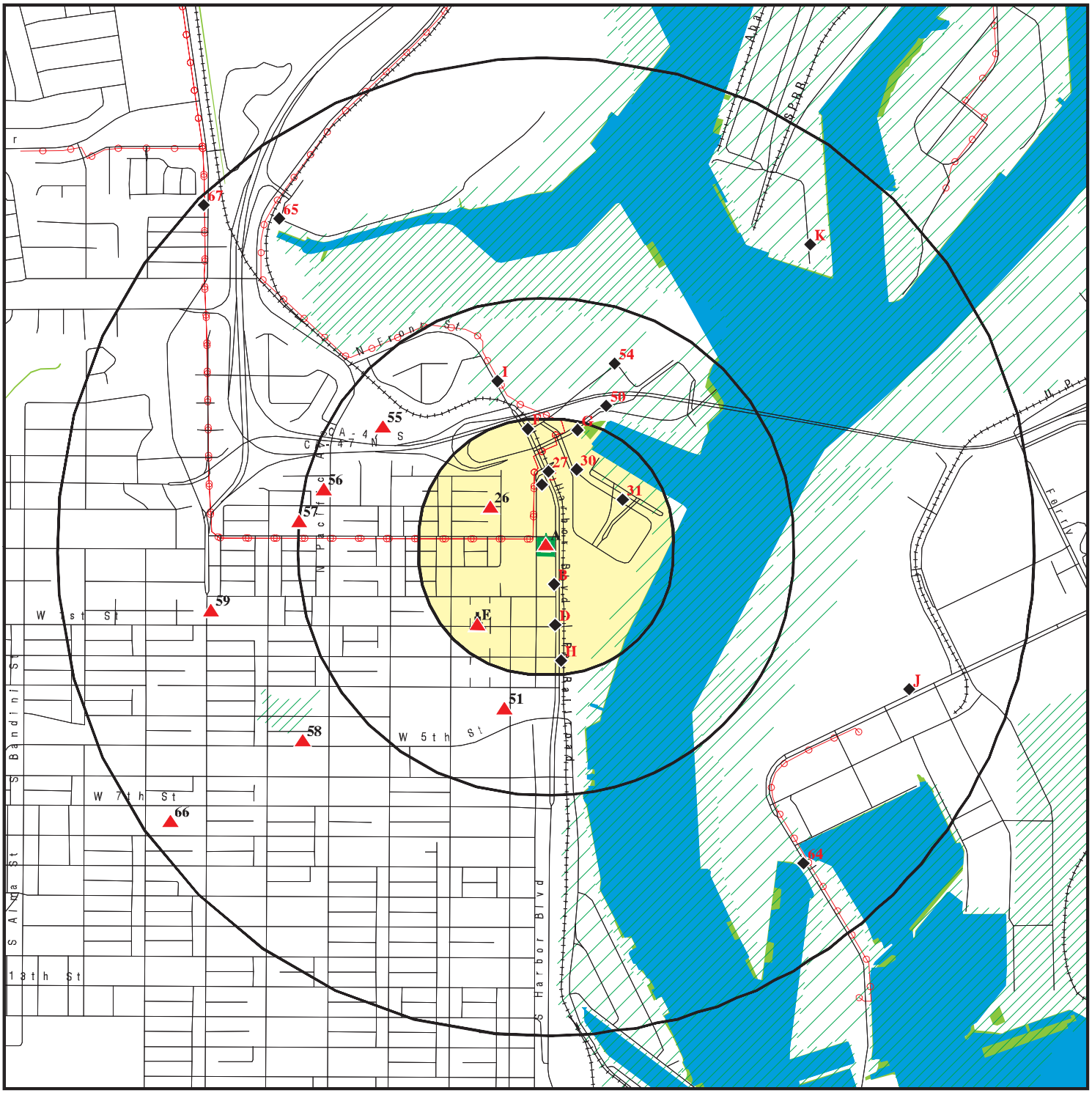
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HIS & ERS CLEANERS	221 W OLIVER ST	NW 0 - 1/8 (0.121 mi.)	26	77

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 8 records.

Site Name	Database(s)
LONG BEACH NAVAL SHIPYARD	CORRACTS, RCRA-TSDF, RCRA-LQG, 2020 COR ACTION, PADS CDL
UNOCAL #0692 MARINE FACILITY	LUST, Cortese
FORT MACARTHUR	SEMS-ARCHIVE
ACTA SOUTH - PCH GRADE SEPARATION	CPS-SLIC
ACTA PARCEL PCH-1542	CPS-SLIC
ACTA SOUTH - MAINTENANCE YARD	CPS-SLIC
UNION OIL CO OF CA LA MARINE TERMI	ENVIROSTOR

OVERVIEW MAP - 6366025.2S



0 1/4 1/2 1 Miles

Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

Areas of Concern

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

SITE NAME: 319- 327 N Harbor Blvd	CLIENT: Partner Engineering and Science, Inc.
ADDRESS: 319- 327 N Harbor Blvd SAN PEDRO CA 90731	CONTACT: Alan DE Los Santos
LAT/LONG: 33.745771 / 118.280069	INQUIRY #: 6366025.2s DATE: February 12, 2021 2:24 pm

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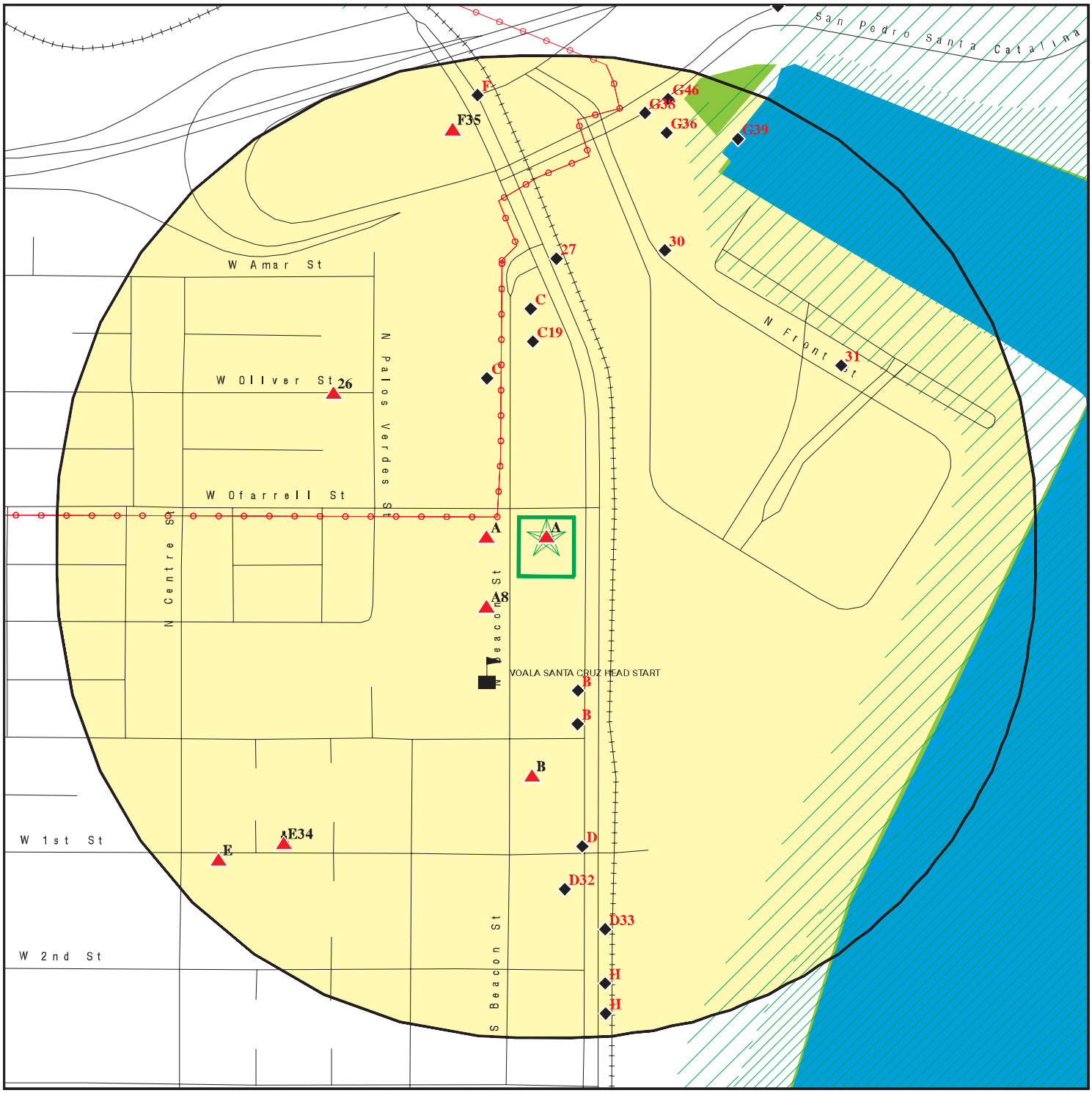
DETAIL MAP - 6366025.2S



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

Power transmission lines

Special Flood Hazard Area (1%)

0.2% Annual Chance Flood Hazard

National Wetland Inventory

State Wetlands

Areas of Concern

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

SITE NAME:	319- 327 N Harbor Blvd	CLIENT:	Partner Engineering and Science, Inc.
ADDRESS:	319- 327 N Harbor Blvd SAN PEDRO CA 90731	CONTACT:	Alan DE Los Santos
		INQUIRY #:	6366025.2s
LAT/LONG:	33.745771 / 118.280069	DATE:	February 12, 2021 2:27 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	1.000		0	0	0	0	NR	0
Federal Delisted NPL site list								
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Federal CERCLIS NFRAP site list								
SEMS-ARCHIVE	0.500		0	0	1	NR	NR	1
Federal RCRA CORRACTS facilities list								
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-CORRACTS TSD facilities list								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generators list								
RCRA-LQG	0.250		0	1	NR	NR	NR	1
RCRA-SQG	0.250	1	0	6	NR	NR	NR	7
RCRA-VSQG	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 CONTROLS	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	0	2	NR	2
State- and tribal - equivalent CERCLIS								
ENVIROSTOR	1.000		1	0	4	7	NR	12
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		0	0	1	NR	NR	1

MAP FINDINGS SUMMARY

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

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	TP		NR	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
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		1	4	NR	NR	NR	5
FUDS	1.000		0	0	0	2	NR	2
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP	1	NR	NR	NR	NR	NR	1
ECHO	TP	1	NR	NR	NR	NR	NR	1
UXO	1.000		0	0	0	0	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	0	NR	0
Cortese	0.500		0	0	1	NR	NR	1
CUPA Listings	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	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		0	1	1	NR	NR	2
LOS ANGELES CO. HMS	TP		NR	NR	NR	NR	NR	0
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	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	1	1	NR	2
LA Co. Site Mitigation	TP	2	NR	NR	NR	NR	NR	2
UIC	TP		NR	NR	NR	NR	NR	0
UIC GEO	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
PROJECT	TP		NR	NR	NR	NR	NR	0
WDR	TP		NR	NR	NR	NR	NR	0
CIWQS	TP		NR	NR	NR	NR	NR	0
CERS	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
SAMPLING POINT	TP		NR	NR	NR	NR	NR	0
WELL STIM PROJ	TP		NR	NR	NR	NR	NR	0
LOS ANGELES CO LF METHANE	0.500		0	0	0	NR	NR	0
HWTS	TP	3	NR	NR	NR	NR	NR	3
MINES MRDS	TP		NR	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	1	0	0	NR	1
EDR Hist Auto	0.125		2	NR	NR	NR	NR	2
EDR Hist Cleaner	0.125		1	NR	NR	NR	NR	1
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	TP		NR	NR	NR	NR	NR	0
RGA LUST	TP		NR	NR	NR	NR	NR	0
- Totals --		9	21	23	12	12	0	77

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 Target Property — **ARCO BATTERY CO**, **327 NO HARBOR BLVD**, **SAN PEDRO, CA 90731** — **HWTS** — **S124773724**, **N/A**

Site 1 of 8 in cluster A

Actual: 21 ft.

HWTS:

Name:	ARCO BATTERY CO
Address:	327 NO HARBOR BLVD
Address 2:	Not reported
City,State,Zip:	SAN PEDRO, CA 907310000
EPA ID:	CAL000037938
Inactive Date:	01/01/1900
Create Date:	09/17/1990
Last Act Date:	07/12/1995
Mailing Name:	Not reported
Mailing Address:	327 NO HARBOR BLVD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN PEDRO, CA 907310000
Owner Name:	STEWART GREGORY
Owner Address:	--
Owner Address 2:	Not reported
Owner City,State,Zip:	--, 99 --
Contact Name:	DEACT PER 95 FEE FORM -P.H.
Contact Address:	6-26-95
Contact Address 2:	Not reported
City,State,Zip:	--, 99 --

A2 Target Property — **FORMER ARCO BATTERY MFG**, **319-327 N HARBOR BLVD**, **SAN PEDRO, CA 90733** — **LA Co. Site Mitigation** — **S118565010**, **N/A**

Site 2 of 8 in cluster A

Actual: 21 ft.

LA Co. Site Mitigation:

Name:	FORMER ARCO BATTERY MFG
Address:	319-327 N HARBOR BLVD
City,State,Zip:	SAN PEDRO, CA 90733
Facility ID:	Not reported
Status:	Not reported
Site ID:	SD0000194
Jurisdiction:	Not reported
Case ID:	RO0000198
Abated:	Yes
Assigned To:	Richard Clark
Entered Date:	Not reported
Abated Date:	07/17/2008

A3 Target Property — **1X ARCO BATTERY**, **327 N HARBOR BLVD**, **SAN PEDRO, CA 90731** — **HWTS** — **S124535470**, **N/A**

Site 3 of 8 in cluster A

Actual: 21 ft.

HWTS:

Name:	1X ARCO BATTERY
Address:	327 N HARBOR BLVD
Address 2:	Not reported

1X ARCO BATTERY (Continued) **S124535470**

City,State,Zip:	SAN PEDRO, CA 907310000
EPA ID:	CAC000625160
Inactive Date:	10/25/2000
Create Date:	08/14/1991
Last Act Date:	10/25/2000
Mailing Name:	Not reported
Mailing Address:	327 N HARBOR BLVD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN PEDRO, CA 907310000
Owner Name:	GREG STEWART
Owner Address:	--
Owner Address 2:	Not reported
Owner City,State,Zip:	--, 99 --
Contact Name:	JUNO, ED/MGR
Contact Address:	EX 11-19-91
Contact Address 2:	Not reported
City,State,Zip:	--, 99 --

A4 Target Property **ARCO BATTERY MFG CO** **RCRA-SQG** **1000324159**
327 N HARBOR BLVD **FINDS** **CAD009525692**
SAN PEDRO, CA 90731 **ECHO**

Site 4 of 8 in cluster A

Actual: 21 ft.

RCRA-SQG:

Date Form Received by Agency:	1996-09-01 00:00:00.0
Handler Name:	ARCO BATTERY MFG CO
Handler Address:	327 N HARBOR BLVD
Handler City,State,Zip:	SAN PEDRO, CA 90731
EPA ID:	CAD009525692
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	4
Mailing Address:	N HARBOR BLVD
Mailing City,State,Zip:	SAN PEDRO, CA 90731
Owner Name:	RUHL RON ARCO BATTERY MFG CORPORATION
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No

ARCO BATTERY MFG CO (Continued) **1000324159**

Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2000-09-15 17:29:13.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported

ARCO BATTERY MFG CO (Continued) **1000324159**

Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: RUHL RON ARCO BATTERY MFG CORPORATION
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

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

List of NAICS Codes and Descriptions:
NAICS Code: 335911
NAICS Description: STORAGE BATTERY MANUFACTURING

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002636782

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and

ARCO BATTERY MFG CO (Continued) **1000324159**

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:	1000324159
Registry ID:	110002636782
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002636782
Name:	ARCO BATTERY MFG CO
Address:	327 N HARBOR BLVD
City,State,Zip:	SAN PEDRO, CA 90731

A5 Target Property | **ARCO BATTERY** | **HAZNET** | **S112966051**
327 N HARBOR BLVD | **HAZMAT** | **N/A**
SAN PEDRO, CA 90731 | **LA Co. Site Mitigation**
HWTS

Site 5 of 8 in cluster A

Actual: 21 ft.

HAZNET:

Name:	327 N HARBOR BLVD LLC
Address:	327 N HARBOR BLVD
Address 2:	Not reported
City,State,Zip:	SAN PEDRO, CA 907312242
Contact:	BILL ASHAI
Telephone:	3108934594
Mailing Name:	Not reported
Mailing Address:	21515 HAWTHORNE BLVD STE 960
Year:	2008
Gepaid:	CAC002623940
TSD EPA ID:	CAD980675276
CA Waste Code:	611 - Contaminated soil from site clean-up
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	594.72
Year:	2007
Gepaid:	CAC002623940
TSD EPA ID:	CAD980675276
CA Waste Code:	611 - Contaminated soil from site clean-up
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	595.61

Additional Info:

Year:	2008
Gen EPA ID:	CAC002623940
Shipment Date:	20080325
Creation Date:	5/29/2008 18:30:08
Receipt Date:	20080325
Manifest ID:	001730863FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported

ARCO BATTERY (Continued) **S112966051**

TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	D008
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	21.24
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080325
Creation Date:	5/29/2008 18:30:08
Receipt Date:	20080325
Manifest ID:	001730860FLE
Trans EPA ID:	CAR000181560
Trans Name:	REMIDAL TRANSPORTATION SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	D008
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	21.24
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080325
Creation Date:	5/29/2008 18:30:08
Receipt Date:	20080325
Manifest ID:	001730861FLE
Trans EPA ID:	CAL000307749
Trans Name:	DURAN TRUKING
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	D008
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As

ARCO BATTERY (Continued) **S112966051**

	Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	21.24
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080325
Creation Date:	5/29/2008 18:30:08
Receipt Date:	20080325
Manifest ID:	001730862FLE
Trans EPA ID:	CAL000307958
Trans Name:	AMERICAN WEST T
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	D008
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	21.24
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080325
Creation Date:	5/29/2008 18:30:08
Receipt Date:	20080325
Manifest ID:	001730858FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	D008
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	21.24
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

ARCO BATTERY (Continued) **S112966051**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080325
Creation Date:	5/29/2008 18:30:08
Receipt Date:	20080325
Manifest ID:	001730857FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	D008
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	21.24
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080325
Creation Date:	5/29/2008 18:30:08
Receipt Date:	20080325
Manifest ID:	001730859FLE
Trans EPA ID:	CAR000181560
Trans Name:	REMEDIAL TRANSPORTATION SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	D008
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	21.24
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080324
Creation Date:	5/29/2008 18:30:08
Receipt Date:	20080324
Manifest ID:	001713111FLE

ARCO BATTERY (Continued) **S112966051**

Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS ENVIRONMENTAL SERVICES INC
Trans 2 EPA ID:	CAR000181560
Trans 2 Name:	REMEDIAL TRANSPORTATION SERVICES
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	D008
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	21.24
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080324
Creation Date:	5/29/2008 18:30:08
Receipt Date:	20080324
Manifest ID:	001713113FLE
Trans EPA ID:	CAR000181560
Trans Name:	REMEDIAL TRANSPORTATION SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	D008
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	21.24
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080324
Creation Date:	5/29/2008 18:30:08
Receipt Date:	20080324
Manifest ID:	001713108FLE
Trans EPA ID:	CAR000181560
Trans Name:	REMEDIAL TRANSPORTATION SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported

ARCO BATTERY (Continued) **S112966051**

TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	D008
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	21.24
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2007
Gen EPA ID:	CAC002623940
Shipment Date:	20071231
Creation Date:	3/8/2008 18:30:20
Receipt Date:	20071231
Manifest ID:	001822453FLE
Trans EPA ID:	Not reported
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	D008
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	21.24
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071231
Creation Date:	3/8/2008 18:30:20
Receipt Date:	20071231
Manifest ID:	001822452FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	D008

ARCO BATTERY (Continued) **S112966051**

Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	21.24
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071231
Creation Date:	3/8/2008 18:30:20
Receipt Date:	20071231
Manifest ID:	001822451FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	D008
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	21.24
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071231
Creation Date:	3/8/2008 18:30:20
Receipt Date:	20071231
Manifest ID:	001822450FLE
Trans EPA ID:	CAD982513632
Trans Name:	DENBESTE TRANSPORTATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	D008
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	21.24
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported

ARCO BATTERY (Continued) **S112966051**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071231
Creation Date:	3/11/2008 18:30:10
Receipt Date:	20080102
Manifest ID:	001822455FLE
Trans EPA ID:	MAD039322250
Trans Name:	CLEAN HARBORS INC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	D008
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	14.16
Waste Quantity:	12
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071231
Creation Date:	3/8/2008 18:30:20
Receipt Date:	20071231
Manifest ID:	001822448FLE
Trans EPA ID:	CAD982513632
Trans Name:	DENBESTE TRANSPORTATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	D008
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	21.24
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071231
Creation Date:	3/8/2008 18:30:20
Receipt Date:	20071231

ARCO BATTERY (Continued) **S112966051**

Manifest ID:	001822447FLE
Trans EPA ID:	CAD982513632
Trans Name:	DENBESTE TRANSPORTION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	D008
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	21.24
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071231
Creation Date:	3/8/2008 18:30:20
Receipt Date:	20071231
Manifest ID:	001822446FLE
Trans EPA ID:	CAD982513632
Trans Name:	DENBESTE TRANS
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	D008
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	21.24
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071231
Creation Date:	3/8/2008 18:30:20
Receipt Date:	20071231
Manifest ID:	001822445FLE
Trans EPA ID:	CAD982513632
Trans Name:	DENBESTE TRANSPORTATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC

ARCO BATTERY (Continued) **S112966051**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	D008
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	21.24
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20071231
Creation Date:	3/8/2008 18:30:20
Receipt Date:	20071231
Manifest ID:	001822449FLE
Trans EPA ID:	CAD982513632
Trans Name:	DENBESTE TRANSPORTATION
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980675276
Trans Name:	CLEAN HARBORS BUTTONWILLOW LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	611 - Contaminated soil from site clean-ups
RCRA Code:	D008
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	21.24
Waste Quantity:	18
Quantity Unit:	Y
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

LOS ANGELES HM:

Name:	ARCO BATTERY CO
Address:	327 N HARBOR BLVD
City,State,Zip:	SAN PEDRO, CA 90731
Facility ID:	FA0019527
Last Run Date:	06/01/2019
Status:	INACTIVE

LA Co. Site Mitigation:

Name:	ARCO BATTERY
Address:	327 N HARBOR BLVD
City,State,Zip:	SAN PEDRO, CA 90731
Facility ID:	FA0013235
Status:	Not reported
Site ID:	SD0010412
Jurisdiction:	Not reported

ARCO BATTERY (Continued) **S112966051**

Case ID: RO0010412
Abated: Yes
Assigned To: LR
Entered Date: Not reported
Abated Date: 01/27/1995

HWTS:

Name:	ARCO BATTERY
Address:	327 N HARBOR BLVD
Address 2:	Not reported
City,State,Zip:	SAN PEDRO, CA 907310000
EPA ID:	CAD009525692
Inactive Date:	06/30/2007
Create Date:	07/23/1982
Last Act Date:	10/15/2007
Mailing Name:	Not reported
Mailing Address:	327 N HARBOR BLVD
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN PEDRO, CA 907312242
Owner Name:	GREGORY STEWART
Owner Address:	327 N HARBOR BLVD
Owner Address 2:	Not reported
Owner City,State,Zip:	SAN PEDRO, CA 907312242
Contact Name:	GREGORY STEWART
Contact Address:	PO BOX 1185
Contact Address 2:	Not reported
City,State,Zip:	SAN PEDRO, CA 907332242

NAICS:

EPA ID:	CAD009525692
Create Date:	2002-03-14 16:36:26.000
NAICS Code:	335911
NAICS Description:	Storage Battery Manufacturing
Issued EPA ID Date:	1982-07-23 00:00:00
Inactive Date:	2007-06-30 09:15:34.99700
Facility Name:	ARCO BATTERY
Facility Address:	327 N HARBOR BLVD
Facility Address 2:	Not reported
Facility City:	SAN PEDRO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	907310000

Name:	327 N HARBOR BLVD LLC
Address:	327 N HARBOR BLVD
Address 2:	Not reported
City,State,Zip:	SAN PEDRO, CA 907312242
EPA ID:	CAC002623940
Inactive Date:	05/13/2008
Create Date:	11/14/2007
Last Act Date:	06/11/2008
Mailing Name:	Not reported
Mailing Address:	21515 HAWTHORNE BLVD STE 960
Mailing Address 2:	Not reported
Mailing City,State,Zip:	TORRANCE, CA 90503
Owner Name:	327 N HARBOR BLVD LLC

ARCO BATTERY (Continued) **S112966051**

Owner Address:	21515 HAWTHORNE BLVD STE 960
Owner Address 2:	Not reported
Owner City,State,Zip:	TORRANCE, CA 90503
Contact Name:	BILL ASHAI
Contact Address:	21515 HAWTHORNE BLVD STE 960
Contact Address 2:	Not reported
City,State,Zip:	TORRANCE, CA 90503

A6
West
< 1/8
0.017 mi.
92 ft.

LOS ANGELES MARINE HARDWARE
345 N BEACON ST
SAN PEDRO, CA 90731

SWEEPS UST
HIST UST
CA FID UST
HAZMAT

S101584493
N/A

Site 6 of 8 in cluster A

Relative:
Higher

Actual:
32 ft.

SWEEPS UST:

Name:	LOS ANGELES MARINE HARDWARE
Address:	345 N BEACON ST
City:	SAN PEDRO
Status:	Active
Comp Number:	2541
Number:	1
Board Of Equalization:	44-012401
Referral Date:	03-04-93
Action Date:	03-04-93
Created Date:	02-29-88
Owner Tank Id:	Not reported
SWRCB Tank Id:	19-050-002541-000001
Tank Status:	A
Capacity:	5000
Active Date:	04-20-88
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	1

HIST UST:

Name:	MARINE HARDWARE CO
Address:	345 N BEACON ST
City,State,Zip:	NONE, CA 90731
File Number:	00027A23
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00027A23.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

LOS ANGELES MARINE HARDWARE (Continued) **S101584493**

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: 19012021
Regulated By: UTNKA
Regulated ID: 00047283
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2138319261
Mail To: Not reported
Mailing Address: 345 N BEACON ST
Mailing Address 2: Not reported
Mailing City,St,Zip: SAN PEDRO 907310000
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

LOS ANGELES HM:
Name: ICON INTERNATIONAL INC.
Address: 345 N BEACON ST
City,State,Zip: SAN PEDRO, CA 90731
Facility ID: FA0002630
Last Run Date: 06/01/2019
Status: INACTIVE

A7 **ICON INTERNATIONAL INC.** **UST** **U004305564**
West **345 N BEACON ST** **N/A**
< 1/8 **SAN PEDRO, CA 90731**
0.017 mi.
92 ft. **Site 7 of 8 in cluster A**

Relative:
Higher

Actual:
32 ft.

LOS ANGELES UST:
Name: ICON INTERNATIONAL INC.
Address: 345 N BEACON ST
City,State,Zip: SAN PEDRO, CA 90731
Facility ID: FA0002630
Last Run Date: 06/03/2019
Status: INACTIVE

A8 SW < 1/8 0.024 mi. 126 ft. | **COAST DIVING SERVICES**
305 N BEACON ST
SAN PEDRO, CA 90731 | **CERS HAZ WASTE**
HAZNET
HWTS | **S112938822**
N/A

Site 8 of 8 in cluster A

Relative: Higher

Actual: 32 ft.

CERS HAZ WASTE:

Name:	COAST DIVING SERVICE INC.
Address:	305 N BEACON ST
City,State,Zip:	SAN PEDRO, CA 90731
Site ID:	20640
CERS ID:	10262866
CERS Description:	Hazardous Waste Generator

Violations:

Site ID:	20640
Site Name:	COAST DIVING SERVICE INC.
Violation Date:	10-12-2018
Citation:	HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)
Violation Description:	Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes:	Returned to compliance on 10/18/2018. OBSERVATION: Observed one 55-gallon drum of used oil accumulating for more than 180 days and a manifest/receipt demonstrating disposal within the past 180 days was not available. CORRECTIVE ACTION: Dispose of the used oil and submit a copy of the manifest/receipt to the CUPA.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS

Site ID:	20640
Site Name:	COAST DIVING SERVICE INC.
Violation Date:	10-12-2018
Citation:	22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description:	Failure to keep a copy of each properly signed manifest for at least three years from the date the waste was accepted by the initial transporter. The manifest signed at the time the waste was accepted for transport shall be kept until receiving a signed copy from the designated facility which received the waste.
Violation Notes:	Returned to compliance on 10/18/2018. OBSERVATION: Uniform Hazardous Waste Manifests for used oil were not available at the time of inspection. CORRECTIVE ACTION: Locate a copy of all manifests for used oil and submit copies to the CUPA.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS

Site ID:	20640
Site Name:	COAST DIVING SERVICE INC.
Violation Date:	10-12-2018
Citation:	HSC 6.5 25250.22 - California Health and Safety Code, Chapter 6.5,

COAST DIVING SERVICES (Continued) **S112938822**

	Section(s) 25250.22
Violation Description:	Failure to properly manage used oil and/or fuel filters in accordance with the requirements.
Violation Notes:	Returned to compliance on 10/18/2018. OBSERVATION: Bills of lading for used oil and fuel filters were not available at the time of inspection. CORRECTIVE ACTION: Obtain copies of all bills of lading for used oil and fuel filters for the past three years and submit copies to the CUPA.
Violation Division:	Los Angeles County Fire Department
Violation Program:	HW
Violation Source:	CERS

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	08-14-2015
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Cheryl Ferreira, Office Manager. No significant violations observed at the time of inspection.
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	10-12-2018
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	David Walker, Owner
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS

Eval General Type:	Other/Unknown
Eval Date:	10-22-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS

Coordinates:

Site ID:	20640
Facility Name:	COAST DIVING SERVICE INC.
Env Int Type Code:	HWG
Program ID:	10262866
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	33.745220
Longitude:	-118.280780

Affiliation:

Affiliation Type Desc:	Parent Corporation
Entity Name:	COAST DIVING SERVICE INC.
Entity Title:	Not reported
Affiliation Address:	Not reported

COAST DIVING SERVICES (Continued) **S112938822**

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

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	PO BOX 1548
Affiliation City:	SAN PEDRO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90733
Affiliation Phone:	Not reported

Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles City Fire Department
Entity Title:	Not reported
Affiliation Address:	200 North Main Street, Room 1780
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90012
Affiliation Phone:	(213) 978-3680

HAZNET:

Name:	COAST DIVING SERVICES
Address:	305 N BEACON ST
Address 2:	Not reported
City,State,Zip:	SAN PEDRO, CA 90731
Contact:	CHERLY FERREIRA
Telephone:	3105470955
Mailing Name:	Not reported
Mailing Address:	305 N BEACON ST

Year:	2004
Gepaid:	CAC002579552
TSD EPA ID:	CAD028409019
CA Waste Code:	-
Disposal Method:	T01 - Treatment, Tank
Tons:	Not reported

Year:	2004
Gepaid:	CAC002579552
TSD EPA ID:	CAD028409019
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	-
Tons:	0.57

Additional Info:

Year:	2004
Gen EPA ID:	CAC002579552

COAST DIVING SERVICES (Continued) **S112938822**

Shipment Date:	20040708
Creation Date:	11/1/2004 12:36:11
Receipt Date:	20040708
Manifest ID:	22714790
Trans EPA ID:	CAD082699562
Trans Name:	NRC ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
TSDF Alt EPA ID:	CAD028409019
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.57
Waste Quantity:	150
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20040708
Creation Date:	11/1/2004 12:36:11
Receipt Date:	20040708
Manifest ID:	22714790
Trans EPA ID:	CAD082699562
Trans Name:	NRC ENVIRONMENTAL
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD028409019
Trans Name:	CROSBY & OVERTON
TSDF Alt EPA ID:	CAD028409019
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	T01 - Treatment, Tank
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	COAST DIVING SERVICES
Address:	305 N BEACON ST
Address 2:	Not reported
City,State,Zip:	SAN PEDRO, CA 90731
EPA ID:	CAC002579552
Inactive Date:	03/07/2005
Create Date:	07/07/2004
Last Act Date:	03/07/2005

COAST DIVING SERVICES (Continued) **S112938822**

Mailing Name:	Not reported
Mailing Address:	305 N BEACON ST
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN PEDRO, CA 90731
Owner Name:	COAST DIVING SERVICES
Owner Address:	305 N BEACON ST
Owner Address 2:	Not reported
Owner City,State,Zip:	SAN PEDRO, CA 90731
Contact Name:	CHERLY FERREIRA
Contact Address:	305 N BEACON ST
Contact Address 2:	Not reported
City,State,Zip:	SAN PEDRO, CA 90731

B9 **UST** **U004301560**
SSE **259 N HARBOR BLVD** **N/A**
< 1/8 **SAN PEDRO, CA**
0.062 mi.
326 ft. **Site 1 of 8 in cluster B**

Relative:
Lower

Actual:
20 ft.

LOS ANGELES UST:

Name:	Not reported
Address:	259 N HARBOR BLVD
City,State,Zip:	SAN PEDRO, CA
Facility ID:	Not reported
Last Run Date:	01/01/1900
Status:	HISTORICAL

B10 **SIGNAL OIL STATION** **EDR Hist Auto** **1008994970**
SSE **259 N HARBOR BLVD** **N/A**
< 1/8 **SAN PEDRO, CA 90731**
0.062 mi.
326 ft. **Site 2 of 8 in cluster B**

Relative:
Lower

Actual:
20 ft.

EDR Hist Auto

Year:	Name:	Type:
1959	SIGNAL OIL STATION	Not reported
1976	SAN PEDRO MUFFLER	Automotive Repair Shops, NEC
1977	SAN PEDRO MUFFLER	Automotive Repair Shops, NEC
1978	SAN PEDRO MUFFLER	Automotive Repair Shops, NEC
1979	SAN PEDRO MUFFLER	Automotive Repair Shops, NEC
1980	SAN PEDRO MUFFLER	Automotive Repair Shops, NEC
1982	SAN PEDRO MUFFLER	Automotive Repair Shops, NEC
1983	SAN PEDRO MUFFLER	Automotive Repair Shops, NEC
1985	SAN PEDRO MUFFLER	Automotive Repair Shops, NEC

C11 NNW < 1/8 0.077 mi. 407 ft. | **LOUISIANA-PACIFIC CORP.** | **HIST UST** | **U001565550**
515 N BEACON ST | **N/A**
SAN PEDRO, CA 90731

Site 1 of 9 in cluster C

Relative: Lower

Actual: 20 ft.

HIST UST:

Name:	LOUISIANA-PACIFIC CORP.
Address:	515 N BEACON ST
City,State,Zip:	SAN PEDRO, CA 90731
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000050537
Facility Type:	Other
Other Type:	Not reported
Contact Name:	JOE GOAR
Telephone:	2138310791
Owner Name:	LOUISANA-PACIFIC CORP.
Owner Address:	111 S.W. FIFTH AVE.
Owner City,St,Zip:	PORTLAND, OR 97204
Total Tanks:	0001
Tank Num:	001
Container Num:	1
Year Installed:	1959
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	None

C12 NNW < 1/8 0.077 mi. 407 ft. | **LOUISIANA-PACIFIC CORP YARD** | **SWEEPS UST** | **S101585638**
515 N BEACON ST | **CA FID UST** | **N/A**
SAN PEDRO, CA 90731

Site 2 of 9 in cluster C

Relative: Lower

Actual: 20 ft.

SWEEPS UST:

Name:	LOUISIANA-PACIFIC CORP YARD
Address:	515 N BEACON ST
City:	SAN PEDRO
Status:	Not reported
Comp Number:	3108
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:	19-050-003108-000001
Tank Status:	Not reported
Capacity:	1000
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	REG UNLEADED
Number Of Tanks:	1

LOUISIANA-PACIFIC CORP YARD (Continued) **S101585638**

CA FID UST:

Facility ID:	19026799
Regulated By:	UTNKI
Regulated ID:	00055861
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2138310791
Mail To:	Not reported
Mailing Address:	111 W 5TH AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SAN PEDRO 907310000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

C13 **UST** **U004303060**
NNW **515 N BEACON ST** **N/A**
< 1/8 **SAN PEDRO, CA**
0.077 mi.
407 ft. **Site 3 of 9 in cluster C**

Relative:
Lower

Actual:
20 ft.

LOS ANGELES UST:

Name:	Not reported
Address:	515 N BEACON ST
City,State,Zip:	SAN PEDRO, CA
Facility ID:	Not reported
Last Run Date:	01/01/1900
Status:	HISTORICAL

C14 **LOUISIANA-PACIFIC CORP. YARD 0** **HIST UST** **U001565551**
NNW **515 N BEACON ST** **N/A**
< 1/8 **SAN PEDRO, CA 90731**
0.077 mi.
407 ft. **Site 4 of 9 in cluster C**

Relative:
Lower

Actual:
20 ft.

HIST UST:

Name:	LOUISIANA-PACIFIC CORP. YARD 0
Address:	515 N BEACON ST
City,State,Zip:	SAN PEDRO, CA 90731
File Number:	Not reported
URL:	Not reported
Region:	STATE
Facility ID:	00000055861
Facility Type:	Other
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	2138310791
Owner Name:	LOUISIANA-PACIFIC CORPORATION
Owner Address:	111 S.W. FIFTH AVENUE
Owner City,St,Zip:	PORTLAND, OR 97204
Total Tanks:	0001

LOUISIANA-PACIFIC CORP. YARD 0 (Continued) **U001565551**

Tank Num:	001
Container Num:	01
Year Installed:	1959
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Visual, Stock Inventor

C15 NNW < 1/8 0.077 mi. 407 ft. **1X CAL TRANS 515 N BEACON ST SAN PEDRO, CA 90731** **HIST UST HAZNET HWTS** **S112848613 N/A**

Site 5 of 9 in cluster C

Relative: Lower

Actual: 20 ft.

HIST UST:

Name:	LOUISIANA-PACIFIC CORP YARD O
Address:	515 NO BEACON STREET
City,State,Zip:	SAN PEDRO, CA 90731
File Number:	00027918
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00027918.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported

Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

HAZNET:

Name:	1X CAL TRANS
Address:	515 N BEACON ST
Address 2:	Not reported
City,State,Zip:	SAN PEDRO, CA 907310000

1X CAL TRANS (Continued) **S112848613**

Contact:	JAMES DENNIS/ASSOC RIGHT OF WA
Telephone:	2138974380
Mailing Name:	Not reported
Mailing Address:	120 S SPRING ST
Year:	1993
Gepaid:	CAC000868592
TSD EPA ID:	CAD067786749
CA Waste Code:	151 - Asbestos containing waste
Disposal Method:	-
Tons:	0

Additional Info:

Year:	1993
Gen EPA ID:	CAC000868592
Shipment Date:	19930916
Creation Date:	9/12/1995 0:00:00
Receipt Date:	Not reported
Manifest ID:	90262642
Trans EPA ID:	CAL000027494
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD067786749
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	151 - Asbestos-containing waste
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0
Waste Quantity:	0
Quantity Unit:	Not reported
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

HWTS:

Name:	1X CAL TRANS
Address:	515 N BEACON ST
Address 2:	Not reported
City,State,Zip:	SAN PEDRO, CA 907310000
EPA ID:	CAC000868592
Inactive Date:	10/25/2000
Create Date:	06/14/1993
Last Act Date:	10/25/2000
Mailing Name:	Not reported
Mailing Address:	120 S SPRING ST
Mailing Address 2:	Not reported
Mailing City,State,Zip:	LOS ANGELES, CA 900120000
Owner Name:	CAL TRANS
Owner Address:	--

1X CAL TRANS (Continued) **S112848613**

Owner Address 2: Not reported
Owner City,State,Zip: --, 99 --
Contact Name: JAMES DENNIS/ASSOC RIGHT OF WA
Contact Address: EXTENDED FOR 90 DAYS FROM
Contact Address 2: Not reported
City,State,Zip: --, 99 --

B16 **WEST MARINE** **HAZNET** **S113465773**
South **203 N HARBOR BLVD** **HAZMAT** **N/A**
< 1/8 **SAN PEDRO, CA 90731** **HWTS**
0.080 mi.
422 ft. **Site 3 of 8 in cluster B**

Relative:
Lower

Actual:
20 ft.

HAZNET:
Name: WEST MARINE
Address: 203 N HARBOR BLVD
Address 2: Not reported
City,State,Zip: SAN PEDRO, CA 950760000
Contact: MARIA RIOS
Telephone: 8317614925
Mailing Name: Not reported
Mailing Address: 500 WESTRIDGE DR MS-G4

Year: 2019
Gepaid: CAL000287922
TSD EPA ID: NVT330010000
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.00050

Year: 2019
Gepaid: CAL000287922
TSD EPA ID: NVT330010000
CA Waste Code: 181 - Other inorganic solid waste
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.00550

Year: 2019
Gepaid: CAL000287922
TSD EPA ID: NVT330010000
CA Waste Code: 141 - Off-specification, aged or surplus inorganics
Disposal Method: H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.02950

Year: 2019
Gepaid: CAL000287922
TSD EPA ID: IDD073114654
CA Waste Code: 271 - Organic monomer waste (includes unreacted resins)
Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.00050

Year: 2019
Gepaid: CAL000287922
TSD EPA ID: IDD073114654

WEST MARINE (Continued) **S113465773**

CA Waste Code:	141 - Off-specification, aged or surplus inorganics
Disposal Method:	H110 -
Tons:	0.00300
Year:	2019
Gepaid:	CAL000287922
TSD EPA ID:	IDD073114654
CA Waste Code:	181 - Other inorganic solid waste
Disposal Method:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.00050
Year:	2019
Gepaid:	CAL000287922
TSD EPA ID:	NVT330010000
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.00900
Year:	2019
Gepaid:	CAL000287922
TSD EPA ID:	NVT330010000
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.03100
Year:	2019
Gepaid:	CAL000287922
TSD EPA ID:	NVT330010000
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.03800
Year:	2018
Gepaid:	CAL000287922
TSD EPA ID:	NVT330010000
CA Waste Code:	331 - Off-specification, aged or surplus organics
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.03400

Click this hyperlink while viewing on your computer to access
24 additional CA HAZNET: record(s) in the EDR Site Report.

Additional Info:

Year:	2016
Gen EPA ID:	CAL000287922
Shipment Date:	20151007
Creation Date:	5/24/2016 16:38:09
Receipt Date:	20151023
Manifest ID:	009104475JJK
Trans EPA ID:	MIK435642742

WEST MARINE (Continued) **S113465773**

Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	OKD000402396
Trans Name:	EQ OKLAHOMA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	121 - Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151007
Creation Date:	5/24/2016 16:38:09
Receipt Date:	20151023
Manifest ID:	009104475JJK
Trans EPA ID:	MIK435642742
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	OKD000402396
Trans Name:	EQ OKLAHOMA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	U159
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.016
Waste Quantity:	32
Quantity Unit:	P
Additional Code 1:	U154
Additional Code 2:	U002
Additional Code 3:	D004
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20151007
Creation Date:	5/24/2016 16:38:09
Receipt Date:	20151023
Manifest ID:	009104475JJK
Trans EPA ID:	MIK435642742
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	OKD000402396
Trans Name:	EQ OKLAHOMA INC

WEST MARINE (Continued) **S113465773**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0045
Waste Quantity:	9
Quantity Unit:	P
Additional Code 1:	D035
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151007
Creation Date:	5/24/2016 16:38:09
Receipt Date:	20151023
Manifest ID:	009104475JJK
Trans EPA ID:	MIK435642742
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	OKD000402396
Trans Name:	EQ OKLAHOMA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	U159
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.038
Waste Quantity:	76
Quantity Unit:	P
Additional Code 1:	U154
Additional Code 2:	U002
Additional Code 3:	D004
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20151007
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	009104475JJK
Trans EPA ID:	MIK435642742
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	OKD000402396
Trans Name:	EQ OKLAHOMA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D011
Meth Code:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Quantity Tons:	0.0015

WEST MARINE (Continued) **S113465773**

Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	D008
Additional Code 2:	D002
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151007
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	009104475JJK
Trans EPA ID:	MIK435642742
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	OKD000402396
Trans Name:	EQ OKLAHOMA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0205
Waste Quantity:	41
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151007
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	009104475JJK
Trans EPA ID:	MIK435642742
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	OKD000402396
Trans Name:	EQ OKLAHOMA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

WEST MARINE (Continued) **S113465773**

Shipment Date:	20151007
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	009104475JJK
Trans EPA ID:	MIK435642742
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	OKD000402396
Trans Name:	EQ OKLAHOMA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151007
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	009104475JJK
Trans EPA ID:	MIK435642742
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	OKD000402396
Trans Name:	EQ OKLAHOMA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0295
Waste Quantity:	59
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20151007
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	009104475JJK
Trans EPA ID:	MIK435642742
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS

WEST MARINE (Continued) **S113465773**

TSDF EPA ID:	OKD000402396
Trans Name:	EQ OKLAHOMA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2010
Gen EPA ID:	CAL000287922
Shipment Date:	20100927
Creation Date:	2/10/2011 18:30:08
Receipt Date:	20101005
Manifest ID:	007173721JJK
Trans EPA ID:	MI0000263871
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	OKD000402396
Trans Name:	EQ OKLAHOMA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100927
Creation Date:	2/10/2011 18:30:08
Receipt Date:	20101005
Manifest ID:	007173721JJK
Trans EPA ID:	MI0000263871
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	OKD000402396
Trans Name:	EQ OKLAHOMA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

WEST MARINE (Continued) **S113465773**

Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.0105
Waste Quantity:	21
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100927
Creation Date:	2/10/2011 18:30:08
Receipt Date:	20101005
Manifest ID:	007173721JJK
Trans EPA ID:	MI0000263871
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	OKD000402396
Trans Name:	EQ OKLAHOMA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D039
Meth Code:	- Not reported
Quantity Tons:	0.002
Waste Quantity:	4
Quantity Unit:	P
Additional Code 1:	D035
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100927
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007173721JJK
Trans EPA ID:	MI0000263871
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	OKD000402396
Trans Name:	EQ OKLAHOMA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	D003
Additional Code 2:	D001

WEST MARINE (Continued) **S113465773**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100927
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007173721JJK
Trans EPA ID:	MI0000263871
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	OKD000402396
Trans Name:	EQ OKLAHOMA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	271 - Organic monomer waste (includes unreacted resins
RCRA Code:	D035
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100927
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	007173721JJK
Trans EPA ID:	MI0000263871
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	OKD000402396
Trans Name:	EQ OKLAHOMA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	D005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	D003
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100927
Creation Date:	2/10/2011 18:30:08
Receipt Date:	20101005

WEST MARINE (Continued) **S113465773**

Manifest ID:	007173721JJK
Trans EPA ID:	MI0000263871
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	OKD000402396
Trans Name:	EQ OKLAHOMA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	U154
Meth Code:	- Not reported
Quantity Tons:	0.0105
Waste Quantity:	21
Quantity Unit:	P
Additional Code 1:	U154
Additional Code 2:	U022
Additional Code 3:	D004
Additional Code 4:	D001
Additional Code 5:	Not reported

Additional Info:

Year:	2011
Gen EPA ID:	CAL000287922
Shipment Date:	20110712
Creation Date:	5/30/2013 22:15:15
Receipt Date:	20110721
Manifest ID:	007761733JJK
Trans EPA ID:	MI0000263871
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	OKD000402396
Trans Name:	EQ OKLAHOMA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	D035
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110712
Creation Date:	5/30/2013 22:15:15
Receipt Date:	20110721
Manifest ID:	007761733JJK
Trans EPA ID:	MI0000263871
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	OKD981588791

WEST MARINE (Continued) **S113465773**

Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	OKD000402396
Trans Name:	EQ OKLAHOMA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	271 - Organic monomer waste (includes unreacted resins
RCRA Code:	D035
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110712
Creation Date:	5/30/2013 22:15:15
Receipt Date:	20110721
Manifest ID:	007761733JJK
Trans EPA ID:	MI0000263871
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	OKD000402396
Trans Name:	EQ OKLAHOMA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	U002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.003
Waste Quantity:	6
Quantity Unit:	P
Additional Code 1:	D006
Additional Code 2:	D005
Additional Code 3:	D004
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20110712
Creation Date:	5/30/2013 22:15:15
Receipt Date:	20110721
Manifest ID:	007761733JJK
Trans EPA ID:	MI0000263871
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	OKD000402396
Trans Name:	EQ OKLAHOMA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	U154

WEST MARINE (Continued) **S113465773**

Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0055
Waste Quantity:	11
Quantity Unit:	P
Additional Code 1:	U002
Additional Code 2:	D005
Additional Code 3:	D004
Additional Code 4:	D001
Additional Code 5:	Not reported

Additional Info:

Year:	2017
Gen EPA ID:	CAL000287922
Shipment Date:	20170816
Creation Date:	10/5/2018 18:30:23
Receipt Date:	20170830
Manifest ID:	017601261JJK
Trans EPA ID:	MIK435642742
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	ALR000007237
Trans 2 Name:	ACTION RESOURCES INC
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	D035
Additional Code 2:	D008
Additional Code 3:	D007
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20170816
Creation Date:	10/5/2018 18:30:23
Receipt Date:	20170830
Manifest ID:	017601261JJK
Trans EPA ID:	MIK435642742
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	ALR000007237
Trans 2 Name:	ACTION RESOURCES INC
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	U154
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0255

WEST MARINE (Continued) **S113465773**

Waste Quantity:	51
Quantity Unit:	P
Additional Code 1:	U002
Additional Code 2:	D018
Additional Code 3:	D004
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20170816
Creation Date:	10/5/2018 18:30:23
Receipt Date:	20170830
Manifest ID:	017601261JJK
Trans EPA ID:	MIK435642742
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	ALR000007237
Trans 2 Name:	ACTION RESOURCES INC
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D011
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.0055
Waste Quantity:	11
Quantity Unit:	P
Additional Code 1:	D008
Additional Code 2:	D002
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170816
Creation Date:	10/5/2018 18:30:23
Receipt Date:	20170830
Manifest ID:	017601261JJK
Trans EPA ID:	MIK435642742
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	ALR000007237
Trans 2 Name:	ACTION RESOURCES INC
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	121 - Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc
RCRA Code:	D002
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

WEST MARINE (Continued) **S113465773**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170816
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	017601261JJK
Trans EPA ID:	MIK435642742
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	ALR000007237
Trans 2 Name:	ACTION RESOURCES INC
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170816
Creation Date:	7/13/2018 18:30:08
Receipt Date:	20170921
Manifest ID:	017601263JJK
Trans EPA ID:	MIK435642742
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	ALR000007237
Trans 2 Name:	ACTION RESOURCES
TSDF EPA ID:	IDD073114654
Trans Name:	US ECOLOGY IDAHO INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.0035
Waste Quantity:	7
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170816
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	017601261JJK

WEST MARINE (Continued) **S113465773**

Trans EPA ID:	MIK435642742
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	ALR000007237
Trans 2 Name:	ACTION RESOURCES INC
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D009
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	D008
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170816
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	017601261JJK
Trans EPA ID:	MIK435642742
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	ALR000007237
Trans 2 Name:	ACTION RESOURCES INC
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170816
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	017601261JJK
Trans EPA ID:	MIK435642742
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	ALR000007237
Trans 2 Name:	ACTION RESOURCES INC
TSDF EPA ID:	NVT330010000
Trans Name:	US ECOLOGY INC
TSDF Alt EPA ID:	Not reported

WEST MARINE (Continued) **S113465773**

TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Quantity Tons:	0.0095
Waste Quantity:	19
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20170816
Creation Date:	10/1/2018 18:30:14
Receipt Date:	20170921
Manifest ID:	017601262JJK
Trans EPA ID:	MIK435642742
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	ALR000007237
Trans 2 Name:	ACTION RESOURCES
TSDF EPA ID:	IDD073114654
Trans Name:	US ECOLOGY IDAHO INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H132 - Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2014
Gen EPA ID:	CAL000287922
Shipment Date:	20141001
Creation Date:	3/6/2015 22:14:58
Receipt Date:	20141014
Manifest ID:	009104203JJK
Trans EPA ID:	MI0000263871
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	OKD000402396
Trans Name:	EQ OKLAHOMA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D039

WEST MARINE (Continued) **S113465773**

Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	D035
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141001
Creation Date:	3/6/2015 22:14:58
Receipt Date:	20141014
Manifest ID:	009104203JJK
Trans EPA ID:	MI0000263871
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	OKD000402396
Trans Name:	EQ OKLAHOMA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	U159
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	U154
Additional Code 2:	U002
Additional Code 3:	D004
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20141001
Creation Date:	3/6/2015 22:14:58
Receipt Date:	20141014
Manifest ID:	009104203JJK
Trans EPA ID:	MI0000263871
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	OKD000402396
Trans Name:	EQ OKLAHOMA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	D011
Meth Code:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	D008
Additional Code 2:	D002

WEST MARINE (Continued) **S113465773**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141001
Creation Date:	3/6/2015 22:14:58
Receipt Date:	20141014
Manifest ID:	009104203JJK
Trans EPA ID:	MI0000263871
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	OKD000402396
Trans Name:	EQ OKLAHOMA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	121 - Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141001
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	009104203JJK
Trans EPA ID:	MI0000263871
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	OKD000402396
Trans Name:	EQ OKLAHOMA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	D009
Meth Code:	H110 - Not reported
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	D008
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141001
Creation Date:	Not reported

WEST MARINE (Continued) **S113465773**

Receipt Date:	Not reported
Manifest ID:	009104203JJK
Trans EPA ID:	MI0000263871
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	OKD000402396
Trans Name:	EQ OKLAHOMA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141001
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	009104203JJK
Trans EPA ID:	MI0000263871
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	OKD000402396
Trans Name:	EQ OKLAHOMA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141001
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	009104203JJK
Trans EPA ID:	MI0000263871
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	OKD000402396

WEST MARINE (Continued) **S113465773**

Trans Name:	EQ OKLAHOMA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.002
Waste Quantity:	4
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141001
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	009104203JJK
Trans EPA ID:	MI0000263871
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	OKD000402396
Trans Name:	EQ OKLAHOMA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20141001
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	009104203JJK
Trans EPA ID:	MI0000263871
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	OKD000402396
Trans Name:	EQ OKLAHOMA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0015

WEST MARINE (Continued) **S113465773**

Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2015
Gen EPA ID:	CAL000287922
Shipment Date:	20151007
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	009104475JJK
Trans EPA ID:	MIK435642742
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	OKD000402396
Trans Name:	EQ OKLAHOMA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	792 - Not reported
RCRA Code:	D011
Meth Code:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	D008
Additional Code 2:	D002
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151007
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	009104475JJK
Trans EPA ID:	MIK435642742
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	OKD000402396
Trans Name:	EQ OKLAHOMA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	121 - Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10

WEST MARINE (Continued) **S113465773**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151007
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	009104475JJK
Trans EPA ID:	MIK435642742
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	OKD000402396
Trans Name:	EQ OKLAHOMA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151007
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	009104475JJK
Trans EPA ID:	MIK435642742
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	OKD000402396
Trans Name:	EQ OKLAHOMA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151007
Creation Date:	Not reported

WEST MARINE (Continued) **S113465773**

Receipt Date:	Not reported
Manifest ID:	009104475JJK
Trans EPA ID:	MIK435642742
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	OKD000402396
Trans Name:	EQ OKLAHOMA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0295
Waste Quantity:	59
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151007
Creation Date:	5/24/2016 16:38:09
Receipt Date:	20151023
Manifest ID:	009104475JJK
Trans EPA ID:	MIK435642742
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	OKD000402396
Trans Name:	EQ OKLAHOMA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	U159
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.038
Waste Quantity:	76
Quantity Unit:	P
Additional Code 1:	U154
Additional Code 2:	U002
Additional Code 3:	D004
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20151007
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	009104475JJK
Trans EPA ID:	MIK435642742
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	OKD000402396

WEST MARINE (Continued) **S113465773**

Trans Name:	EQ OKLAHOMA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151007
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	009104475JJK
Trans EPA ID:	MIK435642742
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	OKD000402396
Trans Name:	EQ OKLAHOMA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0205
Waste Quantity:	41
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151007
Creation Date:	5/24/2016 16:38:09
Receipt Date:	20151023
Manifest ID:	009104475JJK
Trans EPA ID:	MIK435642742
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	OKD000402396
Trans Name:	EQ OKLAHOMA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	121 - Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc
RCRA Code:	D002

WEST MARINE (Continued) **S113465773**

Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0075
Waste Quantity:	15
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20151007
Creation Date:	5/24/2016 16:38:09
Receipt Date:	20151023
Manifest ID:	009104475JJK
Trans EPA ID:	MIK435642742
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS
TSDF EPA ID:	OKD000402396
Trans Name:	EQ OKLAHOMA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	U159
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.016
Waste Quantity:	32
Quantity Unit:	P
Additional Code 1:	U154
Additional Code 2:	U002
Additional Code 3:	D004
Additional Code 4:	D001
Additional Code 5:	Not reported

Additional Info:

Year:	2012
Gen EPA ID:	CAL000287922
Shipment Date:	20120409
Creation Date:	6/16/2013 22:15:06
Receipt Date:	Not reported
Manifest ID:	009059262JJK
Trans EPA ID:	MI0000263871
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	OKD000402396
Trans Name:	EQ OKLAHOMA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.0015
Waste Quantity:	3

WEST MARINE (Continued) **S113465773**

Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20120409
Creation Date:	6/16/2013 22:15:06
Receipt Date:	Not reported
Manifest ID:	009059262JJK
Trans EPA ID:	MI0000263871
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	OKD000402396
Trans Name:	EQ OKLAHOMA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Info:

Year:	2013
Gen EPA ID:	CAL000287922
Shipment Date:	20131211
Creation Date:	5/14/2014 22:15:13
Receipt Date:	20140107
Manifest ID:	009103559JJK
Trans EPA ID:	MI0000263871
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	OKD000402396
Trans Name:	EQ OKLAHOMA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	121 - Alkaline solution (pH >12.5) with metals (antimony, arsenic, barium, beryllium, cadmium, chromium, cobalt, copper, lead, mercury, molybdenum, nickel, selenium, silver, thallium, vanadium, and zinc
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported

WEST MARINE (Continued) **S113465773**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131211
Creation Date:	5/14/2014 22:15:13
Receipt Date:	20140107
Manifest ID:	009103559JJK
Trans EPA ID:	MI0000263871
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	OKD000402396
Trans Name:	EQ OKLAHOMA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	D011
Meth Code:	H135 - Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	D008
Additional Code 2:	D002
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20131211
Creation Date:	5/14/2014 22:15:13
Receipt Date:	20140107
Manifest ID:	009103559JJK
Trans EPA ID:	MI0000263871
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	OKD000402396
Trans Name:	EQ OKLAHOMA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	U159
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	U154
Additional Code 2:	U002
Additional Code 3:	D004
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20131211
Creation Date:	5/14/2014 22:15:13

WEST MARINE (Continued) **S113465773**

Receipt Date:	20140107
Manifest ID:	009103559JJK
Trans EPA ID:	MI0000263871
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	OKD981588791
Trans 2 Name:	TRIAD TRANSPORT INC
TSDF EPA ID:	OKD000402396
Trans Name:	EQ OKLAHOMA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D039
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	D035
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130128
Creation Date:	6/29/2013 22:15:06
Receipt Date:	20130219
Manifest ID:	009105459JJK
Trans EPA ID:	MI0000263871
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	OKD000402396
Trans Name:	EQ OKLAHOMA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130128
Creation Date:	6/29/2013 22:15:06
Receipt Date:	20130219
Manifest ID:	009105459JJK
Trans EPA ID:	MI0000263871
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	OKD000402396

WEST MARINE (Continued) **S113465773**

Trans Name:	EQ OKLAHOMA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	351 - Organic solids with halogens
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	0.0015
Waste Quantity:	3
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130128
Creation Date:	6/29/2013 22:15:06
Receipt Date:	20130219
Manifest ID:	009105459JJK
Trans EPA ID:	MI0000263871
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	OKD000402396
Trans Name:	EQ OKLAHOMA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20130128
Creation Date:	6/29/2013 22:15:06
Receipt Date:	20130219
Manifest ID:	009105459JJK
Trans EPA ID:	MI0000263871
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	OKD000402396
Trans Name:	EQ OKLAHOMA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	U154
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005

WEST MARINE (Continued) **S113465773**

Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	U002
Additional Code 2:	D005
Additional Code 3:	D004
Additional Code 4:	D001
Additional Code 5:	Not reported
Shipment Date:	20130128
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	009105459JJK
Trans EPA ID:	MI0000263871
Trans Name:	EQ INDUSTRIAL SERVICES
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	OKD000402396
Trans Name:	EQ OKLAHOMA INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.001
Waste Quantity:	2
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

LOS ANGELES HM:

Name:	WEST MARINE PRODUCTS
Address:	203 N HARBOR BLVD
City,State,Zip:	SAN PEDRO, CA 90731
Facility ID:	FA0016460
Last Run Date:	06/01/2019
Status:	INACTIVE

HWTS:

Name:	WEST MARINE
Address:	203 N HARBOR BLVD
Address 2:	Not reported
City,State,Zip:	SAN PEDRO, CA 907312208
EPA ID:	CAL000287922
Inactive Date:	Not reported
Create Date:	11/05/2004
Last Act Date:	08/20/2020
Mailing Name:	Not reported
Mailing Address:	500 WESTRIDGE DR MS-G4
Mailing Address 2:	Not reported
Mailing City,State,Zip:	WATSONVILLE, CA 950764171
Owner Name:	WEST MARINE PRODUCTS INC
Owner Address:	500 WESTRIDGE DR

WEST MARINE (Continued) **S113465773**

Owner Address 2:	Not reported
Owner City,State,Zip:	WATSONVILLE, CA 950760000
Contact Name:	CHARMAINE CRISMON
Contact Address:	TAX DEPARTMENT
Contact Address 2:	500 WESTRIDGE DR. MS-G4
City,State,Zip:	WATSONVILLE, CA 95076

NAICS:

EPA ID:	CAL000287922
Create Date:	2004-11-05 10:50:50.210
NAICS Code:	453998
NAICS Description:	All Other Miscellaneous Store Retailers (except Tobacco Stores)
Issued EPA ID Date:	2004-11-05 10:50:50.19300
Inactive Date:	Not reported
Facility Name:	WEST MARINE
Facility Address:	203 N HARBOR BLVD
Facility Address 2:	Not reported
Facility City:	SAN PEDRO
Facility County:	Not reported
Facility State:	CA
Facility Zip:	907312208

B17 **WEST MARINE** **RCRA NonGen / NLR** **1024810060**
South **203 N HARBOR BLVD** **CAL000287922**
< 1/8 **SAN PEDRO, CA 90731**
0.080 mi.
422 ft. **Site 4 of 8 in cluster B**

Relative:
Lower

Actual:
20 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		2004-11-05 00:00:00.0
Handler Name:	WEST MARINE	
Handler Address:		203 N HARBOR BLVD
Handler City,State,Zip:		SAN PEDRO, CA 90731-2208
EPA ID:		CAL000287922
Contact Name:		MARIA RIOS
Contact Address:		TAX DEPARTMENT
Contact City,State,Zip:		WATSONVILLE, CA 95076
Contact Telephone:		831-761-4925
Contact Fax:		831-768-5929
Contact Email:		MARIARI@WESTMARINE.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Handler Activities
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		500 WESTRIDGE DR MS-G4
Mailing City,State,Zip:		WATSONVILLE, CA 95076-0000
Owner Name:		WEST MARINE PRODUCTS INC
Owner Type:		Other
Operator Name:		MARIA RIOS
Operator Type:		Other
Short-Term Generator Activity:		No

WEST MARINE (Continued) **1024810060**

Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 20:26:07.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

WEST MARINE (Continued) **1024810060**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	WEST MARINE PRODUCTS INC
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	500 WESTRIDGE DR
Owner/Operator City,State,Zip:	WATSONVILLE, CA 95076-0000
Owner/Operator Telephone:	831-761-4925
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	MARIA RIOS
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	TAX DEPARTMENT
Owner/Operator City,State,Zip:	WATSONVILLE, CA 95076
Owner/Operator Telephone:	831-761-4925
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2004-11-05 00:00:00.0
Handler Name: WEST MARINE	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	453998
NAICS Description:	ALL OTHER MISCELLANEOUS STORE RETAILERS (EXCEPT TOBACCO STORES)

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

B18 South < 1/8 0.080 mi. 422 ft. | **WEST MARINE #13**
203 N HARBOR BLVD
SAN PEDRO, CA 90731

Site 5 of 8 in cluster B

CERS HAZ WASTE | **S124446692**
N/A

Relative: Lower

Actual: 20 ft.

CERS HAZ WASTE:

Name:	WEST MARINE #13
Address:	203 N HARBOR BLVD
City,State,Zip:	SAN PEDRO, CA 90731
Site ID:	521396
CERS ID:	10592068
CERS Description:	Hazardous Waste Generator

Coordinates:

Site ID:	521396
Facility Name:	West Marine #13
Env Int Type Code:	HWG
Program ID:	10592068
Coord Name:	Not reported
Ref Point Type Desc:	Center of a facility or station.
Latitude:	33.744360
Longitude:	-118.279780

Affiliation:

Affiliation Type Desc:	Document Preparer
Entity Name:	David Goupil
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:	David Goupil
Entity Title:	Not reported
Affiliation Address:	500 Westridge Drive
Affiliation City:	Watsonville
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95076
Affiliation Phone:	Not reported

Affiliation Type Desc:	CUPA District
Entity Name:	Los Angeles City Fire Department
Entity Title:	Not reported
Affiliation Address:	200 North Main Street, Room 1780
Affiliation City:	Los Angeles
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90012
Affiliation Phone:	(213) 978-3680

Affiliation Type Desc:	Identification Signer
Entity Name:	David Goupil
Entity Title:	Retail Facilities Specialist
Affiliation Address:	Not reported

WEST MARINE #13 (Continued) **S124446692**

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

Affiliation Type Desc:	Operator
Entity Name:	West Marine Products
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:	(310) 833-0717

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	203 N Harbor Blvd
Affiliation City:	San Pedro
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90731
Affiliation Phone:	Not reported

Affiliation Type Desc:	Legal Owner
Entity Name:	West Marine Products
Entity Title:	Not reported
Affiliation Address:	203 N Harbor Blvd
Affiliation City:	San Pedro
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	90731
Affiliation Phone:	(310) 833-0717

Affiliation Type Desc:	Parent Corporation
Entity Name:	West Marine 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

C19 **C-WORTHY INDUSTRIAL PAINT** **HAZNET** **S113038189**
North **508 NO BEACON ST** **HAZMAT** **N/A**
< 1/8 **SAN PEDRO, CA 90733** **HWTS**
0.095 mi.
502 ft. **Site 6 of 9 in cluster C**

Relative: HAZNET:
Lower

Name:	C-WORTHY INDUSTRIAL PAINT
Address:	508 NO BEACON ST
Address 2:	Not reported
City,State,Zip:	SAN PEDRO, CA 907330000

Actual:
19 ft.

C-WORTHY INDUSTRIAL PAINT (Continued) **S113038189**

Contact:	DONALD W CROUTHAMEL
Telephone:	3108320321
Mailing Name:	Not reported
Mailing Address:	PO BOX 1190
Year:	1994
Gepaid:	CAL000041323
TSD EPA ID:	CAD000088252
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	H01 - Transfer Station
Tons:	0.225
Year:	1992
Gepaid:	CAL000041323
TSD EPA ID:	CAT080011059
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	R01 - Recycler
Tons:	0.125
Year:	1991
Gepaid:	CAL000041323
TSD EPA ID:	TND000645770
CA Waste Code:	214 - Unspecified solvent mixture
Disposal Method:	-
Tons:	0.25

Additional Info:

Year:	1994
Gen EPA ID:	CAL000041323
Shipment Date:	19940603
Creation Date:	3/26/1996 0:00:00
Receipt Date:	19940603
Manifest ID:	93435386
Trans EPA ID:	CAD983615998
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD000088252
Trans Name:	Not reported
TSDF Alt EPA ID:	CAD000088252
TSDF Alt Name:	Not reported
Waste Code Description:	214 - Unspecified solvent mixture
RCRA Code:	D001
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.225
Waste Quantity:	450
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

LOS ANGELES HM:

C-WORTHY INDUSTRIAL PAINT (Continued) **S113038189**

Name:	C-WORTHY SPECIALTIES
Address:	508 N BEACON ST
City,State,Zip:	SAN PEDRO, CA 90731
Facility ID:	FA0000768
Last Run Date:	06/01/2019
Status:	INACTIVE

HWTS:

Name:	C-WORTHY INDUSTRIAL PAINT
Address:	508 NO BEACON ST
Address 2:	Not reported
City,State,Zip:	SAN PEDRO, CA 907330000
EPA ID:	CAL000041323
Inactive Date:	06/30/2000
Create Date:	02/15/1991
Last Act Date:	01/22/2001
Mailing Name:	Not reported
Mailing Address:	PO BOX 1190
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN PEDRO, CA 907330000
Owner Name:	DONALD W CROUTHAMEL JR
Owner Address:	PO BOX 1190
Owner Address 2:	Not reported
Owner City,State,Zip:	SAN PEDRO, CA --
Contact Name:	DONALD W CROUTHAMEL
Contact Address:	INACTIVE PER VQ00 - BMI
Contact Address 2:	Not reported
City,State,Zip:	SAN PEDRO, CA 907330000

B20 **EDISON/SAN PEDRO MGP** **ENVIROSTOR** **S101480996**
South **SANTA CRUZ ST. CENTREST AND PALOS VERDES** **VCP** **N/A**
< 1/8 **SAN PEDRO, CA 90731**
0.108 mi.
569 ft. **Site 6 of 8 in cluster B**

Relative:
Higher

Actual:
22 ft.

ENVIROSTOR:

Name:	EDISON/SAN PEDRO MGP
Address:	SANTA CRUZ ST. CENTREST AND PALOS VERDES
City,State,Zip:	SAN PEDRO, CA 90731
Facility ID:	19490232
Status:	No Further Action
Status Date:	11/23/1994
Site Code:	400450
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Sayareh Amirebrahimi
Division Branch:	Cleanup Chatsworth
Assembly:	70
Senate:	35
Special Program:	Voluntary Cleanup Program
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED

EDISON/SAN PEDRO MGP (Continued) **S101480996**

Funding: Responsible Party
Latitude: 33.74389
Longitude: -118.2802
APN: NONE SPECIFIED
Past Use: MANUFACTURED GAS PLANT
Potential COC: * CONTAMINATED SOIL
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL
Alias Name: BK 7449, PG 18, PARCEL 900
Alias Type: Alternate Name
Alias Name: TOWN GAS PLANT SAN PEDRO
Alias Type: Alternate Name
Alias Name: 110033614480
Alias Type: EPA (FRS #)
Alias Name: 400450
Alias Type: Project Code (Site Code)
Alias Name: 19490232
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 11/23/1994
Comments: DTSC reviewed the revised PEA Report for the San Pedro Town Gas Plant site. DTSC concurs with the recommendation that "No Further Action" is required and that a Deed Notice be placed on the property.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Order
Completed Date: 05/10/1994
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:
Name: EDISON/SAN PEDRO MGP
Address: SANTA CRUZ ST. CENTREST AND PALOS VERDES
City,State,Zip: SAN PEDRO, CA 90731
Facility ID: 19490232
Site Type: Voluntary Cleanup
Site Type Detail: Voluntary Cleanup
Site Mgmt. Req.: NONE SPECIFIED
Acres: Not reported
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program

EDISON/SAN PEDRO MGP (Continued) **S101480996**

Project Manager:	Not reported
Supervisor:	Sayareh Amirebrahimi
Division Branch:	Cleanup Chatsworth
Site Code:	400450
Assembly:	70
Senate:	35
Special Programs Code:	Voluntary Cleanup Program
Status:	No Further Action
Status Date:	11/23/1994
Restricted Use:	NO
Funding:	Responsible Party
Lat/Long:	33.74389 / -118.2802
APN:	NONE SPECIFIED
Past Use:	MANUFACTURED GAS PLANT
Potential COC:	10097
Confirmed COC:	NONE SPECIFIED
Potential Description:	SOIL
Alias Name:	BK 7449, PG 18, PARCEL 900
Alias Type:	Alternate Name
Alias Name:	TOWN GAS PLANT SAN PEDRO
Alias Type:	Alternate Name
Alias Name:	110033614480
Alias Type:	EPA (FRS #)
Alias Name:	400450
Alias Type:	Project Code (Site Code)
Alias Name:	19490232
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	11/23/1994
Comments:	DTSC reviewed the revised PEA Report for the San Pedro Town Gas Plant site. DTSC concurs with the recommendation that "No Further Action" is required and that a Deed Notice be placed on the property.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	* Order
Completed Date:	05/10/1994
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

C21
North
< 1/8
0.111 mi.
584 ft.

515 N HARBOR BLVD
SAN PEDRO, CA

Site 7 of 9 in cluster C

UST **U004303062**
N/A

Relative:
Lower

Actual:
19 ft.

LOS ANGELES UST:

Name:	Not reported
Address:	515 N HARBOR BLVD
City,State,Zip:	SAN PEDRO, CA
Facility ID:	Not reported
Last Run Date:	01/01/1900
Status:	HISTORICAL

C22
North
< 1/8
0.113 mi.
595 ft.

SAN PEDRO SAILBOARDS
525 N HARBOR BLVD
SAN PEDRO, CA 90731

Site 8 of 9 in cluster C

HAZMAT **S123546626**
N/A

Relative:
Lower

Actual:
19 ft.

LOS ANGELES HM:

Name:	SAN PEDRO SAILBOARDS
Address:	525 N HARBOR BLVD
City,State,Zip:	SAN PEDRO, CA 90731
Facility ID:	FA0016462
Last Run Date:	06/01/2019
Status:	INACTIVE

C23
North
< 1/8
0.113 mi.
595 ft.

LEWIN ED THRIFTY SERVICE STATION
525 N HARBOR BLVD
SAN PEDRO, CA 90731

Site 9 of 9 in cluster C

EDR Hist Auto **1008996865**
N/A

Relative:
Lower

Actual:
19 ft.

EDR Hist Auto

Year:	Name:	Type:
1957	LEWIN ED THRIFTY SERVICE STATIO	Not reported

B24
South
< 1/8
0.113 mi.
596 ft.

CHEVRON PRODUCTS CO
111 NORTH HARBOR BOULEVARD
SAN PEDRO, CA 90731

Site 7 of 8 in cluster B

HAZNET
HAZMAT
HWTS

S113084905
N/A

Relative:
Higher

Actual:
21 ft.

HAZNET:

Name:	CHEVRON PRODUCTS CO
Address:	111 NORTH HARBOR BOULEVARD
Address 2:	Not reported
City,State,Zip:	SAN PEDRO, CA 907310000
Contact:	INACT PER 96 VQ AD
Telephone:	5108425931
Mailing Name:	Not reported
Mailing Address:	PO BOX 5004
Year:	1995
Gepaid:	CAL000159462

CHEVRON PRODUCTS CO (Continued) **S113084905**

TSD EPA ID:	CAD982484933
CA Waste Code:	512 - Other empty containers 30 gallons or more
Disposal Method:	R01 - Recycler
Tons:	0.379
Year:	1995
Gepaid:	CAL000159462
TSD EPA ID:	CAD980883177
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	R01 - Recycler
Tons:	2.7105

Additional Info:

Year:	1995
Gen EPA ID:	CAL000159462
Shipment Date:	19950829
Creation Date:	4/1/1996 0:00:00
Receipt Date:	19950829
Manifest ID:	95670074
Trans EPA ID:	CAD009466392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980883177
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	2.7105
Waste Quantity:	650
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	19950829
Creation Date:	4/1/1996 0:00:00
Receipt Date:	19950830
Manifest ID:	95670042
Trans EPA ID:	CAD009466392
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD982484933
Trans Name:	Not reported
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	512 - Other empty containers 30 gallons or more
RCRA Code:	Not reported
Meth Code:	R01 - Recycler
Quantity Tons:	0.379

CHEVRON PRODUCTS CO (Continued) **S113084905**

Waste Quantity: 758
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

LOS ANGELES HM:
Name: UNITED CAR & TRUCK RENTAL
Address: 111 N HARBOR BLVD
City,State,Zip: SAN PEDRO, CA 90731
Facility ID: FA0022423
Last Run Date: 06/01/2019
Status: INACTIVE

HWTS:
Name: CHEVRON PRODUCTS CO
Address: 111 NORTH HARBOR BOULEVARD
Address 2: Not reported
City,State,Zip: SAN PEDRO, CA 907310000
EPA ID: CAL000159462
Inactive Date: 06/30/1996
Create Date: 08/09/1995
Last Act Date: 04/10/2001
Mailing Name: Not reported
Mailing Address: PO BOX 5004
Mailing Address 2: Not reported
Mailing City,State,Zip: SAN RAMON, CA 945830804
Owner Name: CHEVRON PRODUCTS CO
Owner Address: CHEVRON USA INC
Owner Address 2: Not reported
Owner City,State,Zip: --, 99 --
Contact Name: INACT PER 96 VQ AD
Contact Address: --
Contact Address 2: Not reported
City,State,Zip: --, 99 --

B25 **UNITED CAR & TRUCK RENTAL** **UST** **U004306738**
South **111 N HARBOR BLVD** **N/A**
< 1/8 **SAN PEDRO, CA 90731**
0.113 mi.
596 ft. **Site 8 of 8 in cluster B**

Relative:
Higher

Actual:
21 ft.

LOS ANGELES UST:
Name: UNITED CAR & TRUCK RENTAL
Address: 111 N HARBOR BLVD
City,State,Zip: SAN PEDRO, CA 90731
Facility ID: FA0022423
Last Run Date: 06/03/2019
Status: INACTIVE

26 NW < 1/8 0.121 mi. 639 ft. | **HIS & ERS CLEANERS 221 W OLIVER ST COMPTON, CA** | **EDR Hist Cleaner** | **1009141256 N/A**

Relative: Higher
Actual: 69 ft.

EDR Hist Cleaner

Year:	Name:	Type:
1951	HIS & ERS CLEANERS	CLOTHES CLEANERS AND PRESSERS

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27 North 1/8-1/4 0.140 mi. 739 ft. | **LA PUMPING PLANT #67 530 N HARBOR BLVD SAN PEDRO, CA 90731** | **RCRA-SQG FINDS ECHO** | **1000350156 CAD981986938**

Relative: Lower
Actual: 18 ft.

RCRA-SQG:

Date Form Received by Agency:	1987-03-25 00:00:00.0
Handler Name:	LA PUMPING PLANT #67
Handler Address:	530 N HARBOR BLVD
Handler City,State,Zip:	SAN PEDRO, CA 90731
EPA ID:	CAD981986938
Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	530 N HARBOR BLVD
Contact City,State,Zip:	SAN PEDRO, CA 90731
Contact Telephone:	213-485-7527
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Other
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	4
Mailing Address:	200 N MAIN RM EIGHTH HUNDREDCH
Mailing City,State,Zip:	LOS ANGELES, CA 90012
Owner Name:	CITY OF LOS ANGELES
Owner Type:	Municipal
Operator Name:	NOT REQUIRED
Operator Type:	Municipal
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported

LA PUMPING PLANT #67 (Continued) **1000350156**

Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-06-27 03:31:52.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CITY OF LOS ANGELES

LA PUMPING PLANT #67 (Continued) **1000350156**

Legal Status:	Municipal
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1987-03-25 00:00:00.0
Handler Name: LA PUMPING PLANT #67	
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

FINDS:

Registry ID: 110002766203

Click Here:

Environmental Interest/Information System:

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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

ECHO:

Envid:	1000350156
Registry ID:	110002766203
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002766203
Name:	LA PUMPING PLANT #67
Address:	530 N HARBOR BLVD

LA PUMPING PLANT #67 (Continued) **1000350156**

City,State,Zip: SAN PEDRO, CA 90731

D28 **TOM ANAST** **SWEEPS UST** **S101584009**
South **100 W 1ST ST** **CA FID UST** **N/A**
1/8-1/4 **SAN PEDRO, CA 90731** **HAZMAT**
0.146 mi.
772 ft. **Site 1 of 4 in cluster D**

Relative:
Lower

Actual:
19 ft.

SWEEPS UST:

Name:	TOM ANAST
Address:	100 W 1ST ST
City:	SAN PEDRO
Status:	Not reported
Comp Number:	4763
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:	Not reported
Tank Status:	Not reported
Capacity:	Not reported
Active Date:	Not reported
Tank Use:	Not reported
STG:	Not reported
Content:	Not reported
Number Of Tanks:	0

CA FID UST:

Facility ID:	19007866
Regulated By:	UTNKI
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2130000000
Mail To:	Not reported
Mailing Address:	100 W 1ST ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SAN PEDRO 907310000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

LOS ANGELES HM:

Name:	SAN PEDRO TOMCO
Address:	100 W 1ST ST
City,State,Zip:	SAN PEDRO, CA 90731
Facility ID:	FA0003135
Last Run Date:	06/01/2019
Status:	INACTIVE

D29 South 1/8-1/4 0.146 mi. 772 ft. | **ASHLAND CHEMICAL C O SAN PEDRO**
100 W 1ST ST SAN PEDRO
SAN PEDRO, CA 90731

Site 2 of 4 in cluster D

RCRA-SQG | **1025878746**
CAP000046946

Relative: Lower
Actual: 19 ft.

RCRA-SQG:

Date Form Received by Agency:	1998-12-10 00:00:00.0
Handler Name:	ASHLAND CHEMICAL C O SAN PEDRO
Handler Address:	100 W 1ST ST SAN PEDRO
Handler City,State,Zip:	SAN PEDRO, CA 90731
EPA ID:	CAP000046946
Contact Name:	TERRI WECKENBROCK
Contact Address:	5200 BLAZER PKWY
Contact City,State,Zip:	DUBLIN, OH 43017
Contact Telephone:	614-790-3333
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	ASHLAND CHEM
Mailing City,State,Zip:	DUBLIN, OH 43017
Owner Name:	SAN PEDRO TOMCO CO
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

ASHLAND CHEMICAL C O SAN PEDRO (Continued) **1025878746**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-10-22 12:10:25.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	SAN PEDRO TOMCO CO
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	100 W 1ST ST SAN PEDRO
Owner/Operator City,State,Zip:	SAN PEDRO, CA 90731
Owner/Operator Telephone:	310-833-9961
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1998-12-10 00:00:00.0
Handler Name:	ASHLAND CHEMICAL C O SAN PEDRO
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes

ASHLAND CHEMICAL C O SAN PEDRO (Continued) **1025878746**

Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

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30 NNE 1/8-1/4 0.153 mi. 807 ft. | **METRO CRUISE SERVICES** | **HAZMAT** | **S123552411**
500 FRONT ST | **N/A**
SAN PEDRO, CA 90731

Relative: Lower
Actual: 13 ft.

LOS ANGELES HM:
Name: METRO CRUISE SERVICES
Address: 500 FRONT ST
City,State,Zip: SAN PEDRO, CA 90731
Facility ID: FA0038022
Last Run Date: 06/01/2019
Status: ACTIVE

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31 ENE 1/8-1/4 0.167 mi. 880 ft. | **AMERICAN PRESIDENT LINES LTD** | **RCRA-SQG** | **1000360665**
BERTH 93A LOS ANGELES HBR | **CAD047437165**
SAN PEDRO, CA 90733

Relative: Lower
Actual: 12 ft.

RCRA-SQG:
Date Form Received by Agency: 1996-09-01 00:00:00.0
Handler Name: AMERICAN PRESIDENT LINES LTD
Handler Address: BERTH 93A LOS ANGELES HBR
Handler City,State,Zip: SAN PEDRO, CA 90733
EPA ID: CAD047437165
Contact Name: Not reported
Contact Address: Not reported
Contact City,State,Zip: Not reported
Contact Telephone: Not reported
Contact Fax: Not reported
Contact Email: Not reported
Contact Title: Not reported
EPA Region: 09
Land Type: Not reported
Federal Waste Generator Description: Small Quantity Generator
Non-Notifier: Not reported
Biennial Report Cycle: Not reported
Accessibility: Not reported
Active Site Indicator: Handler Activities
State District Owner: CA
State District: 4

AMERICAN PRESIDENT LINES LTD (Continued) **1000360665**

Mailing Address:	1950 FRANKLIN ST
Mailing City,State,Zip:	OAKLAND, CA 94612
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-06-27 03:20:52.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No

AMERICAN PRESIDENT LINES LTD (Continued) **1000360665**

Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORT OF LOS ANGELES
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

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

Receive Date:	1983-01-03 00:00:00.0
Handler Name:	AMERICAN PRESIDENT LINES LTD
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

AMERICAN PRESIDENT LINES LTD (Continued) **1000360665**

Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

D32 **LOS ANGELES HARBOR BERTH** **HIST CORTESE** **1000102167**
South **HARBOR BLVD** **N/A**
1/8-1/4 **SAN PEDRO, CA 90731**
0.169 mi.
894 ft. **Site 3 of 4 in cluster D**

Relative:
Lower
Actual:
20 ft.

HIST CORTESE:

edr_fname:	LOS ANGELES HARBOR BERTH
edr_fadd1:	HARBOR BLVD
City,State,Zip:	SAN PEDRO, CA 90731
Region:	CORTESE
Facility County Code:	19
Reg By:	CALSI
Reg Id:	19490187

D33 **UST** **U004299578**
South **132 S HARBOR BLVD** **N/A**
1/8-1/4 **SAN PEDRO, CA**
0.192 mi.
1013 ft. **Site 4 of 4 in cluster D**

Relative:
Lower
Actual:
18 ft.

LOS ANGELES UST:

Name:	Not reported
Address:	132 S HARBOR BLVD
City,State,Zip:	SAN PEDRO, CA
Facility ID:	Not reported
Last Run Date:	01/01/1900
Status:	HISTORICAL

E34 **EDISON/SAN PEDRO MGP** **EDR MGP** **1008407769**
SW **SANTA CRUZ, CENTRE AND PALOS VERDES STREETS** **N/A**
1/8-1/4 **SAN PEDRO, CA 90731**
0.193 mi.
1017 ft. **Site 1 of 4 in cluster E**

Relative:
Higher
Actual:
44 ft.

Manufactured Gas Plants:
No additional information available

F35 NNW 1/8-1/4 0.213 mi. 1126 ft. | **DIMAX EXPRESS**
661 N HARBOR BLVD
SAN PEDRO, CA 90731

Site 1 of 3 in cluster F | **RCRA NonGen / NLR** | **1026043087**
CAC003049283

Relative: Higher

Actual: 21 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:		2020-01-03 00:00:00.0
Handler Name:	DIMAX EXPRESS	
Handler Address:		661 N HARBOR BLVD
Handler City,State,Zip:		SAN PEDRO, CA 90731-1733
EPA ID:		CAC003049283
Contact Name:		JUAN MIRANDA
Contact Address:		572 W 184TH ST
Contact City,State,Zip:		GARDENA, CA 90248-4202
Contact Telephone:		310-702-1784
Contact Fax:		Not reported
Contact Email:		MIRANDAJUAN@ROCKETMAIL.COM
Contact Title:		Not reported
EPA Region:		09
Land Type:		Not reported
Federal Waste Generator Description:		Not a generator, verified
Non-Notifier:		Not reported
Biennial Report Cycle:		Not reported
Accessibility:		Not reported
Active Site Indicator:		Not reported
State District Owner:		Not reported
State District:		Not reported
Mailing Address:		572 W 184TH ST
Mailing City,State,Zip:		GARDENA, CA 90248-4202
Owner Name:		JUAN MIRANDA
Owner Type:		Other
Operator Name:		JUAN MIRANDA
Operator Type:		Other
Short-Term Generator Activity:		No
Importer Activity:		No
Mixed Waste Generator:		No
Transporter Activity:		No
Transfer Facility Activity:		No
Recycler Activity with Storage:		No
Small Quantity On-Site Burner Exemption:		No
Smelting Melting and Refining Furnace Exemption:		No
Underground Injection Control:		No
Off-Site Waste Receipt:		No
Universal Waste Indicator:		No
Universal Waste Destination Facility:		No
Federal Universal Waste:		No
Active Site Fed-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site Converter Treatment storage and Disposal Facility:		Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:		Not reported
Active Site State-Reg Handler:		---
Federal Facility Indicator:		Not reported
Hazardous Secondary Material Indicator:		N
Sub-Part K Indicator:		Not reported
Commercial TSD Indicator:		No
Treatment Storage and Disposal Type:		Not reported
2018 GPRA Permit Baseline:		Not on the Baseline
2018 GPRA Renewals Baseline:		Not on the Baseline
Permit Renewals Workload Universe:		Not reported

DIMAX EXPRESS (Continued) **1026043087**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-02-10 17:52:03.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	JUAN MIRANDA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	572 W 184TH ST
Owner/Operator City,State,Zip:	GARDENA, CA 90248-4202
Owner/Operator Telephone:	310-702-1784
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	JUAN MIRANDA
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	572 W 184TH ST
Owner/Operator City,State,Zip:	GARDENA, CA 90248-4202
Owner/Operator Telephone:	310-702-1784
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

DIMAX EXPRESS (Continued) **1026043087**

Historic Generators:

Receive Date:	2020-01-03 00:00:00.0
Handler Name:	DIMAX EXPRESS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

G36 **LOS ANGELES CRUISE SHIP TERMINAL** **RCRA-LQG** **1000102156**
NNE **BERTH 93C** **CAD982412454**
1/8-1/4 **SAN PEDRO, CA 90731**
0.214 mi.
1132 ft. **Site 1 of 4 in cluster G**

Relative:
Lower

Actual:
12 ft.

RCRA-LQG:

Date Form Received by Agency:	1988-09-28 00:00:00.0
Handler Name:	LOS ANGELES CRUISE SHIP TERMINAL
Handler Address:	BERTH 93C
Handler City,State,Zip:	SAN PEDRO, CA 90731
EPA ID:	CAD982412454
Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	BERTH 93C
Contact City,State,Zip:	SAN PEDRO, CA 90731
Contact Telephone:	213-548-8411
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Other
Federal Waste Generator Description:	Large Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	4
Mailing Address:	140 WEST SIXTH ST
Mailing City,State,Zip:	SAN PEDRO, CA 90731
Owner Name:	LOS ANGELES

LOS ANGELES CRUISE SHIP TERMINAL (Continued) **1000102156**

Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-06-27 03:33:36.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

LOS ANGELES CRUISE SHIP TERMINAL (Continued) **1000102156**

Sub-Part P Indicator: No

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: LOS ANGELES
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: NOT REQUIRED
Owner/Operator City,State,Zip: NOT REQUIRED, ME 99999
Owner/Operator Telephone: 415-555-1212
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 1988-09-28 00:00:00.0
Handler Name: LOS ANGELES CRUISE SHIP TERMINAL
Federal Waste Generator Description: Large Quantity Generator
State District Owner: CA
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

H37 **UST** **U004301367**
South **238 S HARBOR BLVD** **N/A**
1/8-1/4 **SAN PEDRO, CA**
0.221 mi.
1168 ft. **Site 1 of 4 in cluster H**

Relative: LOS ANGELES UST:
Lower Name: Not reported
Actual: Address: 238 S HARBOR BLVD
17 ft. City,State,Zip: SAN PEDRO, CA
Facility ID: Not reported
Last Run Date: 01/01/1900
Status: HISTORICAL

G38 NNE 1/8-1/4 0.223 mi. 1175 ft. | **L.A. CRUISE SHIP TERMINALS** | **UST** | **U004265050**
BERTH 93 | **N/A**
LOS ANGELES, CA 90731

Site 2 of 4 in cluster G

Relative: Lower
Actual: 13 ft.

UST:

Name:	L.A. CRUISE SHIP TERMINALS
Address:	BERTH 93
City,State,Zip:	LOS ANGELES, CA 90731
Facility ID:	Not reported
Permitting Agency:	Los Angeles City Fire Department
Latitude:	33.7491
Longitude:	-118.27914

LOS ANGELES UST:

Name:	L.A. CRUISE SHIP TERMINALS
Address:	BERTH 93
City,State,Zip:	LOS ANGELES, CA 90731
Facility ID:	FA0025212
Last Run Date:	06/03/2019
Status:	INACTIVE

G39 NNE 1/8-1/4 0.223 mi. 1180 ft. | **CHEVRON USA INC SAN PEDRO TERM** | **RCRA-SQG** | **1000434388**
1502 SWINFORD ST | **FINDS** | **CAT000624684**
SAN PEDRO, CA 90733 | **ECHO**

Site 3 of 4 in cluster G

Relative: Lower
Actual: 9 ft.

RCRA-SQG:

Date Form Received by Agency:	1996-09-01 00:00:00.0
Handler Name:	CHEVRON USA INC SAN PEDRO TERM
Handler Address:	1502 SWINFORD ST
Handler City,State,Zip:	SAN PEDRO, CA 90733
EPA ID:	CAT000624684
Contact Name:	Not reported
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	Not reported
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	4
Mailing Address:	BOX NINETH HUNDRED TENTH
Mailing City,State,Zip:	SAN PEDRO, CA 90733
Owner Name:	Not reported
Owner Type:	Not reported
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No

CHEVRON USA INC SAN PEDRO TERM (Continued) **1000434388**

Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-06-27 03:53:37.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Operator

CHEVRON USA INC SAN PEDRO TERM (Continued) **1000434388**

Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	CHEVRON U.S.A. INC.
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

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

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

List of NAICS Codes and Descriptions:

NAICS Code:	4841
NAICS Description:	GENERAL FREIGHT TRUCKING

Facility Has Received Notices of Violations:

Violations:	No Violations Found

CHEVRON USA INC SAN PEDRO TERM (Continued) **1000434388**

Evaluation Action Summary:
Evaluations: No Evaluations Found

FINDS:
Registry ID: 110002944556

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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

ECHO:

Envid:	1000434388
Registry ID:	110002944556
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002944556
Name:	CHEVRON USA INC SAN PEDRO TERM
Address:	1502 SWINFORD ST
City,State,Zip:	SAN PEDRO, CA 90733

E40 **RANCHO SAN PEDRO** **RCRA-SQG** **1025879235**
SW **275 W 1ST ST** **CAP000074302**
1/8-1/4 **SAN PEDRO, CA 90731**
0.223 mi.
1180 ft. **Site 2 of 4 in cluster E**

Relative:
Higher

Actual:
54 ft.

RCRA-SQG:

Date Form Received by Agency:	2000-06-01 00:00:00.0
Handler Name:	RANCHO SAN PEDRO
Handler Address:	275 W 1ST ST
Handler City,State,Zip:	SAN PEDRO, CA 90731
EPA ID:	CAP000074302
Contact Name:	LELIA BARKER I I
Contact Address:	200 N MAIN ST STE 709
Contact City,State,Zip:	LOS ANGELES, CA 90012
Contact Telephone:	213-485-6505
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	200 N MAIN ST STE 709
Mailing City,State,Zip:	LOS ANGELES, CA 90012

RANCHO SAN PEDRO (Continued) **1025879235**

Owner Name:	CITY OF L A DEPT OF REC
Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-10-22 12:10:39.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No

RANCHO SAN PEDRO (Continued) **1025879235**

Manifest Broker: No
Sub-Part P Indicator: No

Hazardous Waste Summary:
Waste Code: D008
Waste Description: LEAD

Handler - Owner Operator:
Owner/Operator Indicator: Owner
Owner/Operator Name: CITY OF L A DEPT OF REC
Legal Status: Private
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 200 N MAIN ST RM 1330 C H
Owner/Operator City,State,Zip: LOS ANGELES, CA 90012
Owner/Operator Telephone: 213-473-6833
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2000-06-01 00:00:00.0
Handler Name: RANCHO SAN PEDRO
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Codes: No NAICS Codes Found

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

E41 **UST** **U004301664**
SW **275 W 1ST ST** **N/A**
1/8-1/4 **SAN PEDRO, CA**
0.223 mi.
1180 ft. **Site 3 of 4 in cluster E**

Relative:
Higher

Actual:
54 ft.

LOS ANGELES UST:

Name:	Not reported
Address:	275 W 1ST ST
City,State,Zip:	SAN PEDRO, CA
Facility ID:	Not reported
Last Run Date:	01/01/1900
Status:	HISTORICAL

E42 **CITY OF LA/HOUSING AUTHORITY** **RCRA NonGen / NLR** **1024783314**
SW **275 W 1ST ST** **CAD981687353**
1/8-1/4 **SAN PEDRO, CA 90731**
0.223 mi.
1180 ft. **Site 4 of 4 in cluster E**

Relative:
Higher

Actual:
54 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	1987-04-10 00:00:00.0
Handler Name:	CITY OF LA/HOUSING AUTHORITY
Handler Address:	275 W 1ST ST
Handler City,State,Zip:	SAN PEDRO, CA 90731-2805
EPA ID:	CAD981687353
Contact Name:	ERIC TELLEZ
Contact Address:	2600 WILSHIRE BLVD
Contact City,State,Zip:	LOS ANGELES, CA 90057
Contact Telephone:	213-252-4290
Contact Fax:	Not reported
Contact Email:	ERIC.TELLEZ@HACLA.ORG
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2600 WILSHIRE BLVD
Mailing City,State,Zip:	LOS ANGELES, CA 90057-0000
Owner Name:	HOUSING AUTHORITY OF THE CITY OF LO
Owner Type:	Other
Operator Name:	ERIC TELLEZ
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes

CITY OF LA/HOUSING AUTHORITY (Continued) **1024783314**

Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-05 15:40:06.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	HOUSING AUTHORITY OF THE CITY OF LO
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2600 WILSHIRE BLVD
Owner/Operator City,State,Zip:	LOS ANGELES, CA 90057-0000
Owner/Operator Telephone:	213-252-5400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

CITY OF LA/HOUSING AUTHORITY (Continued) **1024783314**

Owner/Operator Indicator:	Operator
Owner/Operator Name:	ERIC TELLEZ
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2600 WILSHIRE BLVD
Owner/Operator City,State,Zip:	LOS ANGELES, CA 90057
Owner/Operator Telephone:	213-252-4290
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1987-04-10 00:00:00.0
Handler Name:	CITY OF LA/HOUSING AUTHORITY
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	5312
NAICS Description:	OFFICES OF REAL ESTATE AGENTS AND BROKERS

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

F43 **UST** **U004303867**
North **660 N HARBOR BLVD** **N/A**
1/8-1/4 **SAN PEDRO, CA**
0.224 mi.
1181 ft. **Site 2 of 3 in cluster F**

Relative:
Lower

Actual:
18 ft.

LOS ANGELES UST:

Name:	Not reported
Address:	660 N HARBOR BLVD
City,State,Zip:	SAN PEDRO, CA
Facility ID:	Not reported
Last Run Date:	01/01/1900
Status:	HISTORICAL

H44 South 1/8-1/4 0.224 mi. 1184 ft. | **PACIFIC BATTLESHIP CENTER**
250 S HARBOR BLVD
SAN PEDRO, CA 90731

Site 2 of 4 in cluster H

RCRA NonGen / NLR | **1024860614**
CAL000429063

Relative: Lower

Actual: 17 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	2017-07-11 00:00:00.0
Handler Name:	PACIFIC BATTLESHIP CENTER
Handler Address:	250 S HARBOR BLVD
Handler City,State,Zip:	SAN PEDRO, CA 90731
EPA ID:	CAL000429063
Contact Name:	KEN LABRUZZI
Contact Address:	250 S HARBOR BLVD
Contact City,State,Zip:	SAN PEDRO, CA 90731
Contact Telephone:	877-446-9261
Contact Fax:	Not reported
Contact Email:	KLABRUZZI@LABATTLESHIP.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	250 S HARBOR BLVD
Mailing City,State,Zip:	SAN PEDRO, CA 90731
Owner Name:	PACIFIC BATTLESHIP CENTER
Owner Type:	Other
Operator Name:	KEN LABRUZZI
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported

PACIFIC BATTLESHIP CENTER (Continued) **1024860614**

Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2018-09-07 19:36:09.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KEN LABRUZZI
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	250 S HARBOR BLVD
Owner/Operator City,State,Zip:	SAN PEDRO, CA 90731
Owner/Operator Telephone:	877-446-9261
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC BATTLESHIP CENTER
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	250 S HARBOR BLVD
Owner/Operator City,State,Zip:	SAN PEDRO, CA 90731
Owner/Operator Telephone:	877-446-9261
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

PACIFIC BATTLESHIP CENTER (Continued) **1024860614**

Historic Generators:

Receive Date:	2017-07-11 00:00:00.0
Handler Name:	PACIFIC BATTLESHIP CENTER
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	71212
NAICS Description:	HISTORICAL SITES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

F45 **PACIFIC HARBOR LINE** **RCRA NonGen / NLR** **1026161989**
North **E REGAN ST & HARBOR ST** **CAC003061972**
1/8-1/4 **SAN PEDRO, CA 90731**
0.230 mi.
1213 ft. **Site 3 of 3 in cluster F**

Relative:
Lower

Actual:
17 ft.

RCRA NonGen / NLR:

Date Form Received by Agency:	2020-03-31 00:00:00.0
Handler Name:	PACIFIC HARBOR LINE
Handler Address:	E REGAN ST & HARBOR ST
Handler City,State,Zip:	SAN PEDRO, CA 90731
EPA ID:	CAC003061972
Contact Name:	KIMIA KHATAMI
Contact Address:	705 N HENRY FORD AVE
Contact City,State,Zip:	WILMINGTON, CA 90744-6716
Contact Telephone:	310-834-4594
Contact Fax:	Not reported
Contact Email:	CANGUIANO@OCEAN-BLUE.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	705 N HENRY FORD AVE
Mailing City,State,Zip:	WILMINGTON, CA 90744-6716
Owner Name:	PACIFIC HARBOR LINE

PACIFIC HARBOR LINE (Continued) **1026161989**

Owner Type:	Other
Operator Name:	KIMIA KHATAMI
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2020-04-08 18:59:25.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No

PACIFIC HARBOR LINE (Continued) **1026161989**

Sub-Part P Indicator: No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name:	KIMIA KHATAMI
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	705 N HENRY FORD AVE
Owner/Operator City,State,Zip:	WILMINGTON, CA 90744-6716
Owner/Operator Telephone:	310-834-4594
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PACIFIC HARBOR LINE
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	705 N HENRY FORD AVE
Owner/Operator City,State,Zip:	WILMINGTON, CA 90744-6716
Owner/Operator Telephone:	310-834-4594
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	2020-03-31 00:00:00.0
Handler Name: PACIFIC HARBOR LINE	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	56299
NAICS Description:	ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:

Violations: No Violations Found

Evaluation Action Summary:

Evaluations: No Evaluations Found

G46 NNE 1/8-1/4 0.232 mi. 1227 ft. | **CATALINA CHANNEL EXPRESS INC**
BERTH 95
LOS ANGELES, CA 90731

Site 4 of 4 in cluster G

AST
CERS HAZ WASTE
CERS TANKS
HAZMAT
CERS

S123498608
N/A

Relative: Lower

Actual: 13 ft.

LOS ANGELES AST:

Facility ID:	FA0025064
Name:	CATALINA CHANNEL EXPRESS INC
Address:	BERTH 95
City,State,Zip:	LOS ANGELES, CA 90731
Last Run Date:	06/01/2019
Status:	ACTIVE

CERS HAZ WASTE:

Name:	CATALINA CHANNEL EXPRESS INC
Address:	BERTH 95
City,State,Zip:	LOS ANGELES, CA 90731
Site ID:	103587
CERS ID:	10249843
CERS Description:	Hazardous Waste Generator

CERS TANKS:

Name:	CATALINA CHANNEL EXPRESS INC
Address:	BERTH 95
City,State,Zip:	LOS ANGELES, CA 90731
Site ID:	103587
CERS ID:	10249843
CERS Description:	Aboveground Petroleum Storage

LOS ANGELES HM:

Name:	CATALINA CHANNEL EXPRESS INC
Address:	BERTH 95
City,State,Zip:	LOS ANGELES, CA 90731
Facility ID:	FA0025064
Last Run Date:	06/01/2019
Status:	ACTIVE

CERS:

Name:	CATALINA CHANNEL EXPRESS INC
Address:	BERTH 95
City,State,Zip:	LOS ANGELES, CA 90731
Site ID:	103587
CERS ID:	10249843
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	103587
Site Name:	CATALINA CHANNEL EXPRESS INC
Violation Date:	05-17-2017
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 06/14/2017. OBSERVATION: Paint Waste - 1 x

CATALINA CHANNEL EXPRESS INC (Continued) **S123498608**

55 gallon drum stored in Paint Storage locker- missing Hazardous Waste label All hazardous waste containers shall be marked with the following information: 1) the words G Hazardous WasteG ; 2) name and address of generator; 3) hazardous properties; 4) physical state; 5) composition (contents); 6) accumulation start date. CORRECTIVE ACTION: Immediately label these containers and ensure that all hazardous waste containers are marked with all the required information.

Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 103587
Site Name: CATALINA CHANNEL EXPRESS INC
Violation Date: 07-26-2016
Citation: HSC 6.95 25508(a)(3) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(3)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Please update your Site Map to reflect the current location of your Hazardous Materials inventory.
Violation Division: Los Angeles City Fire Department
Violation Program: HMRRP
Violation Source: CERS

Site ID: 103587
Site Name: CATALINA CHANNEL EXPRESS INC
Violation Date: 05-13-2020
Citation: HSC 6.5 25123.3(h)(1) - California Health and Safety Code, Chapter 6.5, Section(s) 25123.3(h)(1)
Violation Description: Failure to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles) for a generator who generates less than 1000 kilogram per month if all of the following conditions are met: (1) The quantity of hazardous waste accumulated onsite never exceeds 6,000 kilograms. (2) The generator complies with the requirements of 40 Code of Federal Regulations section 262.34(d), (e) and (f). (3) The generator does not hold acutely hazardous waste or extremely hazardous waste in an amount greater than one kilogram for more than 90 days.
Violation Notes: Returned to compliance on 05/18/2020. OBSERVATION: Owner/Operator is a small quantity generator and failed to send hazardous waste offsite for treatment, storage, or disposal within 180 days (or 270 days if waste is transported over 200 miles), or has failed to comply with the conditions of CCR 66262.34(d) and has stored hazardous waste over 90 days. Observed one 55-gallon drum of waste paint at the paint storage shed accumulating for more than 180 days. CORRECTIVE ACTION: Dispose of hazardous waste that has been stored over the applicable time limit and provide documentation that the violation has been corrected.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 103587
Site Name: CATALINA CHANNEL EXPRESS INC
Violation Date: 05-17-2017
Citation: HSC 6.5 25250.22 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.22
Violation Description: Failure to properly manage used oil and/or fuel filters in accordance

CATALINA CHANNEL EXPRESS INC (Continued) **S123498608**

with the requirements.

Violation Notes: Returned to compliance on 06/14/2017. OBSERVATION: Generator failed to properly handle, manage, label, and/or recycle used oil and fuel filters. Used Oil- 12 x 55 gal. drums missing complete Hazardous Waste labels Used Oil Filters- 2 x 55 gal. drums located inside Hazardous Waste Storage container- missing Hazardous Waste labels/Accumulation Start Date CORRECTIVE ACTION: Owner/Operator shall immediately comply with the Title 22 regulations with regards to the proper handling, management, labeling and recycling of used oil and fuel filters. Verify compliance with the CUPA within 30 days.

Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Site ID: 103587
Site Name: CATALINA CHANNEL EXPRESS INC
Violation Date: 05-13-2020
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 05/18/2020. OBSERVATION: One 55-gallon drum of waste paint located in the paint shed was observed with a faded hazardous waste label. CORRECTIVE ACTION: Submit a photo to the CUPA demonstrating that the container listed above has been properly labeled.
Violation Division: Los Angeles County Fire Department
Violation Program: HW
Violation Source: CERS

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-02-2020
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: CERS and inspection report review for Berth 95.
Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-13-2020
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Rosemary Bakker, Manager Central Services
Eval Division: Los Angeles County Fire Department
Eval Program: HW
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 05-17-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Rosemary Bakker, Central Services Manager

CATALINA CHANNEL EXPRESS INC (Continued) **S123498608**

Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	07-26-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Permission to inspect granted by, Rosemary Bakker, Central Services Manager. As per our discussion on site, Mrs. Bakker, was informed that State law mandates all regulated businesses electronically submit their Hazardous Materials Business Plan (HMBP) via the California Environmental Reporting System (CERS). Electronic submittal shall be completed within the next 30 days. In addition, HMBPG s need to be reviewed and certified annually, between January 1st and March 1st, for complete and accurate information. It is also mandatory to submit any substantial change in operation within 30 days.
Eval Division:	Los Angeles City Fire Department
Eval Program:	HMRRP
Eval Source:	CERS
Eval General Type:	Other/Unknown
Eval Date:	09-26-2018
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	Not reported
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-20-2013
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	11-20-2013
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	INSPECTED BY R. DOOM CONSENT GIVEN BY DR STAFFORD
Eval Division:	Los Angeles County Fire Department
Eval Program:	HW
Eval Source:	CERS
Eval General Type:	Compliance Evaluation Inspection
Eval Date:	12-27-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Consent to enter, inspect and take photographs was given by: Rosemary Bakker The Business Activities, Owner/Operator Identification, Hazardous Materials Inventory, Site Map, Emergency Response/Contingency Plan and Employee Training Plan sections were reviewed in CERS and field verified. Review and correct any violations

CATALINA CHANNEL EXPRESS INC (Continued) **S123498608**

indicated previously in this report, on or before the COMPLY BY date associated with each violation. NOTE: The LAMC, Sections (L.A.M.C. SECTION 57.105.1.4; 57.120.3; 57.121.2 and 57.121.2.1.) requires businesses that store, use or handle hazardous materials in the City of Los Angeles to obtain a Consolidated Permit from the Los Angeles Fire Department CUPA **** Annual submission of a Hazardous Materials Business Plan into California Environmental Reporting System (CERS) is required between January 1 and March 1 of every year. Per L.A.M.C. 57.121.3.5, failure to submit the required hazardous material business plan (HMBP) information annually [Truncated]

Eval Division: Los Angeles City Fire Department
Eval Program: HMRRP
Eval Source: CERS

Affiliation:

Affiliation Type Desc: Operator
Entity Name: Catalina Channel Express, 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: (310) 519-7971

Affiliation Type Desc: CUPA District
Entity Name: Los Angeles City Fire Department
Entity Title: Not reported
Affiliation Address: 200 North Main Street, Room 1780
Affiliation City: Los Angeles
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 90012
Affiliation Phone: (213) 978-3680

Affiliation Type Desc: Identification Signer
Entity Name: Rosemary Bakker
Entity Title: Mgr, Central Services
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: Greg Bombard
Entity Title: Not reported
Affiliation Address: 385 East Swinford Street, 2nd Floor
Affiliation City: San Pedro
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 907031
Affiliation Phone: (310) 519-7971

Affiliation Type Desc: Parent Corporation
Entity Name: CATALINA CHANNEL EXPRESS INC

CATALINA CHANNEL EXPRESS INC (Continued) **S123498608**

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:	Rosemary Bakker
Entity Title:	Not reported
Affiliation Address:	385 East Swinford Street, 2nd Floor
Affiliation City:	SAN PEDRO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90731
Affiliation Phone:	Not reported

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	385 East Swinford Street, 2nd Floor
Affiliation City:	San Pedro
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	90731
Affiliation Phone:	Not reported

Affiliation Type Desc:	Document Preparer
Entity Name:	Julia Torbarina
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

H47 **CROWLEY PETROLEUM SERVICES** **RCRA-SQG** **1017769965**
South **300 S HARBOR BLVD** **CAR000251801**
1/8-1/4 **SAN PEDRO, CA 90802**
0.237 mi.
1254 ft. **Site 3 of 4 in cluster H**

Relative:
Lower

Actual:
17 ft.

RCRA-SQG:

Date Form Received by Agency:	2015-01-29 00:00:00.0
Handler Name:	CROWLEY PETROLEUM SERVICES
Handler Address:	300 S HARBOR BLVD
Handler City,State,Zip:	SAN PEDRO, CA 90802
EPA ID:	CAR000251801
Contact Name:	ERIK FABIAN
Contact Address:	300 S HARBOR BLVD
Contact City,State,Zip:	SAN PEDRO, CA 90802
Contact Telephone:	310-732-6528
Contact Fax:	310-732-6590
Contact Email:	ERIK.FABIAN@CROWLEY.COM
Contact Title:	PORT ENG

CROWLEY PETROLEUM SERVICES (Continued) **1017769965**

EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	300 S HARBOR BLVD
Mailing City,State,Zip:	SAN PEDRO, CA 90802
Owner Name:	CROWLEY MARINE SERVICES
Owner Type:	Private
Operator Name:	CROWLEY PETROLEUM SERVICES
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported

CROWLEY PETROLEUM SERVICES (Continued) **1017769965**

Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2015-02-05 16:59:12.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D003
Waste Description:	REACTIVE WASTE
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D008
Waste Description:	LEAD
Waste Code:	D009
Waste Description:	MERCURY
Waste Code:	D018
Waste Description:	BENZENE
Waste Code:	D035
Waste Description:	METHYL ETHYL KETONE
Waste Code:	D039
Waste Description:	TETRACHLOROETHYLENE
Waste Code:	D040
Waste Description:	TRICHLORETHYLENE
Waste Code:	F003
Waste Description:	THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

CROWLEY PETROLEUM SERVICES (Continued) **1017769965**

Waste Code: F005
Waste Description: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Handler - Owner Operator:
Owner/Operator Indicator: Operator
Owner/Operator Name: CROWLEY PETROLEUM SERVICES
Legal Status: Private
Date Became Current: 2014-01-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: Not reported
Owner/Operator City,State,Zip: Not reported
Owner/Operator Telephone: Not reported
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Owner
Owner/Operator Name: CROWLEY MARINE SERVICES
Legal Status: Private
Date Became Current: 2001-01-01 00:00:00.
Date Ended Current: Not reported
Owner/Operator Address: 1102 SW MASSACHUSETTS ST
Owner/Operator City,State,Zip: SEATTLE, WA 98134-1030
Owner/Operator Telephone: 906-332-8000
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 2015-01-29 00:00:00.0
Handler Name: CROWLEY PETROLEUM SERVICES
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 483113
NAICS Description: COASTAL AND GREAT LAKES FREIGHT TRANSPORTATION

Facility Has Received Notices of Violations:
Violations: No Violations Found

CROWLEY PETROLEUM SERVICES (Continued) **1017769965**

Evaluation Action Summary:
Evaluations: No Evaluations Found

H48
South
1/8-1/4
0.237 mi.
1254 ft.

CROWLEY MARINE SERVICES
300 S HARBOR BLVD BR 86
SAN PEDRO, CA 90731

HAZMAT **S123551061**
N/A

Site 4 of 4 in cluster H

Relative:
Lower

Actual:
17 ft.

LOS ANGELES HM:

Name:	CROWLEY MARINE SERVICES
Address:	300 S HARBOR BLVD BR 86
City,State,Zip:	SAN PEDRO, CA 90731
Facility ID:	FA0032839
Last Run Date:	06/01/2019
Status:	ACTIVE

I49
NNW
1/4-1/2
0.291 mi.
1536 ft.

FORMER UNION OIL HARBOR PIPELINES
N/A FRONT STREET
SAN PEDRO, CA 90731

CPS-SLIC CERS **S118504653**
N/A

Site 1 of 3 in cluster I

Relative:
Lower

Actual:
13 ft.

CPS-SLIC:

Name:	FORMER UNION OIL HARBOR PIPELINES
Address:	N/A FRONT STREET
City,State,Zip:	SAN PEDRO, CA 90731
Region:	STATE
Facility Status:	**Open - Assessment & Interim Remedial Action**
Status Date:	05/15/2012
Global Id:	T10000003711
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	33.7500295
Longitude:	-118.2814852
Case Type:	Cleanup Program Site
Case Worker:	CL
Local Agency:	Not reported
RB Case Number:	1277
File Location:	Regional Board
Potential Media Affected:	Other Groundwater (uses other than drinking water), Soil
Potential Contaminants of Concern:	Lead, Crude Oil, Diesel, Gasoline, Naphthalene, Total Petroleum Hydrocarbons (TPH)
Site History:	A 12-inch diameter inactive Unocal Pipeline was located on the Port of Los Angeles property. The pipeline transported petroleum products from Berth 46 Supertanker Terminal to the Conoco Phillips refinery. The pipeline passed through long within two of the Ports redevelopment projects; 1)Front Street Widening and Beautification Project, and 2) Phase III China Shipping Expansion Project.The Unocal pipeline was removed by Phillips 66 Company (Phillips 66) though some segments were abandoned-in-place due to underground utility conflicts and/or safety concerns. results from multiple assessment identified petroleum hydrocarbon in soil and groundwater beneath the pipeline corridor. A remedial action is being reviewed by the Regional Board staff.

FORMER UNION OIL HARBOR PIPELINES (Continued) **S118504653**

Click here to access the California GeoTracker records for this facility:

CERS:

Name:	FORMER UNION OIL HARBOR PIPELINES
Address:	N/A FRONT STREET
City,State,Zip:	SAN PEDRO, CA 90731
Site ID:	235360
CERS ID:	T10000003711
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	CARLOS LANDAVERDE - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 West 4th Street
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	2136206070

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50 NNE 1/4-1/2 0.298 mi. 1575 ft. | **SAN PEDRO MARINE TERMINAL 1510 SWINFORD ST SAN PEDRO, CA 90731** | **CPS-SLIC HIST UST CERS** | **U001565567 N/A**

Relative: Lower
Actual: 13 ft.

CPS-SLIC:

Name:	FORMER CHEVRON MARINE TERMINAL
Address:	1510 SWINFORD STREET
City,State,Zip:	SAN PEDRO, CA 90731
Region:	STATE
Facility Status:	**Open - Assessment & Interim Remedial Action**
Status Date:	07/30/2010
Global Id:	SL0603707909
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	33.749942
Longitude:	-118.277888
Case Type:	Cleanup Program Site
Case Worker:	CL
Local Agency:	Not reported
RB Case Number:	1150
File Location:	Regional Board
Potential Media Affected:	Soil, Soil Vapor, Surface water
Potential Contaminants of Concern:	Diesel, Heating Oil / Fuel Oil, Other Petroleum, Waste Oil / Motor / Hydraulic / Lubricating
Site History:	The CMT, located adjacent to the CCT, operated for approximately 70 years. Facilities include 20 large aboveground fuel storage tanks, associated above- and underground piping, and buildings. Primary operations at the CMT included fueling ships with bunker fuel and filling tanker trucks with lube oils and other petroleum products (McLaren/Hart, 1994). The former CMT property previously occupied the PoLA Berths 97 and 102. This terminal was demolished between 1991 and 1993. Due to the widening of the adjacent turning basin, approximately 9 acres of the northeastern portion of the CMT were

SAN PEDRO MARINE TERMINAL (Continued) **U001565567**

removed to a depth of approximately 45 feet below the mean lower low water (MLLW) level. Consequently, the property was reconfigured to its current layout, occupying what is now called Berth 100. The CCT is located on the adjacent property to the south (Berth 96). Environmental investigations performed at both the former CMT and CCT sites indicate that the contaminant plume originating at the former CMT extends onto the adjacent CCT property. The major contaminants of concern are petroleum hydrocarbons in soils and groundwater. Additional subsurface investigations are ongoing to completely delineate impact. Measurable non-aqueous phase liquid (NAPL) was detected on October 10, 2006 in one of the groundwater monitoring wells, MW-3. Recovery activities using bailers were performed from January to April 2007. From May 2007 to the present, oil-absorbent socks (i.e., SoakEase or equivalent) have been used in well MW-03 in order to recover NAPL. Currently, the socks are removed and replaced once a week.

Click here to access the California GeoTracker records for this facility:

HIST UST:

Name:	SAN PEDRO MARINE TERMINAL
Address:	1510 SWINFORD ST
City,State,Zip:	SAN PEDRO, CA 90731
File Number:	00026F29
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00026F29.pdf
Region:	STATE
Facility ID:	00000020929
Facility Type:	Other
Other Type:	MARINE TERMINAL
Contact Name:	C.T. MENECHOIS
Telephone:	2138326474
Owner Name:	CHEVRON, USA INC
Owner Address:	1201 SO. BEACH BLVD.
Owner City,St,Zip:	LA HABRA, CA 90631
Total Tanks:	0002
Tank Num:	001
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None
Tank Num:	002
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00000000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Click here for Geo Tracker PDF:

SAN PEDRO MARINE TERMINAL (Continued) **U001565567**

CERS:

Name:	FORMER CHEVRON MARINE TERMINAL
Address:	1510 SWINFORD STREET
City,State,Zip:	SAN PEDRO, CA 90731
Site ID:	242863
CERS ID:	SL0603707909
CERS Description:	Cleanup Program Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	CARLOS LANDAVERDE - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	320 West 4th Street
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	2136206070

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51 SSW 1/4-1/2 0.327 mi. 1728 ft. **PORT OF LOS ANGELES BERTH 174** **ENVIROSTOR** **S101480931**
425 SOUTH PALOS VERDES STREET **N/A**
SAN PEDRO, CA 90733

Relative: Higher
Actual: 36 ft.

ENVIROSTOR:

Name:	PORT OF LOS ANGELES BERTH 174
Address:	425 SOUTH PALOS VERDES STREET
City,State,Zip:	SAN PEDRO, CA 90733
Facility ID:	19440005
Status:	Refer: RWQCB
Status Date:	01/11/2011
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	0
NPL:	NO
Regulatory Agencies:	US EPA
Lead Agency:	US EPA
Program Manager:	Not reported
Supervisor:	Eileen Mananian
Division Branch:	Cleanup Cypress
Assembly:	70
Senate:	35
Special Program:	EPA - PASI
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	33.73972
Longitude:	-118.2813
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	19440005
Alias Type:	Envirostor ID Number

PORT OF LOS ANGELES BERTH 174 (Continued) **S101480931**

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	05/10/1995
Comments:	NFA for DTSC, RWQCB LEAD.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Screening
Completed Date:	12/13/1990
Comments:	SITE SCREENING DONE RECEIVED REMEDIAL WORK PLAN FOR BIO TREAT. SOIL. SENT A LETTER TO PORT OF LA STATING THAT DHS HAS NO OBJECTION TO USING BIOREMEDIATION ON THE STOCKPILED SOIL-PROVIDED THAT THE PORT WORKS CLOSE- LY WITH THE RWQCB TO FULLY CHARACTERIZE THE AREA AROUND THE UNDERGROUND VAULT WHERE THE SOIL WAS EXCAVATED. ABOVE MENTIONED LETTER SENT 1-1-91.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	PA/SI Site Screening
Completed Date:	04/24/2009
Comments:	Site Screening completed by DTSC and approved by EPA

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

I52 **TODD SHIPYARD** **ENVIROSTOR** **S103972978**
NNW **710 FRONT** **EMI** **N/A**
1/4-1/2 **SAN PEDRO, CA 90731** **HIST CORTESE**
0.339 mi. **CIWQS**
1790 ft. **Site 2 of 3 in cluster I**

Relative:
Lower

Actual:
13 ft.

ENVIROSTOR:

Name:	TODD SHIPYARD (J09CA0038)
Address:	Not reported
City,State,Zip:	ALAMEDA, CA
Facility ID:	80000024
Status:	Inactive - Needs Evaluation
Status Date:	07/01/2005
Site Code:	Not reported
Site Type:	Military Evaluation
Site Type Detailed:	FUDS
Acres:	1
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Carrie Tatoian-Cain
Supervisor:	Carrie Tatoian-Cain
Division Branch:	Cleanup Berkeley

TODD SHIPYARD (Continued) **S103972978**

Assembly:	70
Senate:	09
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	DERA
Latitude:	37.78120
Longitude:	-122.2913
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CA99799F525100
Alias Type:	Federal Facility ID
Alias Name:	J09CA0038
Alias Type:	INPR
Alias Name:	201716
Alias Type:	Envirostor ID Number
Alias Name:	80000024
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

EMI:

Name:	TODD PACIFIC SHIPYARDS CORP
Address:	710 FRONT ST
City,State,Zip:	SAN PEDRO, CA 907330000
Year:	1987
County Code:	19
Air Basin:	SC
Facility ID:	21857
Air District Name:	SC
SIC Code:	3731
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	66
Reactive Organic Gases Tons/Yr:	66
Carbon Monoxide Emissions Tons/Yr:	1
NOX - Oxides of Nitrogen Tons/Yr:	3
SOX - Oxides of Sulphur Tons/Yr:	0

TODD SHIPYARD (Continued) **S103972978**

Particulate Matter Tons/Yr: 9
Part. Matter 10 Micrometers and Smllr Tons/Yr:5

HIST CORTESE:

edr_fname:	TODD SHIPYARD
edr_fadd1:	710 FRONT
City,State,Zip:	SAN PEDRO, CA 90731
Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	907310289

CIWQS:

Name:	BERTH 102 REAR BACKLAND
Address:	710 NORTH FRONT STREET
City,State,Zip:	SAN PEDRO, CA 90731
Agency:	Port of Los Angeles
Agency Address:	425 S Palos Verdes, San Pedro, CA 90731
Place/Project Type:	Construction - Industrial
SIC/NAICS:	Not reported
Region:	4
Program:	CONSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water construction
Order Number:	2009-0009-DWQ
WDID:	4 19C365679
NPDES Number:	CAS000002
Adoption Date:	Not reported
Effective Date:	02/19/2013
Termination Date:	07/01/2014
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:	33.753746
Longitude:	-118.285031

I53 **TODD PACIFIC SHIPYARDS CORPORATION** **HIST UST** **1000183794**
NNW **710 N FRONT ST** **CA FID UST** **CAD008350332**
1/4-1/2 **SAN PEDRO, CA 90731** **RCRA NonGen / NLR**
0.339 mi. **Notify 65**
1790 ft. **Site 3 of 3 in cluster I** **HAZMAT**

Relative:
Lower
Actual:
13 ft.

HIST UST:

Name:	TODD PACIFIC SHIPYARDS CORPORA
Address:	710 N FRONT STREET
City,State,Zip:	SAN PEDRO, CA 90731
File Number:	00028D4C
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00028D4C.pdf
Region:	STATE
Facility ID:	00000000369
Facility Type:	Other
Other Type:	SHIPBUILDING & REPAI
Contact Name:	LEN THORELL,

TODD PACIFIC SHIPYARDS CORPORATION (Continued) **1000183794**

Telephone:	2138323361
Owner Name:	TODD PACIFIC SHIPYARDS CORPORA
Owner Address:	710 N. FRONT STREET
Owner City,St,Zip:	SAN PEDRO, CA 90731
Total Tanks:	0006

Tank Num:	001
Container Num:	5
Year Installed:	1978
Tank Capacity:	00001000
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	002
Container Num:	4
Year Installed:	Not reported
Tank Capacity:	00000500
Tank Used for:	PRODUCT
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	003
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00003000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	004
Container Num:	3
Year Installed:	Not reported
Tank Capacity:	00010500
Tank Used for:	WASTE
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	005
Container Num:	2
Year Installed:	1979
Tank Capacity:	00001000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	None

Tank Num:	006
Container Num:	6
Year Installed:	1984
Tank Capacity:	00004000
Tank Used for:	WASTE
Type of Fuel:	Not reported

TODD PACIFIC SHIPYARDS CORPORATION (Continued) **1000183794**

Container Construction Thickness: 6
Leak Detection: None

Click here for Geo Tracker PDF:

CA FID UST:

Facility ID:	19002139
Regulated By:	UTNKA
Regulated ID:	00000369
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2138323361
Mail To:	Not reported
Mailing Address:	710 N FRONT ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	SAN PEDRO 907310000
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

RCRA NonGen / NLR:

Date Form Received by Agency:	1980-08-18 00:00:00.0
Handler Name:	TODD PACIFIC SHIPYARDS CORPORATION
Handler Address:	710 N FRONT ST
Handler City,State,Zip:	SAN PEDRO, CA 90731
EPA ID:	CAD008350332
Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	710 N FRONT ST
Contact City,State,Zip:	SAN PEDRO, CA 90731
Contact Telephone:	213-832-3361
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	CA
State District:	4
Mailing Address:	710 N FRONT ST
Mailing City,State,Zip:	SAN PEDRO, CA 90731
Owner Name:	NOT REQUIRED
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No

TODD PACIFIC SHIPYARDS CORPORATION (Continued) **1000183794**

Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2002-06-27 03:23:51.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private

TODD PACIFIC SHIPYARDS CORPORATION (Continued) **1000183794**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1980-08-18 00:00:00.0
Handler Name:	TODD PACIFIC SHIPYARDS CORPORATION
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1990-03-14 00:00:00.0
Handler Name:	TODD PACIFIC SHIPYARDS CORP
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	336611
NAICS Description:	SHIP BUILDING AND REPAIRING

Facility Has Received Notices of Violations:

Violations:	No Violations Found

TODD PACIFIC SHIPYARDS CORPORATION (Continued) **1000183794**

Evaluation Action Summary:
Evaluations: No Evaluations Found

NOTIFY 65:

Name:	TODD SHIPYARDS
Address:	710 N. FRONT ST.
City,State,Zip:	SAN PEDRO, CA 90731-1706
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
Global ID:	Not reported
Status:	Not reported

LOS ANGELES HM:

Name:	TODD PACIFIC SHIPYARDS CORP
Address:	710 N FRONT ST
City,State,Zip:	SAN PEDRO, CA 90731
Facility ID:	FA0003014
Last Run Date:	06/01/2019
Status:	INACTIVE

---

54 **PORT OF LOS ANGELES - TODD SHIPYARD** **CPS-SLIC** **S106387138**
NNE **100 REGAN** **CERS** **N/A**
1/4-1/2 **LOS ANGELES, CA 90731**
0.387 mi.
2041 ft.

Relative:
Lower

Actual:
12 ft.

SLIC REG 4:

Region:	4
Facility Status:	Inactive
SLIC:	0801
Substance:	TPH
Staff:	Not reported

CPS-SLIC:

Name:	PORT OF LOS ANGELES - TODD SHIPYARD
Address:	100 REGAN ST.
City,State,Zip:	LOS ANGELES, CA 90731
Region:	STATE
Facility Status:	**Open - Inactive**
Status Date:	06/26/2014
Global Id:	SLT4L8011872
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number:	Not reported
Latitude:	33.751921
Longitude:	-118.275874
Case Type:	Cleanup Program Site
Case Worker:	Not reported
Local Agency:	Not reported
RB Case Number:	0801
File Location:	Regional Board

PORT OF LOS ANGELES - TODD SHIPYARD (Continued) **S106387138**

Potential Media Affected: Soil
Potential Contaminants of Concern: Chromium, Copper, Lead, Mercury (elemental)
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

CERS:
Name: PORT OF LOS ANGELES - TODD SHIPYARD
Address: 100 REGAN ST.
City,State,Zip: LOS ANGELES, CA 90731
Site ID: 193216
CERS ID: SLT4L8011872
CERS Description: Cleanup Program Site

55
NW
1/4-1/2
0.400 mi.
2110 ft.

LA UNI SCH DIST, HARBOR ROC CE
740 NORTH PACIFIC AV
SAN PEDRO, CA 90051

LUST **S105938411**
Cortese **N/A**
EMI
CERS

Relative:
Higher

Actual:
61 ft.

LUST:
Name: LAUSD HARBOR OCCUPATIONAL CENTER
Address: 740 PACIFIC AVE.
City,State,Zip: SAN PEDRO, CA 90731
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603715990
Global Id: T0603715990
Latitude: 33.749319
Longitude: -118.285954
Status: Completed - Case Closed
Status Date: 07/02/2007
Case Worker: CET
RB Case Number: 907310525
Local Agency: LOS ANGELES, CITY OF
File Location: Not reported
Local Case Number: 28160
Potential Media Affect: Soil
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

LUST:
Global Id: T0603715990
Contact Type: Regional Board Caseworker
Contact Name: CHANDRA TYLER
Organization Name: LOS ANGELES RWQCB (REGION 4)
Address: Not reported
City: R4 UNKNOWN
Email: cetyler@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0603715990
Contact Type: Local Agency Caseworker
Contact Name: ELOY LUNA
Organization Name: LOS ANGELES, CITY OF
Address: 200 North Main Street, Suite 1780
City: LOS ANGELES
Email: eloy.luna@lacity.org

LA UNI SCH DIST, HARBOR ROC CE (Continued) **S105938411**

Phone Number: Not reported

LUST:
Global Id: T0603715990
Action Type: Other
Date: 04/22/2005
Action: Leak Reported

Global Id: T0603715990
Action Type: RESPONSE
Date: 05/05/2005
Action: Soil and Water Investigation Workplan

Global Id: T0603715990
Action Type: RESPONSE
Date: 11/23/2005
Action: Preliminary Site Assessment Report

Global Id: T0603715990
Action Type: ENFORCEMENT
Date: 05/22/2007
Action: Site Visit / Inspection / Sampling

Global Id: T0603715990
Action Type: ENFORCEMENT
Date: 07/02/2007
Action: Closure/No Further Action Letter

Global Id: T0603715990
Action Type: Other
Date: 05/21/2003
Action: Leak Discovery

Global Id: T0603715990
Action Type: RESPONSE
Date: 06/27/2005
Action: Other Report / Document

Global Id: T0603715990
Action Type: REMEDIATION
Date: 04/24/2003
Action: Excavation

Global Id: T0603715990
Action Type: ENFORCEMENT
Date: 05/27/2005
Action: Staff Letter

LUST:
Global Id: T0603715990
Status: Open - Case Begin Date
Status Date: 05/21/2003

Global Id: T0603715990
Status: Open - Site Assessment
Status Date: 04/22/2004

LA UNI SCH DIST, HARBOR ROC CE (Continued) **S105938411**

Global Id:	T0603715990
Status:	Open - Site Assessment
Status Date:	04/22/2005
Global Id:	T0603715990
Status:	Open - Site Assessment
Status Date:	07/28/2005
Global Id:	T0603715990
Status:	Completed - Case Closed
Status Date:	07/02/2007

CORTESE:

Name:	LAUSD HARBOR OCCUPATIONAL CENTER
Address:	740 PACIFIC AVE.
City,State,Zip:	SAN PEDRO, CA 90731
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0603715990
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

EMI:

Name:	LA UNI SCH DIST, HARBOR OCCUPA
Address:	740 NORTH PACIFIC AVE.
City,State,Zip:	SAN PEDRO, CA 90051
Year:	1987
County Code:	19
Air Basin:	SC
Facility ID:	1539
Air District Name:	SC
SIC Code:	8221
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	3
Reactive Organic Gases Tons/Yr:	3
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1

LA UNI SCH DIST, HARBOR ROC CE (Continued) **S105938411**

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

Name:	LA UNI SCH DIST, HARBOR ROC CE
Address:	740 NORTH PACIFIC AV
City,State,Zip:	SAN PEDRO, CA 90051
Year:	1990
County Code:	19
Air Basin:	SC
Facility ID:	1539
Air District Name:	SC
SIC Code:	8211
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	0
Reactive Organic Gases Tons/Yr:	0
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	LA UNI SCH DIST, HARBOR OCCUPA
Address:	740 NORTH PACIFIC AV
City,State,Zip:	SAN PEDRO, CA 90051
Year:	1995
County Code:	19
Air Basin:	SC
Facility ID:	1539
Air District Name:	SC
SIC Code:	8211
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	5
Reactive Organic Gases Tons/Yr:	3
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	1
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	LA UNI SCH DIST, HARBOR OCCUPA
Address:	740 NORTH PACIFIC AV
City,State,Zip:	SAN PEDRO, CA 90051
Year:	1997
County Code:	19
Air Basin:	SC
Facility ID:	1539
Air District Name:	SC
SIC Code:	8211
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2

LA UNI SCH DIST, HARBOR ROC CE (Continued) **S105938411**

Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	LA UNI SCH DIST, HARBOR OCCUPA
Address:	740 NORTH PACIFIC AV
City,State,Zip:	SAN PEDRO, CA 90051
Year:	1998
County Code:	19
Air Basin:	SC
Facility ID:	1539
Air District Name:	SC
SIC Code:	8211
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	1
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	LA UNI SCH DIST, HARBOR OCCUPA
Address:	740 NORTH PACIFIC AV
City,State,Zip:	SAN PEDRO, CA 90051
Year:	1999
County Code:	19
Air Basin:	SC
Facility ID:	1539
Air District Name:	SC
SIC Code:	8211
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
Reactive Organic Gases Tons/Yr:	1
Carbon Monoxide Emissions Tons/Yr:	0
NOX - Oxides of Nitrogen Tons/Yr:	0
SOX - Oxides of Sulphur Tons/Yr:	0
Particulate Matter Tons/Yr:	0
Part. Matter 10 Micrometers and Smllr Tons/Yr:	0

Name:	LA UNI SCH DIST, HARBOR OCCUPA
Address:	740 NORTH PACIFIC AV
City,State,Zip:	SAN PEDRO, CA 90051
Year:	2000
County Code:	19
Air Basin:	SC
Facility ID:	1539
Air District Name:	SC
SIC Code:	8211
Air District Name:	SOUTH COAST AQMD

LA UNI SCH DIST, HARBOR ROC CE (Continued) **S105938411**

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

Name:	LA UNI SCH DIST, HARBOR OCCUPA
Address:	740 NORTH PACIFIC AV
City,State,Zip:	SAN PEDRO, CA 90051
Year:	2001
County Code:	19
Air Basin:	SC
Facility ID:	1539
Air District Name:	SC
SIC Code:	8211
Air District Name:	SOUTH COAST AQMD
Community Health Air Pollution Info System:	Not reported
Consolidated Emission Reporting Rule:	Not reported
Total Organic Hydrocarbon Gases Tons/Yr:	2
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

CERS:

Name:	LAUSD HARBOR OCCUPATIONAL CENTER
Address:	740 PACIFIC AVE.
City,State,Zip:	SAN PEDRO, CA 90731
Site ID:	210663
CERS ID:	T0603715990
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	ELOY LUNA - LOS ANGELES, CITY OF
Entity Title:	Not reported
Affiliation Address:	200 North Main Street, Suite 1780
Affiliation City:	LOS ANGELES
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	CHANDRA TYLER - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	R4 UNKNOWN
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported

LA UNI SCH DIST, HARBOR ROC CE (Continued) **S105938411**

Affiliation Phone: Not reported

56
WNW
1/4-1/2
0.459 mi.
2421 ft.

Relative:
Higher

Actual:
94 ft.

PLAZA AUTOMOTIVE CENTER
505 NORTH PACIFIC AVE
SAN PEDRO, CA 90731

SEMS-ARCHIVE
RCRA-SQG
ENVIROSTOR
FINDS
ECHO
HAZNET
HAZMAT
HWTS

1000442774
CAD982403370

SEMS Archive:

Site ID:	0905279
EPA ID:	CAD982403370
Name:	PLAZA AUTOMOTIVE CENTER
Address:	505 NORTH PACIFIC AVE
Address 2:	Not reported
City,State,Zip:	SAN PEDRO, CA 90731
Cong District:	32
FIPS Code:	06037
FF:	N
NPL:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region:	09
Site ID:	0905279
EPA ID:	CAD982403370
Site Name:	PLAZA AUTOMOTIVE CENTER
NPL:	N
FF:	N
OU:	00
Action Code:	VS
Action Name:	ARCH SITE
SEQ:	1
Start Date:	Not reported
Finish Date:	1996-09-25 04:00:00
Qual:	Not reported
Current Action Lead:	EPA Perf In-Hse

Region:	09
Site ID:	0905279
EPA ID:	CAD982403370
Site Name:	PLAZA AUTOMOTIVE CENTER
NPL:	N
FF:	N
OU:	00
Action Code:	DS
Action Name:	DISCVRY
SEQ:	1
Start Date:	1995-08-23 04:00:00
Finish Date:	1995-08-23 04:00:00
Qual:	Not reported
Current Action Lead:	St Perf

Region:	09
Site ID:	0905279

PLAZA AUTOMOTIVE CENTER (Continued) **1000442774**

EPA ID:	CAD982403370
Site Name:	PLAZA AUTOMOTIVE CENTER
NPL:	N
FF:	N
OU:	00
Action Code:	PA
Action Name:	PA
SEQ:	1
Start Date:	Not reported
Finish Date:	1996-09-25 04:00:00
Qual:	N
Current Action Lead:	St Perf

RCRA-SQG:

Date Form Received by Agency:	1990-02-12 00:00:00.0
Handler Name:	PLAZA AUTOMOTIVE CENTER
Handler Address:	505 N PACIFIC AVE
Handler City,State,Zip:	SAN PEDRO, CA 90731
EPA ID:	CAD982403370
Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	505 N PACIFIC AVE
Contact City,State,Zip:	SAN PEDRO, CA 90731
Contact Telephone:	213-831-0662
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	CA
State District:	4
Mailing Address:	N PACIFIC AVE
Mailing City,State,Zip:	SAN PEDRO, CA 90731
Owner Name:	AH MIRMOTAHARI
Owner Type:	Private
Operator Name:	NOT REQUIRED
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported

PLAZA AUTOMOTIVE CENTER (Continued) **1000442774**

Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2000-09-15 17:30:18.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	AH MIRMOTAHARI
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED

PLAZA AUTOMOTIVE CENTER (Continued) **1000442774**

Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1990-02-12 00:00:00.0
Handler Name:	PLAZA AUTOMOTIVE CENTER
Federal Waste Generator Description:	Small Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

ENVIROSTOR:

Name:	PLAZA AUTOMOTIVE CENTER
Address:	505 NORTH PACIFIC AVENUE
City,State,Zip:	SAN PEDRO, CA 90731
Facility ID:	19750082
Status:	Inactive - Needs Evaluation
Status Date:	10/03/1996
Site Code:	400567
Site Type:	Historical
Site Type Detailed:	* Historical
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	US EPA
Lead Agency:	US EPA
Program Manager:	Not reported
Supervisor:	* Rebecca Chou
Division Branch:	Cleanup Chatsworth
Assembly:	70
Senate:	35
Special Program:	Not reported
Restricted Use:	NO

PLAZA AUTOMOTIVE CENTER (Continued) **1000442774**

Site Mgmt Req: NONE SPECIFIED
Funding: Not reported
Latitude: 33.74742
Longitude: -118.2882
APN: 7448027031
Past Use: NONE SPECIFIED
Potential COC: * HALOGENATED ORGANIC COMPOUNDS * HALOGENATED SOLVENTS * HYDROCARBON SOLVENTS * OTHER ORGANIC SOLIDS * OXYGENATED SOLVENTS * UNSPECIFIED OIL CONTAINING WASTE * UNSPECIFIED SOLVENT MIXTURES * WASTE OIL & MIXED OIL * ORGANIC LIQUIDS (NONSOLVENTS) WITH HALOGENS * UNSPECIFIED ORGANIC LIQUID MIXTURE
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: BANK OF SAN PEDRO
Alias Type: Alternate Name
Alias Name: 7448027031
Alias Type: APN
Alias Name: CAD982403370
Alias Type: EPA Identification Number
Alias Name: 110002805171
Alias Type: EPA (FRS #)
Alias Name: 400567
Alias Type: Project Code (Site Code)
Alias Name: 19750082
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: 09/25/1996
Comments: Preliminary assessment was completed under U.S. EPA grant. The site does not qualify for further remedial assessment under CERCLA (Site Evaluation Accomplished) - however, a PEA is required for DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 05/22/1995
Comments: The Department received non-emergency hazardous substance release report dated March 24, 1995. The site is contamin- ated with methylene chloride, TPH, and tetrachloroethene. Due to evidence of contamination, the Department recommended that a PEA be conducted and notified the RP. The FDIC, in its capacity as Receiver of the Bank of San Pedro, involuntarily acquired the property as a result of the closure of the Bank on July 15, 1994.

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

PLAZA AUTOMOTIVE CENTER (Continued) **1000442774**

FINDS:
Registry ID: 110002805171

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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

ECHO:

Envid:	1000442774
Registry ID:	110002805171
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110002805171
Name:	PLAZA AUTOMOTIVE CENTER
Address:	505 N PACIFIC AVE
City,State,Zip:	SAN PEDRO, CA 90731

HAZNET:

Name:	PLAZA AUTOMOTIVE CENTER
Address:	505 N PACIFIC AVE
Address 2:	Not reported
City,State,Zip:	SAN PEDRO, CA 907310000
Contact:	INACTIVE, HAVE ANOTHER # PER
Telephone:	--
Mailing Name:	Not reported
Mailing Address:	505 N PACIFIC AVE
Year:	1998
Gepaid:	CAD982403370
TSD EPA ID:	CAT000613893
CA Waste Code:	134 - Aqueous solution with total organic residues less than 10 percent
Disposal Method:	H01 - Transfer Station
Tons:	0.0546

Additional Info:

Year:	1998
Gen EPA ID:	CAD982403370
Shipment Date:	19980812
Creation Date:	10/1/1998 0:00:00
Receipt Date:	19980813
Manifest ID:	98274722
Trans EPA ID:	ILD984908202
Trans Name:	Not reported
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAT000613893
Trans Name:	Not reported

PLAZA AUTOMOTIVE CENTER (Continued) **1000442774**

TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	134 - Aqueous solution with <10% total organic residues
RCRA Code:	D006
Meth Code:	H01 - Transfer Station
Quantity Tons:	0.0546
Waste Quantity:	13
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

LOS ANGELES HM:

Name:	PLAZA AUTO CENTER
Address:	505 N PACIFIC AVE
City,State,Zip:	SAN PEDRO, CA 90731
Facility ID:	FA0025718
Last Run Date:	06/01/2019
Status:	INACTIVE

HWTS:

Name:	PLAZA AUTOMOTIVE CENTER
Address:	505 N PACIFIC AVE
Address 2:	Not reported
City,State,Zip:	SAN PEDRO, CA 907310000
EPA ID:	CAD982403370
Inactive Date:	10/31/1996
Create Date:	06/29/1990
Last Act Date:	08/10/2004
Mailing Name:	Not reported
Mailing Address:	505 N PACIFIC AVE
Mailing Address 2:	Not reported
Mailing City,State,Zip:	SAN PEDRO, CA 907312021
Owner Name:	--
Owner Address:	--
Owner Address 2:	Not reported
Owner City,State,Zip:	--, 99 --
Contact Name:	INACTIVE, HAVE ANOTHER # PER
Contact Address:	HAMID VASAMAMESH(310) 831-0662
Contact Address 2:	Not reported
City,State,Zip:	--, 99 --

57
West
1/4-1/2
0.499 mi.
2637 ft.

BARTON HILL ELEMENTARY SCHOOL
423 PACIFIC AVENUE
SAN PEDRO, CA 90731

ENVIROSTOR SCH CERS **S105628593 N/A**

Relative:
Higher

Actual:
110 ft.

ENVIROSTOR:

Name:	BARTON HILL ELEMENTARY SCHOOL
Address:	423 PACIFIC AVENUE
City,State,Zip:	SAN PEDRO, CA 90731
Facility ID:	19820064
Status:	Inactive - Needs Evaluation
Status Date:	02/01/2001

BARTON HILL ELEMENTARY SCHOOL (Continued) **S105628593**

Site Code: 304229
Site Type: School Investigation
Site Type Detailed: School
Acres: Not reported
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Shahir Haddad
Supervisor: Shahir Haddad
Division Branch: Southern California Schools & Brownfields Outreach
Assembly: 70
Senate: 35
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 33.74646
Longitude: -118.2889
APN: 7448028904
Past Use: * EDUCATIONAL SERVICES
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: BARTON HILL ELEMENTARY SCHOOL
Alias Type: Alternate Name
Alias Name: LAUSD-BARTON HILL ADDITION
Alias Type: Alternate Name
Alias Name: LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type: Alternate Name
Alias Name: 7448028904
Alias Type: APN
Alias Name: 304229
Alias Type: Project Code (Site Code)
Alias Name: 19820064
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Inactive Status Letter
Completed Date: 02/08/2001
Comments: Inactive Status Letter sent to LAUSD.

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

BARTON HILL ELEMENTARY SCHOOL (Continued) **S105628593**

SCH:

Name:	BARTON HILL ELEMENTARY SCHOOL
Address:	423 PACIFIC AVENUE
City,State,Zip:	SAN PEDRO, CA 90731
Facility ID:	19820064
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	Not reported
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Shahir Haddad
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	304229
Assembly:	70
Senate:	35
Special Program Status:	Not reported
Status:	Inactive - Needs Evaluation
Status Date:	02/01/2001
Restricted Use:	NO
Funding:	School District
Latitude:	33.74646
Longitude:	-118.2889
APN:	7448028904
Past Use:	* EDUCATIONAL SERVICES
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	BARTON HILL ELEMENTARY SCHOOL
Alias Type:	Alternate Name
Alias Name:	LAUSD-BARTON HILL ADDITION
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	7448028904
Alias Type:	APN
Alias Name:	304229
Alias Type:	Project Code (Site Code)
Alias Name:	19820064
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/10/2000
Comments:	Not reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Inactive Status Letter
Completed Date:	02/08/2001
Comments:	Inactive Status Letter sent to LAUSD.

BARTON HILL ELEMENTARY SCHOOL (Continued) **S105628593**

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:

Name:	BARTON HILL ELEMENTA
Address:	423 PACIFIC AVENUE
City,State,Zip:	SAN PEDRO, CA 90731
Site ID:	334941
CERS ID:	19820064
CERS Description:	School Investigation

Affiliation:

Affiliation Type Desc:	Lead Project Manager
Entity Name:	SHAHIR HADDAD
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	CYPRESS
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Supervisor
Entity Name:	SHAHIR HADDAD
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

58
SW
1/2-1
0.624 mi.
3297 ft.

RICHARDS CLEANERS
538 WEST 5TH STREET
SAN PEDRO, CA 90731

RESPONSE **S108054419**
ENVIROSTOR **N/A**
LIENS
Cortese
CERS

Relative:
Higher

Actual:
87 ft.

RESPONSE:

Name:	RICHARDS CLEANERS
Address:	538 WEST 5TH STREET
City,State,Zip:	SAN PEDRO, CA 90731
Facility ID:	60000408
Site Type:	State Response
Site Type Detail:	State Response or NPL
Acres:	0.34
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Joseph Cully

RICHARDS CLEANERS (Continued) **S108054419**

Supervisor:	Patrick Hsieh
Division Branch:	Cleanup Cypress
Site Code:	401317
Site Mgmt. Req.:	NONE SPECIFIED
Assembly:	70
Senate:	35
Special Program Status:	Not reported
Status:	Active
Status Date:	09/19/2013
Restricted Use:	NO
Funding:	Responsible Party
Latitude:	33.73992
Longitude:	-118.2888
APN:	7451-027-004
Past Use:	DRY CLEANING
Potential COC :	Tetrachloroethylene (PCE TPH-gas Trichloroethylene (TCE
Confirmed COC:	Tetrachloroethylene (PCE TPH-gas Trichloroethylene (TCE
Potential Description:	AQUI, OTH, SOIL, SV
Alias Name:	7451-027-004
Alias Type:	APN
Alias Name:	110033606578
Alias Type:	EPA (FRS #)
Alias Name:	401317
Alias Type:	Project Code (Site Code)
Alias Name:	60000408
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:	10/13/2009
Comments:	Letter sent out on October 13, 2009.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	01/12/2012
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	03/20/2012
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	06/01/2012
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Other Report
Completed Date:	07/02/2012
Comments:	Not reported

RICHARDS CLEANERS (Continued) **S108054419**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/15/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/12/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 04/14/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/03/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/23/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 02/26/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 05/25/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 07/30/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 08/17/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork

RICHARDS CLEANERS (Continued) **S108054419**

Completed Date: 08/20/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 12/18/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 12/10/2009
Comments: Cost Recovery Demand Letter Sent certified mail

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 08/16/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 11/16/2010
Comments: Second Collection Letter sent certified mail.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 11/07/2008
Comments: The Order was issued on November 7, 2008.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/18/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 12/20/2010
Comments: Final collection letter sent.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/26/2010
Comments: Sent letter on October 26, 2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 01/30/2012
Comments: Reminder sent regarding unpaid past due invoices.

RICHARDS CLEANERS (Continued) **S108054419**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/01/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/29/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/13/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 08/09/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 11/23/2009
Comments: On November 23, 2009, DTSC stated that the addendum to the RI/FS workplan submitted on November 4, 2009 was complete, and the workplan was therefore approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 05/01/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 01/26/2009
Comments: Geologist approved modified workplan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/27/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/05/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE

RICHARDS CLEANERS (Continued) **S108054419**

Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/19/2011
Comments: No further revisions were required. The consultant was simply involved to apply comments to future groundwater monitoring reports.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/05/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 03/21/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/05/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/26/2012
Comments: No changes were requested. Comments were made to be incorporated into future groundwater monitoring reports.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/16/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/30/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/30/2005
Comments: DTSC had no comments on this document.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 02/25/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

RICHARDS CLEANERS (Continued) **S108054419**

Completed Document Type: Site Characterization Report
Completed Date: 02/24/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/13/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/14/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/18/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/30/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 12/08/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/16/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Injunctive Relief Order
Completed Date: 10/02/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Request for Tribal Outreach
Completed Date: 05/04/2018
Comments: Signed by branch chief and mailed to Environmental Justice and Tribal Affairs on this date.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 08/13/2018

RICHARDS CLEANERS (Continued) **S108054419**

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/04/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 12/19/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/17/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 06/30/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 06/30/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/26/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/07/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/28/2011
Comments: No further changes in the report are required by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/24/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE

RICHARDS CLEANERS (Continued) **S108054419**

Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 07/28/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/28/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 07/28/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/28/2011
Comments: Groundwater monitoring report was approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 02/21/2012
Comments: This report was approved by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 05/29/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/09/2010
Comments: Final letter from DTSC went out on 3/9/2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 10/28/2009
Comments: Cost Recovery Demand Letter sent.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 10/11/2010
Comments: Cost Recovery letter sent for past due invoice balances.

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Remedial Action Completion Report
Future Due Date: 2022

RICHARDS CLEANERS (Continued) **S108054419**

Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Removal Action Workplan
Future Due Date:	2021
Future Area Name:	PROJECT WIDE
Future Sub Area Name:	Not reported
Future Document Type:	Certification
Future Due Date:	2022
Schedule Area Name:	PROJECT WIDE
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Site Characterization Report
Schedule Due Date:	11/26/2020
Schedule Revised Date:	07/28/2021

ENVIROSTOR:

Name:	RICHARDS CLEANERS
Address:	538 WEST 5TH STREET
City,State,Zip:	SAN PEDRO, CA 90731
Facility ID:	60000408
Status:	Active
Status Date:	09/19/2013
Site Code:	401317
Site Type:	State Response
Site Type Detailed:	State Response or NPL
Acres:	0.34
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Joseph Cully
Supervisor:	Patrick Hsieh
Division Branch:	Cleanup Cypress
Assembly:	70
Senate:	35
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	33.73992
Longitude:	-118.2888
APN:	7451-027-004
Past Use:	DRY CLEANING
Potential COC:	Tetrachloroethylene (PCE TPH-gas Trichloroethylene (TCE
Confirmed COC:	Tetrachloroethylene (PCE TPH-gas Trichloroethylene (TCE
Potential Description:	AQUI, OTH, SOIL, SV
Alias Name:	7451-027-004
Alias Type:	APN
Alias Name:	110033606578
Alias Type:	EPA (FRS #)
Alias Name:	401317
Alias Type:	Project Code (Site Code)
Alias Name:	60000408
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

RICHARDS CLEANERS (Continued) **S108054419**

Completed Date: 10/13/2009
Comments: Letter sent out on October 13, 2009.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/12/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/20/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 06/01/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/02/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/15/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/12/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 04/14/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/03/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 01/23/2007
Comments: Not reported

RICHARDS CLEANERS (Continued) **S108054419**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot Study/Treatability Workplan
Completed Date: 02/26/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 05/25/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 07/30/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 08/17/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fieldwork
Completed Date: 08/20/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Pilot/Treatability Study Report
Completed Date: 12/18/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 12/10/2009
Comments: Cost Recovery Demand Letter Sent certified mail

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 08/16/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 11/16/2010
Comments: Second Collection Letter sent certified mail.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)

RICHARDS CLEANERS (Continued) **S108054419**

Completed Date: 11/07/2008
Comments: The Order was issued on November 7, 2008.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 04/18/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 12/20/2010
Comments: Final collection letter sent.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/26/2010
Comments: Sent letter on October 26, 2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 01/30/2012
Comments: Reminder sent regarding unpaid past due invoices.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/01/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/29/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/13/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 08/09/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 11/23/2009
Comments: On November 23, 2009, DTSC stated that the addendum to the RI/FS workplan submitted on November 4, 2009 was complete, and the workplan

RICHARDS CLEANERS (Continued) **S108054419**

was therefore approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 05/01/2008
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 01/26/2009
Comments: Geologist approved modified workplan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/27/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Report
Completed Date: 01/05/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/19/2011
Comments: No further revisions were required. The consultant was simply involved to apply comments to future groundwater monitoring reports.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/05/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 03/21/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/05/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/26/2012
Comments: No changes were requested. Comments were made to be incorporated into future groundwater monitoring reports.

RICHARDS CLEANERS (Continued) **S108054419**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/16/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/30/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 06/30/2005
Comments: DTSC had no comments on this document.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 02/25/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 02/24/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 09/13/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/14/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/18/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/30/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report

RICHARDS CLEANERS (Continued) **S108054419**

Completed Date: 12/08/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 09/16/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Injunctive Relief Order
Completed Date: 10/02/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Request for Tribal Outreach
Completed Date: 05/04/2018
Comments: Signed by branch chief and mailed to Environmental Justice and Tribal Affairs on this date.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Decree
Completed Date: 08/13/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/04/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 12/19/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/17/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 06/30/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 06/30/2010
Comments: Not reported

RICHARDS CLEANERS (Continued) **S108054419**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/26/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/07/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/28/2011
Comments: No further changes in the report are required by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/24/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 07/28/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/28/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 07/28/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/28/2011
Comments: Groundwater monitoring report was approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 02/21/2012
Comments: This report was approved by DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan

RICHARDS CLEANERS (Continued) **S108054419**

Completed Date: 05/29/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 03/09/2010
Comments: Final letter from DTSC went out on 3/9/2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 10/28/2009
Comments: Cost Recovery Demand Letter sent.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 10/11/2010
Comments: Cost Recovery letter sent for past due invoice balances.

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Remedial Action Completion Report
Future Due Date: 2022
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Removal Action Workplan
Future Due Date: 2021
Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Certification
Future Due Date: 2022
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Site Characterization Report
Schedule Due Date: 11/26/2020
Schedule Revised Date: 07/28/2021

LIENS:
Name: RICHARDS CLEANERS
City,State,Zip: SAN PEDRO, CA 90731
Envirostor Id: 60000408
Latitude: 33.739920
Longitude: -118.28884
Project Mgr: JOSEPH CULLY
Project Code: 401317
If Satisfied: NO
Date Satisfied: Not reported
Site Status: ACTIVE
Site Type: STATE RESPONSE OR NPL
Completed: Not reported
Lien Amount: Not reported
Amount Remaining: Not reported
APNS: 7451-027-004
Description: World Cleaners, Inc., was a dry cleaning company which did business at the Site as Richards Cleaners. The Site is currently used as a

RICHARDS CLEANERS (Continued) **S108054419**

warehouse, no longer for dry cleaning or laundry. The Site is situated in an area that is zoned for commercial and residential purposes. According to information presented in a Phase 1 Environmental Site Assessment (ESA) conducted in June of 2005, dry cleaning operations have been conducted on Site since 1918, and possibly as early as 1904. The primary Constituents of Potential Concern (COPCs) identified by Site investigations are: tetrachloroethylene (PCE) trichloroethylene (PCE). Other COPCs resulting from the degradation of chlorinated hydrocarbons include: cis-1,2-dichloroethene, trans-1,2-dichloroethene, 1,1-dichloroethene, and vinyl chloride, in addition to gasoline range hydrocarbons. A consultant company has submitted a workplan for Remedial Investigation and Feasibility Study activities, which DTSC has approved.

CORTESE:

Name:	RICHARDS CLEANERS
Address:	538 WEST 5TH STREET
City,State,Zip:	SAN PEDRO, CA 90731
Region:	CORTESE
Envirostor Id:	60000408
Global ID:	Not reported
Site/Facility Type:	STATE RESPONSE
Cleanup Status:	ACTIVE
Status Date:	09/19/2013
Site Code:	401317
Latitude:	33.739920
Longitude:	-118.28884
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:

Name:	RICHARDS CLEANERS
Address:	538 WEST 5TH STREET
City,State,Zip:	SAN PEDRO, CA 90731
Site ID:	342188
CERS ID:	60000408
CERS Description:	State Response

Affiliation:

Affiliation Type Desc:	Supervisor
Entity Name:	PATRICK HSIEH
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

RICHARDS CLEANERS (Continued) **S108054419**

Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Lead Project Manager
Entity Name:	JOSEPH CULLY
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	CYPRESS
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

59
WSW
1/2-1
0.691 mi.
3647 ft.

OCEAN PARK CLEANERS
114 N. GAFFEY STREET
SAN PEDRO, CA 90731

ENVIROSTOR **S106843138**
N/A

Relative:
Higher

Actual:
136 ft.

ENVIROSTOR:

Name:	OCEAN PARK CLEANERS
Address:	114 N. GAFFEY STREET
City,State,Zip:	SAN PEDRO, CA 90731
Facility ID:	19720032
Status:	Refer: 1248 Local Agency
Status Date:	06/13/2001
Site Code:	Not reported
Site Type:	Evaluation
Site Type Detailed:	Evaluation
Acres:	Not reported
NPL:	NO
Regulatory Agencies:	NONE SPECIFIED
Lead Agency:	NONE SPECIFIED
Program Manager:	Not reported
Supervisor:	Referred - Not Assigned
Division Branch:	Cleanup Cypress
Assembly:	54
Senate:	Not reported
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not Applicable
Latitude:	33.74360
Longitude:	-118.2918
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	19720032
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	SB 1248 Notification
Completed Date:	06/08/2001

OCEAN PARK CLEANERS (Continued) **S106843138**

Comments: SB 1248 Los Angeles County

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

J60 ESE 1/2-1 0.792 mi. 4180 ft. **TERINALM IS BAR BALLLON SITE A** **FUDS** **1024903676 N/A**

EAST SAN PEDRO, CA

Site 1 of 2 in cluster J

Relative: Lower
Actual: 6 ft.

FUDS:

EPA Region:	09
Installation ID:	CA99799F563500
Congressional District Number:	44
Facility Name:	TERINALM IS BAR BALLLON SITE A
FUDS Number:	J09CA0643
City:	EAST SAN PEDRO
State:	CA
County:	LOS ANGELES
Object ID:	7633
USACE District:	Los Angeles District (SPL)
Status:	Properties without projects
Current Owner:	Local Government
EMS Map Link:	https://fudsportal.usace.army.mil/ems/ems/inventory/map/map?id=61215
Eligibility:	Eligible
Has Projects:	No
NPL Status:	Not Listed
Latitude:	33.741388890000003
Longitude:	-118.26694444

J61 ESE 1/2-1 0.794 mi. 4194 ft. **TERMINAL ISL BAR BAL A** **ENVIROSTOR** **S107737438 N/A**

LONG BEACH, CA

Site 2 of 2 in cluster J

Relative: Lower
Actual: 6 ft.

ENVIROSTOR:

Name:	TERMINAL ISL BAR BAL A
Address:	Not reported
City,State,Zip:	LONG BEACH, CA
Facility ID:	80000484
Status:	Inactive - Needs Evaluation
Status Date:	07/01/2005
Site Code:	Not reported
Site Type:	Military Evaluation
Site Type Detailed:	FUDS
Acres:	Not reported
NPL:	NO

TERMINAL ISL BAR BAL A (Continued) **S107737438**

Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Douglas Bautista
Division Branch:	Cleanup Cypress
Assembly:	70
Senate:	35
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	DERA
Latitude:	33.74138
Longitude:	-118.2669
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CA99799F563500
Alias Type:	Federal Facility ID
Alias Name:	J09CA0643
Alias Type:	INPR
Alias Name:	80000484
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

K62 **TODD SHIPYARD** **FUDS** **1024903365**
NE **N/A**
1/2-1 **ALAMEDA, CA**
0.807 mi.
4262 ft. **Site 1 of 2 in cluster K**

Relative:
Lower

Actual:
8 ft.

FUDS:

EPA Region:	09
Installation ID:	CA99799F525100
Congressional District Number:	44
Facility Name:	TODD SHIPYARD
FUDS Number:	J09CA0038
City:	ALAMEDA
State:	CA
County:	ALAMEDA
Object ID:	7687

TODD SHIPYARD (Continued) **1024903365**

USACE District:	Sacramento District (SPK)
Status:	Properties without projects
Current Owner:	Not reported
EMS Map Link:	https://fudsportal.usace.army.mil/ems/ems/inventory/map/map?id=60945
Eligibility:	Eligible
Has Projects:	No
NPL Status:	Not Listed
Latitude:	33.754722219999898
Longitude:	-118.27055556000001

K63 **UNOCAL SAN PEDRO MARINA** **CHMIRS** **S100179287**
NE **MAIN CHANNEL** **Notify 65** **N/A**
1/2-1 **SAN PEDRO, CA**
0.813 mi.
4292 ft. **Site 2 of 2 in cluster K**

Relative:
Lower

Actual:
8 ft.

CHMIRS:

Name:	Not reported
Address:	MAIN CHANNEL
City,State,Zip:	SAN PEDRO, CA
OES Incident Number:	3-2942
OES notification:	06/08/2003
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Yes
Waterway:	LA Main Channel
Spill Site:	Not reported
Cleanup By:	Unknown
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported

UNOCAL SAN PEDRO MARINA (Continued) **S100179287**

Date/Time:	Not reported
Year:	2003
Agency:	NRC
Incident Date:	6/8/200312:00:00 AM
Admin Agency:	L. A. County Fire Prevention
Amount:	Not reported
Contained:	Unknown
Site Type:	Ship/Harbor/Port
E Date:	Not reported
Substance:	Lubricating oil
Gallons:	4
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Per the NRC report, a sheen was discovered in the LA main channel. Material is dissipating naturally.

NOTIFY 65:

Name:	UNOCAL SAN PEDRO MARINA
Address:	MAIN CHANNEL
City,State,Zip:	SAN PEDRO, CA
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
Global ID:	Not reported
Status:	Not reported

64 **SE** **1/2-1** **0.826 mi.** **4363 ft.** **Relative:** **Lower** **Actual:** **6 ft.**	**SOUTHWEST MARINE SAN PEDRO** **985 SOUTH SEASIDE** **TERMINAL ISLAND, CA 90731**	**RCRA-SQG** **RESPONSE** **ENVIROSTOR** **LUST** **CPS-SLIC** **CHMIRS** **FINDS** **ECHO** **Cortese** **ENF** **HIST CORTESE** **CIWQS** **CERS**	**1000411013** **CAD980638076**

RCRA-SQG:

Date Form Received by Agency:	2004-03-24 00:00:00.0
Handler Name:	SOUTHWEST MARINE SAN PEDRO
Handler Address:	985 SOUTH SEASIDE
Handler City,State,Zip:	TERMINAL ISLAND, CA 90731
EPA ID:	CAD980638076
Contact Name:	SANDOR HALVAX
Contact Address:	Not reported
Contact City,State,Zip:	Not reported
Contact Telephone:	619-238-1000 2060
Contact Fax:	Not reported
Contact Email:	HALVAXS@SWMARINE.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Private
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	2003
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	P.O. BOX 3600
Mailing City,State,Zip:	TERMINAL ISLAND, CA 90731
Owner Name:	PORT OF LOS ANGELES
Owner Type:	District
Operator Name:	SOUTHWEST MARINE
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site Fed-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site Converter Treatment storage and Disposal Facility:	Not reported
Active Site State-Reg Treatment Storage and Disposal Facility:	Not reported
Active Site State-Reg Handler:	---

SOUTHWEST MARINE SAN PEDRO (Continued) **1000411013**

Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	NN
Sub-Part K Indicator:	Not reported
Commercial TSD Indicator:	No
Treatment Storage and Disposal Type:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
Permit Renewals Workload Universe:	Not reported
Permit Workload Universe:	Not reported
Permit Progress Universe:	Not reported
Post-Closure Workload Universe:	Not reported
Closure Workload Universe:	Not reported
202 GPRA Corrective Action Baseline:	No
Corrective Action Workload Universe:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
TSDFs Potentially Subject to CA Under 3004 (u)/(v) Universe:	No
TSDFs Only Subject to CA under Discretionary Auth Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Operating TSDF Universe:	Not reported
Full Enforcement Universe:	Not reported
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	2004-12-03 00:00:00.0
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	Not reported
Manifest Broker:	Not reported
Sub-Part P Indicator:	Not reported

Biennial: List of Years
Year: 2003

Click Here for Biennial Reporting System Data:

Hazardous Waste Summary:

Waste Code:	D001
Waste Description:	IGNITABLE WASTE
Waste Code:	D002
Waste Description:	CORROSIVE WASTE
Waste Code:	D005
Waste Description:	BARIUM
Waste Code:	D008
Waste Description:	LEAD

SOUTHWEST MARINE SAN PEDRO (Continued) **1000411013**

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	PORT OF LOS ANGELES
Legal Status:	District
Date Became Current:	1907-12-09 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	425 S. PALOS VERDES STREET
Owner/Operator City,State,Zip:	SAN PEDRO, CA 90731
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	SOUTHWEST MARINE
Legal Status:	Private
Date Became Current:	1987-06-01 00:00:00.
Date Ended Current:	Not reported
Owner/Operator Address:	Not reported
Owner/Operator City,State,Zip:	Not reported
Owner/Operator Telephone:	Not reported
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name:	ARTHUR ENGEL
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name:	NOT REQUIRED
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	1996-09-01 00:00:00.0
Handler Name: SOUTHWEST MARINE INC	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No

SOUTHWEST MARINE SAN PEDRO (Continued) **1000411013**

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

Receive Date:	1981-10-13 00:00:00.0
Handler Name: SOUTHWEST MARINE INC	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	CA
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1990-04-03 00:00:00.0
Handler Name: SOUTHWEST MARINE INC	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1994-03-31 00:00:00.0
Handler Name: SOUTHWEST MARINE, INC.	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

Receive Date:	1996-06-25 00:00:00.0
Handler Name: SOUTHWEST MARINE, INC.	
Federal Waste Generator Description:	Large Quantity Generator
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	No
Non Storage Recycler Activity:	Not reported

SOUTHWEST MARINE SAN PEDRO (Continued) **1000411013**

Electronic Manifest Broker: Not reported

Receive Date: 1999-04-15 00:00:00.0
Handler Name: SOUTHWEST MARINE, SAN PEDRO
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2000-10-12 00:00:00.0
Handler Name: SOUTHWEST MARINE, INC.
Federal Waste Generator Description: Large Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: No
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

Receive Date: 2004-03-24 00:00:00.0
Handler Name: SOUTHWEST MARINE SAN PEDRO
Federal Waste Generator Description: Small Quantity Generator
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 336611
NAICS Description: SHIP BUILDING AND REPAIRING

NAICS Code: 336612
NAICS Description: BOAT BUILDING

NAICS Code: 48839
NAICS Description: OTHER SUPPORT ACTIVITIES FOR WATER TRANSPORTATION

Facility Has Received Notices of Violation:
Found Violation: No
Agency Which Determined Violation: Not reported
Violation Short Description: Not reported
Date Violation was Determined: Not reported

SOUTHWEST MARINE SAN PEDRO (Continued) **1000411013**

Actual Return to Compliance Date: Not reported
Return to Compliance Qualifier: Not reported
Violation Responsible Agency: Not reported
Scheduled Compliance Date: Not reported
Enforcement Identifier: Not reported
Date of Enforcement Action: Not reported
Enforcement Responsible Agency: Not reported
Enforcement Docket Number: Not reported
Enforcement Attorney: Not reported
Corrective Action Component: Not reported
Appeal Initiated Date: Not reported
Appeal Resolution Date: Not reported
Disposition Status Date: Not reported
Disposition Status: Not reported
Disposition Status Description: Not reported
Consent/Final Order Sequence Number:Not reported
Consent/Final Order Respondent Name: Not reported
Consent/Final Order Lead Agency: Not reported
Enforcement Type: Not reported
Enforcement Responsible Person: Not reported
Enforcement Responsible Sub-Organization: Not reported
SEP Sequence Number: Not reported
SEP Expenditure Amount: Not reported
SEP Scheduled Completion Date: Not reported
SEP Actual Date: Not reported
SEP Defaulted Date: Not reported
SEP Type: Not reported
SEP Type Description: Not reported
Proposed Amount: Not reported
Final Monetary Amount: Not reported
Paid Amount: Not reported
Final Count: Not reported
Final Amount: Not reported

Evaluation Action Summary:
Evaluation Date: 2005-12-21 00:00:00.0
Evaluation Responsible Agency: State Contractor/Grantee
Found Violation: No
Evaluation Type Description: COMPLIANCE EVALUATION INSPECTION ON-SITE
Evaluation Responsible Person Identifier: Not reported
Evaluation Responsible Sub-Organization: Not reported
Actual Return to Compliance Date: Not reported
Scheduled Compliance Date: Not reported
Date of Request: Not reported
Date Response Received: Not reported
Request Agency: Not reported
Former Citation: Not reported

RESPONSE:
Name: SOUTHWEST MARINE TERMINAL ISLAND FACILITY
Address: 985 SEASIDE AVENUE
City,State,Zip: SAN PEDRO, CA 90731
Facility ID: 60000999
Site Type: State Response
Site Type Detail: State Response or NPL

SOUTHWEST MARINE SAN PEDRO (Continued) **1000411013**

Acres:	20
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Nicholas Ta
Supervisor:	Patrick Hsieh
Division Branch:	Cleanup Cypress
Site Code:	401456
Site Mgmt. Req.:	NONE SPECIFIED
Assembly:	70
Senate:	35
Special Program Status:	Not reported
Status:	Active
Status Date:	11/05/2008
Restricted Use:	NO
Funding:	Responsible Party
Latitude:	33.73449
Longitude:	-118.2696
APN:	7440-031-907, 7440-032-904, 7440-033-904, 7440-034-903
Past Use:	SHIPYARD - SHIP BUILDING/REPAIR
Potential COC :	Arsenic Lead Mercury (elemental TPH-diesel TPH-gas Antimony and compounds Chromium III Copper and compounds 1,4-Dioxane Furan Nickel Polychlorinated biphenyls (PCBs, see IRIS Selenium Zinc
Confirmed COC:	Arsenic Lead Mercury (elemental TPH-diesel TPH-gas Antimony and compounds Polychlorinated biphenyls (PCBs, see IRIS Selenium Chromium III Copper and compounds Nickel Zinc
Potential Description:	AQUI, OTH, SED, SOIL, SV
Alias Name:	7440-031-907
Alias Type:	APN
Alias Name:	7440-032-904
Alias Type:	APN
Alias Name:	7440-033-904
Alias Type:	APN
Alias Name:	7440-034-903
Alias Type:	APN
Alias Name:	401456
Alias Type:	Project Code (Site Code)
Alias Name:	60000999
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:	10/26/2010
Comments:	Letter sent on 10/26/2010.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Technical Report
Completed Date:	09/04/2019
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Technical Report
Completed Date:	02/03/2020
Comments:	Not reported

SOUTHWEST MARINE SAN PEDRO (Continued) **1000411013**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 05/05/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 09/28/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/17/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/20/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Feasibility Study Report
Completed Date: 01/24/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/19/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/13/2020
Comments: Not reported

Completed Area Name: Gambol Industries
Completed Sub Area Name: Not reported
Completed Document Type: Consultative Service Agreement
Completed Date: 06/29/2010
Comments: Fully Executed Standard Agreement was signed and executed on June 29, 2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 03/28/2017
Comments: Monthly report, no comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

SOUTHWEST MARINE SAN PEDRO (Continued) **1000411013**

Completed Document Type: Technical Report
Completed Date: 05/23/2017
Comments: Received April monthly summary report, no comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 07/29/2017
Comments: Received June monthly summary report, no comments were generated from review.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 06/28/2017
Comments: DTSC does not have any comments on the SWM May 2017 monthly summary report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/28/2017
Comments: DTSC does not have any comments on the February 2017 Groundwater Monitoring Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 09/05/2017
Comments: Email approval coincides with USEPA approval, July 2017.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/30/2017
Comments: Submission complete.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/19/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 09/22/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 12/13/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

SOUTHWEST MARINE SAN PEDRO (Continued) **1000411013**

Completed Document Type: Technical Report
Completed Date: 02/02/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 11/27/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 02/21/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/14/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 03/01/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 04/02/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 05/08/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 05/17/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 07/02/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 09/01/2018
Comments: Not reported

SOUTHWEST MARINE SAN PEDRO (Continued) **1000411013**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/02/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 11/14/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Completion Report
Completed Date: 02/09/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 03/19/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 05/08/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 07/12/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/20/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 03/27/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 05/03/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report

SOUTHWEST MARINE SAN PEDRO (Continued) **1000411013**

Completed Date: 05/22/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 07/03/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 04/25/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/05/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/03/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/08/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 05/03/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/24/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 12/04/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 12/20/2018
Comments: Not reported

SOUTHWEST MARINE SAN PEDRO (Continued) **1000411013**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 01/30/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 11/05/2008
Comments: Remedial Action Order issued.

Completed Area Name: Gambol Industries
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 03/23/2011
Comments: Close-out Memo issued on contract 09-T9104, project code 401531-11.

Completed Area Name: Gambol Industries
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 02/07/2011
Comments: Collection reminder sent.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/29/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 06/18/2013
Comments: Draft initial study was signed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/06/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/07/2013
Comments: CEQA Notice of Determination

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 07/18/2016
Comments: final documents.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate

SOUTHWEST MARINE SAN PEDRO (Continued) **1000411013**

Completed Date: 11/18/2013
Comments: Annual cost estimate letter completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 12/01/2014
Comments: Cost estimate uploaded.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/21/2016
Comments: Activity completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/25/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 01/04/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/01/2011
Comments: DTSC will not comment on this status report, which is merely a summary report of the latest sampling data. Rather, DTSC will comment on the Remedial Investigation Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Feasibility Study Report
Completed Date: 11/20/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 06/14/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/26/2009
Comments: DTSC made comments, but did not request revised reports. They only requested that they keep comments in mind for future quarterly groundwater reports.

Completed Area Name: Gambol Industries
Completed Sub Area Name: Not reported

SOUTHWEST MARINE SAN PEDRO (Continued) **1000411013**

Completed Document Type: Technical Workplan
Completed Date: 10/11/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/18/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/18/2010
Comments: DTSC made comments, but did not request the Port of LA to resubmit a new report. They said just to include these changes in the next report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/04/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/04/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 09/20/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/01/2011
Comments: Approved the quarterly groundwater monitoring report, and did not ask them to revise it.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 02/08/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/02/2012
Comments: DTSC simply made comments on the first draft. We did not request that changes be made.

Completed Area Name: PROJECT WIDE

SOUTHWEST MARINE SAN PEDRO (Continued) **1000411013**

Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/02/2012
Comments: DTSC simply commented on the first draft. We did not request that changes be made.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/02/2012
Comments: DTSC simply made comments on the first draft of this report. We did not request that changes be made.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 03/05/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/12/2012
Comments: No comments. Document is approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/05/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/15/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/04/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 08/14/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 12/15/2015
Comments: DTSC provided comments on December 9, 2015.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

SOUTHWEST MARINE SAN PEDRO (Continued) **1000411013**

Completed Document Type: Technical Report
Completed Date: 11/09/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 12/15/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 03/16/2016
Comments: Final Public Participation Plan for Former Southwest Marine

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 07/07/2016
Comments: Review complete, response to be included in June or July Monthly Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 09/21/2016
Comments: Final SWM soil and groundwater remedial action plan was tentatively approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Implementation Workplan
Completed Date: 02/08/2017
Comments: DTSC concurs with RDIP.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 04/27/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 07/10/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/30/2016
Comments: DTSC does not have any comments on the Groundwater Monitoring and Sampling August 2016 Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

SOUTHWEST MARINE SAN PEDRO (Continued) **1000411013**

Completed Document Type: Technical Report
Completed Date: 01/10/2017
Comments: Completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 01/13/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 05/02/2017
Comments: Completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 02/21/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/19/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Notice
Completed Date: 10/14/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/25/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/01/2011
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: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Land Use Restriction
Schedule Due Date: 06/25/2020
Schedule Revised Date: Not reported

SOUTHWEST MARINE SAN PEDRO (Continued) **1000411013**

ENVIROSTOR:

Name:	SOUTHWEST MARINE TERMINAL ISLAND FACILITY
Address:	985 SEASIDE AVENUE
City,State,Zip:	SAN PEDRO, CA 90731
Facility ID:	60000999
Status:	Active
Status Date:	11/05/2008
Site Code:	401456
Site Type:	State Response
Site Type Detailed:	State Response or NPL
Acres:	20
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Nicholas Ta
Supervisor:	Patrick Hsieh
Division Branch:	Cleanup Cypress
Assembly:	70
Senate:	35
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	33.73449
Longitude:	-118.2696
APN:	7440-031-907, 7440-032-904, 7440-033-904, 7440-034-903
Past Use:	SHIPYARD - SHIP BUILDING/REPAIR
Potential COC:	Arsenic Lead Mercury (elemental TPH-diesel TPH-gas Antimony and compounds Chromium III Copper and compounds 1,4-Dioxane Furan Nickel Polychlorinated biphenyls (PCBs, see IRIS Selenium Zinc
Confirmed COC:	Arsenic Lead Mercury (elemental TPH-diesel TPH-gas Antimony and compounds Polychlorinated biphenyls (PCBs, see IRIS Selenium Chromium III Copper and compounds Nickel Zinc
Potential Description:	AQUI, OTH, SED, SOIL, SV
Alias Name:	7440-031-907
Alias Type:	APN
Alias Name:	7440-032-904
Alias Type:	APN
Alias Name:	7440-033-904
Alias Type:	APN
Alias Name:	7440-034-903
Alias Type:	APN
Alias Name:	401456
Alias Type:	Project Code (Site Code)
Alias Name:	60000999
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:	10/26/2010
Comments:	Letter sent on 10/26/2010.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Technical Report

SOUTHWEST MARINE SAN PEDRO (Continued) **1000411013**

Completed Date: 09/04/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 02/03/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 05/05/2020
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 09/28/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/17/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/20/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Feasibility Study Report
Completed Date: 01/24/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 11/19/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/13/2020
Comments: Not reported

Completed Area Name: Gambol Industries
Completed Sub Area Name: Not reported
Completed Document Type: Consultative Service Agreement
Completed Date: 06/29/2010
Comments: Fully Executed Standard Agreement was signed and executed on June 29, 2010.

SOUTHWEST MARINE SAN PEDRO (Continued) **1000411013**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 03/28/2017
Comments: Monthly report, no comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 05/23/2017
Comments: Received April monthly summary report, no comments.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 07/29/2017
Comments: Received June monthly summary report, no comments were generated from review.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 06/28/2017
Comments: DTSC does not have any comments on the SWM May 2017 monthly summary report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/28/2017
Comments: DTSC does not have any comments on the February 2017 Groundwater Monitoring Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 09/05/2017
Comments: Email approval coincides with USEPA approval, July 2017.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/30/2017
Comments: Submission complete.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/19/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 09/22/2017
Comments: Not reported

SOUTHWEST MARINE SAN PEDRO (Continued) **1000411013**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 12/13/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 02/02/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 11/27/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 02/21/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 09/14/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 03/01/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 04/02/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 05/08/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 05/17/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report

SOUTHWEST MARINE SAN PEDRO (Continued) **1000411013**

Completed Date: 07/02/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 09/01/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/02/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Plan
Completed Date: 11/14/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Well Completion Report
Completed Date: 02/09/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 03/19/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 05/08/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 07/12/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/20/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 03/27/2018
Comments: Not reported

SOUTHWEST MARINE SAN PEDRO (Continued) **1000411013**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 05/03/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 05/22/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 07/03/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Soils Management Plan
Completed Date: 04/25/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/05/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/03/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/08/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 05/03/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 10/24/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report

SOUTHWEST MARINE SAN PEDRO (Continued) **1000411013**

Completed Date: 12/04/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 12/20/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 01/30/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 11/05/2008
Comments: Remedial Action Order issued.

Completed Area Name: Gambol Industries
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 03/23/2011
Comments: Close-out Memo issued on contract 09-T9104, project code 401531-11.

Completed Area Name: Gambol Industries
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Demand
Completed Date: 02/07/2011
Comments: Collection reminder sent.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/29/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 06/18/2013
Comments: Draft initial study was signed

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/06/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 08/07/2013
Comments: CEQA Notice of Determination

SOUTHWEST MARINE SAN PEDRO (Continued) **1000411013**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Neg. Declaration
Completed Date: 07/18/2016
Comments: final documents.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/18/2013
Comments: Annual cost estimate letter completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 12/01/2014
Comments: Cost estimate uploaded.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/21/2016
Comments: Activity completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/25/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Workplan
Completed Date: 01/04/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 08/01/2011
Comments: DTSC will not comment on this status report, which is merely a summary report of the latest sampling data. Rather, DTSC will comment on the Remedial Investigation Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Feasibility Study Report
Completed Date: 11/20/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 06/14/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE

SOUTHWEST MARINE SAN PEDRO (Continued) **1000411013**

Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/26/2009
Comments: DTSC made comments, but did not request revised reports. They only requested that they keep comments in mind for future quarterly groundwater reports.

Completed Area Name: Gambol Industries
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 10/11/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/18/2010
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/18/2010
Comments: DTSC made comments, but did not request the Port of LA to resubmit a new report. They said just to include these changes in the next report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/04/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/04/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 09/20/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 08/01/2011
Comments: Approved the quarterly groundwater monitoring report, and did not ask them to revise it.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 02/08/2012
Comments: Not reported

SOUTHWEST MARINE SAN PEDRO (Continued) **1000411013**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/02/2012
Comments: DTSC simply made comments on the first draft. We did not request that changes be made.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/02/2012
Comments: DTSC simply commented on the first draft. We did not request that changes be made.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 02/02/2012
Comments: DTSC simply made comments on the first draft of this report. We did not request that changes be made.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 03/05/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 03/12/2012
Comments: No comments. Document is approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 05/05/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/15/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 06/04/2013
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 08/14/2013
Comments: Not reported

SOUTHWEST MARINE SAN PEDRO (Continued) **1000411013**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 12/15/2015
Comments: DTSC provided comments on December 9, 2015.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 11/09/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 12/15/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 03/16/2016
Comments: Final Public Participation Plan for Former Southwest Marine

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 07/07/2016
Comments: Review complete, response to be included in June or July Monthly Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 09/21/2016
Comments: Final SWM soil and groundwater remedial action plan was tentatively approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Implementation Workplan
Completed Date: 02/08/2017
Comments: DTSC concurs with RDIP.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Completion Report
Completed Date: 04/27/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Operations and Maintenance Plan
Completed Date: 07/10/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE

SOUTHWEST MARINE SAN PEDRO (Continued) **1000411013**

Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/30/2016
Comments: DTSC does not have any comments on the Groundwater Monitoring and Sampling August 2016 Report.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 01/10/2017
Comments: Completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 01/13/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 05/02/2017
Comments: Completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 02/21/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/19/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Letter - Notice
Completed Date: 10/14/2019
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/25/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/01/2011
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported

SOUTHWEST MARINE SAN PEDRO (Continued) **1000411013**

Future Due Date: Not reported
Schedule Area Name: PROJECT WIDE
Schedule Sub Area Name: Not reported
Schedule Document Type: Land Use Restriction
Schedule Due Date: 06/25/2020
Schedule Revised Date: Not reported

LUST REG 4:
Region: 4
Regional Board: 04
County: Los Angeles
Facility Id: 907310243
Status: Case Closed
Substance: Gasoline
Substance Quantity: Not reported
Local Case No: Not reported
Case Type: Groundwater
Abatement Method Used at the Site: Not reported
Global ID: T0603701630
W Global ID: Not reported
Staff: JP
Local Agency: 19060
Cross Street: Not reported
Enforcement Type: Not reported
Date Leak Discovered: 6/22/1994
Date Leak First Reported: 8/4/1994
Date Leak Record Entered: 9/23/1994
Date Confirmation Began: 8/17/1994
Date Leak Stopped: 6/22/1994
Date Case Last Changed on Database: 2/12/1998
Date the Case was Closed: 12/4/1997
How Leak Discovered: Not reported
How Leak Stopped: Not reported
Cause of Leak: Corrosion
Leak Source: Tank
Operator: OLD CASE #121594-75
Water System: Not reported
Well Name: Not reported
Approx. Dist To Production Well (ft): 22865.99723939087509876796355 6
Source of Cleanup Funding: Tank
Preliminary Site Assessment Workplan Submitted: 5/29/1997
Preliminary Site Assessment Began: 6/10/1997
Pollution Characterization Began: Not reported
Remediation Plan Submitted: Not reported
Remedial Action Underway: Not reported
Post Remedial Action Monitoring Began: Not reported
Enforcement Action Date: Not reported
Historical Max MTBE Date: Not reported
Hist Max MTBE Conc in Groundwater: Not reported
Hist Max MTBE Conc in Soil: Not reported
Significant Interim Remedial Action Taken: Not reported
GW Qualifier: Not reported
Soil Qualifier: Not reported
Organization: Not reported
Owner Contact: Not reported
Responsible Party: SOUTHWEST MARINE
RP Address: 985 SEASIDE, TERMINAL ISLAND,CA 90731

SOUTHWEST MARINE SAN PEDRO (Continued) **1000411013**

Program:	LUST
Lat/Long:	33.7343449 / -1
Local Agency Staff:	Not reported
Beneficial Use:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Suspended:	Not reported
Assigned Name:	Not reported
Summary:	05/29/97 - INITIAL SITE ASSESSMENT WORKPLAN 02/12/98 - WELL ABANDONMENT REPORT

LUST:

Name:	SOUTHWEST MARINE INC SHIPYARD
Address:	985 SEASIDE AVE
City,State,Zip:	TERMINAL ISLAND, CA 90731
Lead Agency:	LOS ANGELES RWQCB (REGION 4)
Case Type:	LUST Cleanup Site
Geo Track:	http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0603701630
Global Id:	T0603701630
Latitude:	33.7343449
Longitude:	-118.2695251
Status:	Completed - Case Closed
Status Date:	12/04/1997
Case Worker:	JP
RB Case Number:	907310243
Local Agency:	LONG BEACH, CITY OF
File Location:	Not reported
Local Case Number:	Not reported
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

LUST:

Global Id:	T0603701630
Contact Type:	Local Agency Caseworker
Contact Name:	CARMEN PIRO
Organization Name:	LONG BEACH, CITY OF
Address:	2525 GRAND AVE.
City:	LONG BEACH
Email:	carmen.piro@longbeach.gov
Phone Number:	5625704137

Global Id:	T0603701630
Contact Type:	Regional Board Caseworker
Contact Name:	JOSE PEREYRA
Organization Name:	LOS ANGELES RWQCB (REGION 4)
Address:	Not reported
City:	R4 UNKNOWN
Email:	Not reported
Phone Number:	Not reported

LUST:

Global Id:	T0603701630
Action Type:	Other
Date:	08/04/1994
Action:	Leak Reported

SOUTHWEST MARINE SAN PEDRO (Continued) **1000411013**

Global Id: T0603701630
Action Type: Other
Date: 06/22/1994
Action: Leak Discovery

Global Id: T0603701630
Action Type: Other
Date: 06/22/1994
Action: Leak Stopped

LUST:
Global Id: T0603701630
Status: Open - Case Begin Date
Status Date: 06/22/1994

Global Id: T0603701630
Status: Open - Site Assessment
Status Date: 08/17/1994

Global Id: T0603701630
Status: Open - Site Assessment
Status Date: 05/29/1997

Global Id: T0603701630
Status: Open - Site Assessment
Status Date: 06/10/1997

Global Id: T0603701630
Status: Completed - Case Closed
Status Date: 12/04/1997

SLIC REG 4:
Region: 4
Facility Status: Remediation
SLIC: 1101
Substance: TPH
Staff: TTW

CPS-SLIC:
Name: SOUTHWEST MARINE TERMINAL
Address: 985 SEASIDE DR.
City,State,Zip: TERMINAL ISLAND, CA 90731
Region: STATE
Facility Status: Open - Inactive
Status Date: 06/30/2002
Global Id: SL092513
Lead Agency: LOS ANGELES RWQCB (REGION 4)
Lead Agency Case Number: Not reported
Latitude: 33.734549
Longitude: -118.269533
Case Type: Cleanup Program Site
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 1101
File Location: Not reported

SOUTHWEST MARINE SAN PEDRO (Continued) **1000411013**

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:

CHMIRS:

Name:	Not reported
Address:	985 SEASIDE AVE
City,State,Zip:	TERMINAL ISLAND, CA
OES Incident Number:	08-4791
OES notification:	06/28/2008
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Yes
Waterway:	Los Angeles Harbor
Spill Site:	Ship/Harbor/Port
Cleanup By:	Responsible Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Pt.(s)
Other:	Not reported
Date/Time:	1230
Year:	2008
Agency:	NRC
Incident Date:	6/28/2008
Admin Agency:	L.A. County Fire Prevention
Amount:	Not reported
Contained:	Yes
Site Type:	Los Angeles Harbor
E Date:	Not reported

SOUTHWEST MARINE SAN PEDRO (Continued) **1000411013**

Substance:	Oil Fuel number 6
Quantity Released:	1
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Per NRC report, Caller is reporting that a gasket came loose on a hose connected to a poly tank which caused a discharge of #6 fuel oil. Booms and absorbents were applied and cleanup is under way.

FINDS:
Registry ID: 110000831324

Click Here:

Environmental Interest/Information System:
NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.
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.
California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.
HAZARDOUS AIR POLLUTANT MAJOR
US National Pollutant Discharge Elimination System (NPDES) module of the Compliance Information System (ICIS) tracks surface water permits issued under the Clean Water Act. Under NPDES, all facilities that discharge pollutants from any point source into waters of the United States are required to obtain a permit. The permit will likely contain limits on what can be discharged, impose monitoring and reporting requirements, and include other provisions to ensure that the

SOUTHWEST MARINE SAN PEDRO (Continued) **1000411013**

discharge does not adversely affect water quality.
STATE MASTER
HAZARDOUS WASTE BIENNIAL REPORTER
Registry ID: 110009532746

Click Here:

Environmental Interest/Information System:
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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

ECHO:

Envid:	1000411013
Registry ID:	110000831324
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110000831324
Name:	SOUTHWEST MARINE INC
Address:	985 SOUTH SEASIDE AVE
City,State,Zip:	TERMINAL ISLAND, CA 90731

Envid:	1000411013
Registry ID:	110009532746
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110009532746
Name:	CLEANING DYNAMICS CORPORATION
Address:	985 SOUTH SEASIDE AVENUE
City,State,Zip:	TERMINAL ISLAND, CA 90731

CORTESE:

Name:	SOUTHWEST MARINE INC SHIPYARD
Address:	985 SEASIDE AVE
City,State,Zip:	TERMINAL ISLAND, CA 90731
Region:	CORTESE
Envirostor Id:	Not reported
Global ID:	T0603701630
Site/Facility Type:	LUST CLEANUP SITE
Cleanup Status:	COMPLETED - CASE CLOSED
Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

SOUTHWEST MARINE SAN PEDRO (Continued) **1000411013**

Name:	SOUTHWEST MARINE TERMINAL ISLAND FACILITY
Address:	985 SEASIDE AVENUE
City,State,Zip:	SAN PEDRO, CA 90731
Region:	CORTESE
Envirostor Id:	60000999
Global ID:	Not reported
Site/Facility Type:	STATE RESPONSE
Cleanup Status:	ACTIVE
Status Date:	11/05/2008
Site Code:	401456
Latitude:	33.73449
Longitude:	-118.26963
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	envirostor
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Haz Waste & Substances Sites

ENF:

Name:	SOUTHWEST MARINE, INC.
Address:	985 SEASIDE AVENUE
City,State,Zip:	TERMINAL ISLAND, CA
Region:	4
Facility Id:	261745
Agency Name:	BAE Systems San Diego Ship Repair Inc
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	33.734567
Place Longitude:	-118.269546
SIC Code 1:	3731
SIC Desc 1:	Ship Building and Repairing
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.213
Threat To Water Quality:	3
Complexity:	B
Pretreatment:	X - Facility is not a POTW

SOUTHWEST MARINE SAN PEDRO (Continued) **1000411013**

Facility Waste Type:	Cooling water: Noncontact
Facility Waste Type 2:	Miscellaneous
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDESWW
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	4B192017002
Reg Measure Id:	135762
Reg Measure Type:	NPDES Permits
Region:	4
Order #:	95-143
Npdes# CA#:	CA0000868
Major-Minor:	Minor
Npdes Type:	OTH
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	N
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	10/30/1995
Effective Date:	10/30/1995
Expiration/Review Date:	10/10/2000
Termination Date:	01/29/2003
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	236858
Region:	4
Order / Resolution Number:	NOV
Enforcement Action Type:	Notice of Violation
Effective Date:	06/13/2001
Adoption/Issuance Date:	06/13/2001
Achieve Date:	Not reported
Termination Date:	07/13/2001
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	NOV - Southwest Marine, Inc. (06/13/01)
Description:	Notice of Violation sent 6/13/01 for 64 overdue DMRs.
Program:	NPDESWW
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

SOUTHWEST MARINE SAN PEDRO (Continued) **1000411013**

Total $ Paid/Completed Amount:	0
Name:	SOUTHWEST MARINE, INC.
Address:	985 SEASIDE AVENUE
City,State,Zip:	TERMINAL ISLAND, CA
Region:	4
Facility Id:	261745
Agency Name:	BAE Systems San Diego Ship Repair Inc
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	33.734567
Place Longitude:	-118.269546
SIC Code 1:	3731
SIC Desc 1:	Ship Building and Repairing
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported
NAICS Desc 2:	Not reported
NAICS Code 3:	Not reported
NAICS Desc 3:	Not reported
# Of Places:	1
Source Of Facility:	Reg Meas
Design Flow:	0.213
Threat To Water Quality:	3
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Cooling water: Noncontact
Facility Waste Type 2:	Miscellaneous
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDESWW
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	4B192017002
Reg Measure Id:	135258
Reg Measure Type:	NPDES Permits
Region:	4
Order #:	86-036
Npdes# CA#:	CA0000868
Major-Minor:	Minor
Npdes Type:	OTH
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	N
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	06/23/1986
Effective Date:	06/23/1986
Expiration/Review Date:	06/10/1991

SOUTHWEST MARINE SAN PEDRO (Continued) **1000411013**

Termination Date:	10/30/1995
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	220595
Region:	4
Order / Resolution Number:	R4-1992-0045
Enforcement Action Type:	Admin Civil Liability
Effective Date:	07/20/1992
Adoption/Issuance Date:	Not reported
Achieve Date:	Not reported
Termination Date:	12/01/2003
ACL Issuance Date:	07/20/1992
EPL Issuance Date:	Not reported
Status:	Historical
Title:	ACLC R4-1992-0045 - Southwest Marine, Inc.
Description:	DISCHARGE OF OILY WASTEWATER TO LOS ANGELES HARBOR.
Program:	NPDESWW
Latest Milestone Completion Date:	12/1/2003
# Of Programs1:	1
Total Assessment Amount:	10000
Initial Assessed Amount:	0
Liability $ Amount:	10000
Project $ Amount:	0
Liability $ Paid:	10000
Project $ Completed:	0
Total $ Paid/Completed Amount:	10000

Name:	SOUTHWEST MARINE, INC.
Address:	985 SEASIDE AVENUE
City,State,Zip:	TERMINAL ISLAND, CA
Region:	4
Facility Id:	261745
Agency Name:	BAE Systems San Diego Ship Repair Inc
Place Type:	Facility
Place Subtype:	Not reported
Facility Type:	All other facilities
Agency Type:	Privately-Owned Business
# Of Agencies:	1
Place Latitude:	33.734567
Place Longitude:	-118.269546
SIC Code 1:	3731
SIC Desc 1:	Ship Building and Repairing
SIC Code 2:	Not reported
SIC Desc 2:	Not reported
SIC Code 3:	Not reported
SIC Desc 3:	Not reported
NAICS Code 1:	Not reported
NAICS Desc 1:	Not reported
NAICS Code 2:	Not reported

SOUTHWEST MARINE SAN PEDRO (Continued) **1000411013**

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:	0.213
Threat To Water Quality:	3
Complexity:	B
Pretreatment:	X - Facility is not a POTW
Facility Waste Type:	Cooling water: Noncontact
Facility Waste Type 2:	Miscellaneous
Facility Waste Type 3:	Not reported
Facility Waste Type 4:	Not reported
Program:	NPDESWW
Program Category1:	NPDESWW
Program Category2:	NPDESWW
# Of Programs:	1
WDID:	4B192017002
Reg Measure Id:	131637
Reg Measure Type:	NPDES Permits
Region:	4
Order #:	R4-2003-0023
Npdes# CA#:	CA0000868
Major-Minor:	Minor
Npdes Type:	OTH
Reclamation:	N - No
Dredge Fill Fee:	Not reported
301H:	N
Application Fee Amt Received:	Not reported
Status:	Historical
Status Date:	06/01/2005
Effective Date:	01/30/2003
Expiration/Review Date:	12/10/2007
Termination Date:	06/01/2005
WDR Review - Amend:	Not reported
WDR Review - Revise/Renew:	Not reported
WDR Review - Rescind:	Not reported
WDR Review - No Action Required:	Not reported
WDR Review - Pending:	Not reported
WDR Review - Planned:	Not reported
Status Enrollee:	N
Individual/General:	I
Fee Code:	Not reported
Direction/Voice:	Passive
Enforcement Id(EID):	254761
Region:	4
Order / Resolution Number:	NOV
Enforcement Action Type:	Notice of Violation
Effective Date:	02/02/2005
Adoption/Issuance Date:	02/02/2005
Achieve Date:	Not reported
Termination Date:	03/02/2005
ACL Issuance Date:	Not reported
EPL Issuance Date:	Not reported
Status:	Historical
Title:	NOV - Southwest Marine, Inc. (02/02/05)
Description:	NOV sent 02/02/05 for overdue 3Q04 DMR.

SOUTHWEST MARINE SAN PEDRO (Continued) **1000411013**

Program:	NPDESWW
Latest Milestone Completion Date:	Not reported
# Of Programs1:	1
Total Assessment Amount:	0
Initial Assessed Amount:	0
Liability $ Amount:	0
Project $ Amount:	0
Liability $ Paid:	0
Project $ Completed:	0
Total $ Paid/Completed Amount:	0

HIST CORTESE:

edr_fname:	SOUTHWEST MARINE INC SHIP
edr_fadd1:	985 SEASIDE
City,State,Zip:	SAN PEDRO, CA 90731
Region:	CORTESE
Facility County Code:	19
Reg By:	LTNKA
Reg Id:	907310243

CIWQS:

Name:	SOUTHWEST MARINE, INC.
Address:	985 SEASIDE AVENUE
City,State,Zip:	TERMINAL ISLAND, CA 90731
Agency:	BAE Systems San Diego Ship Repair Inc
Agency Address:	Po Box 13308, San Diego, CA 92170-0308
Place/Project Type:	Other
SIC/NAICS:	3731
Region:	4
Program:	NPDESWW
Regulatory Measure Status:	Historical
Regulatory Measure Type:	NPDES Permit
Order Number:	R4-2003-0023
WDID:	4B192017002
NPDES Number:	CA0000868
Adoption Date:	01/30/2003
Effective Date:	01/30/2003
Termination Date:	06/01/2005
Expiration/Review Date:	12/10/2007
Design Flow:	0.213
Major/Minor:	Minor
Complexity:	B
TTWQ:	3
Enforcement Actions within 5 years:	0
Violations within 5 years:	0
Latitude:	33.734567
Longitude:	-118.269546

CERS:

Name:	SOUTHWEST MARINE INC SHIPYARD
Address:	985 SEASIDE AVE
City,State,Zip:	TERMINAL ISLAND, CA 90731
Site ID:	241579
CERS ID:	T0603701630
CERS Description:	Leaking Underground Storage Tank Cleanup Site

SOUTHWEST MARINE SAN PEDRO (Continued) **1000411013**

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	CARMEN PIRO - LONG BEACH, CITY OF
Entity Title:	Not reported
Affiliation Address:	2525 GRAND AVE.
Affiliation City:	LONG BEACH
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	5625704137

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	JOSE PEREYRA - LOS ANGELES RWQCB (REGION 4)
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	R4 UNKNOWN
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Name:	SOUTHWEST MARINE TER
Address:	985 SEASIDE AVENUE
City,State,Zip:	SAN PEDRO, CA 90731
Site ID:	343372
CERS ID:	60000999
CERS Description:	State Response

Affiliation:

Affiliation Type Desc:	Lead Project Manager
Entity Name:	SARA MICHAEL
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	CYPRESS
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Affiliation Type Desc:	Supervisor
Entity Name:	PATRICK HSIEH
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported

Name:	SOUTHWEST MARINE TERMINAL
Address:	985 SEASIDE DR.
City,State,Zip:	TERMINAL ISLAND, CA 90731
Site ID:	189995
CERS ID:	SL092513
CERS Description:	Cleanup Program Site

65 NW 1/2-1 0.857 mi. 4527 ft. | **KINDER MORGAN LIQUIDS TERMINAL**
1900 WILMINGTON
WILMINGTON, CA 90744 | **ENVIROSTOR US AIRS** | **1007738716 N/A**

Relative: Lower

Actual: 13 ft.

ENVIROSTOR:

Name:	GATX TANK STORAGE TERM CORP., BERTHS 118-9
Address:	1900 WILMINGTON-SAN PEDRO ROAD
City,State,Zip:	SAN PEDRO, CA 90733
Facility ID:	71002122
Status:	Refer: Other Agency
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 Chatsworth
Assembly:	70
Senate:	35
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Not reported
Latitude:	33.75559
Longitude:	-118.2897
APN:	NONE SPECIFIED
Past Use:	NONE SPECIFIED
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CAD000630053
Alias Type:	EPA Identification Number
Alias Name:	110018988201
Alias Type:	EPA (FRS #)
Alias Name:	71002122
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

KINDER MORGAN LIQUIDS TERMINAL (Continued) **1007738716**

US AIRS MINOR:

Envid:	1007738716
Region Code:	09
Programmatic ID:	AIR CASCA00006037CJ458
Facility Registry ID:	110018988201
D and B Number:	Not reported
Primary SIC Code:	5171
NAICS Code:	493190
Default Air Classification Code:	MIN
Facility Type of Ownership Code:	POF
Air CMS Category Code:	TVM
HPV Status:	Not reported

66
SW
1/2-1
0.945 mi.
4989 ft.

CABRILLO ELEMENTARY SCHOOL-PLYGRD ADD. **ENVIROSTOR** **S107735978**
732 SOUTH CABRILLO **SCH** **N/A**
LOS ANGELES, CA 90731

Relative:
Higher

Actual:
122 ft.

ENVIROSTOR:

Name:	CABRILLO ELEMENTARY SCHOOL-PLYGRD ADD.
Address:	732 SOUTH CABRILLO
City,State,Zip:	LOS ANGELES, CA 90731
Facility ID:	19750091
Status:	Inactive - Needs Evaluation
Status Date:	02/07/2002
Site Code:	304297
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	0.5
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not reported
Supervisor:	Shahir Haddad
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	70
Senate:	35
Special Program:	Not reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	33.73669
Longitude:	-118.2929
APN:	7454006900
Past Use:	VEHICLE MAINTENANCE
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CABRILLO ELEMENTARY SCHOOL PLAYGROUND
Alias Type:	Alternate Name
Alias Name:	LAUSD-CABRILLO ES PLAYGROUND ADDITION
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	7454006900
Alias Type:	APN

CABRILLO ELEMENTARY SCHOOL-PLYGRD ADD. (Continued) **S107735978**

Alias Name: 304297
Alias Type: Project Code (Site Code)
Alias Name: 19750091
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: 06/03/2001
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/10/2000
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 02/07/2002
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Name: CABRILLO ELEMENTARY SCHOOL-PLYGRD ADD.
Address: 732 SOUTH CABRILLO
City,State,Zip: LOS ANGELES, CA 90731
Facility ID: 19750091
Site Type: School Investigation
Site Type Detail: School
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: Not reported
Supervisor: Shahir Haddad
Division Branch: Southern California Schools & Brownfields Outreach
Site Code: 304297
Assembly: 70
Senate: 35
Special Program Status: Not reported
Status: Inactive - Needs Evaluation
Status Date: 02/07/2002

CABRILLO ELEMENTARY SCHOOL-PLYGRD ADD. (Continued) **S107735978**

Restricted Use:	NO
Funding:	School District
Latitude:	33.73669
Longitude:	-118.2929
APN:	7454006900
Past Use:	VEHICLE MAINTENANCE
Potential COC:	NONE SPECIFIED
Confirmed COC:	NONE SPECIFIED
Potential Description:	NONE SPECIFIED
Alias Name:	CABRILLO ELEMENTARY SCHOOL PLAYGROUND
Alias Type:	Alternate Name
Alias Name:	LAUSD-CABRILLO ES PLAYGROUND ADDITION
Alias Type:	Alternate Name
Alias Name:	LOS ANGELES UNIFIED SCHOOL DISTRICT
Alias Type:	Alternate Name
Alias Name:	7454006900
Alias Type:	APN
Alias Name:	304297
Alias Type:	Project Code (Site Code)
Alias Name:	19750091
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:	06/03/2001
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/10/2000
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	02/07/2002
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

67 NW 1/2-1 0.983 mi. 5191 ft. | **KINDER MORGAN - GAFFEY STREET TERMINAL**
1313/1363 N GAFFEY STREET
SAN PEDRO, CA 90731 | **ENVIROSTOR VCP** | **S109149593 N/A**

Relative: Lower

Actual: 15 ft.

ENVIROSTOR:

Name:	KINDER MORGAN - GAFFEY STREET TERMINAL
Address:	1313/1363 N GAFFEY STREET
City,State,Zip:	SAN PEDRO, CA 90731
Facility ID:	60000353
Status:	Certified
Status Date:	08/19/2013
Site Code:	401310
Site Type:	Voluntary Cleanup
Site Type Detailed:	Voluntary Cleanup
Acres:	12.07
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Eileen Mananian
Supervisor:	Emad Yemut
Division Branch:	Southern California Schools & Brownfields Outreach
Assembly:	70
Senate:	35
Special Program:	Voluntary Cleanup Program
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	Responsible Party
Latitude:	33.75663
Longitude:	-118.2936
APN:	7445-002-051, 7445-002-052, 7445002005
Past Use:	FUEL - VEHICLE STORAGE/ REFUELING, OIL/WATER SEPARATORS
Potential COC:	Benzene Methane Methyl tertbutyl ether (MTBE TPH-diesel TPH-gas TPH-MOTOR OIL
Confirmed COC:	TPH-diesel TPH-gas Benzene Methane Methyl tertbutyl ether (MTBE TPH-MOTOR OIL
Potential Description:	OTH, SOIL, SV
Alias Name:	7445-002-051
Alias Type:	APN
Alias Name:	7445-002-052
Alias Type:	APN
Alias Name:	7445002005
Alias Type:	APN
Alias Name:	110033607345
Alias Type:	EPA (FRS #)
Alias Name:	401310
Alias Type:	Project Code (Site Code)
Alias Name:	60000353
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name:	Eastern Operable Unit
Completed Document Type:	Certification
Completed Date:	05/24/2012
Comments:	The Eastern OU for the Kinder Morgan Gaffey Street terminal has been certified for closure.
Completed Area Name:	PROJECT WIDE

KINDER MORGAN - GAFFEY STREET TERMINAL (Continued) **S109149593**

Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/30/2009
Comments: Cost Estimate letter sent to proponent via U.S. Mail and email

Completed Area Name: Off-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 02/21/2008
Comments: Kinder Morgan VCA Addendum for offsite investigations executed.

Completed Area Name: On-Site Soil and Groundwater Operable Unit - MULTIPLE SITES
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 06/29/2006
Comments: Not reported

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Mitigated Neg. Dec. (MND)
Completed Date: 06/18/2009
Comments: Review of Initial Study completed. Final draft accepted.

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Western Operable Unit
Completed Document Type: Certification
Completed Date: 10/04/2010
Comments: Not reported

Completed Area Name: Off-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: No Further Action Letter
Completed Date: 11/05/2012
Comments: Based on monitoring data, Off-site OU has been closed with No Further Action. Contamination found on adjacent property will be dealt with by adjacent property owner and not by Kinder Morgan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/20/2010
Comments: 2011 Annual Cost Estimate and Schedule sent to RP.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/25/2012
Comments: 2013 Annual Cost Estimate letter sent to RP

Completed Area Name: Off-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Well Decommissioning Report
Completed Date: 04/10/2013
Comments: Well Decomissioning Report for Off-site wells at the Kinder Morgan Gaffey Street Site reviewed. Disposal facility verified and manifests reviewed also. No comments made. Report approval letter sent to RP on 4/10/2013. All site activities have now been completed.

KINDER MORGAN - GAFFEY STREET TERMINAL (Continued) **S109149593**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/16/2007
Comments: Letter for 2008 Annual Cost Estimate sent to Project Proponent.

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/10/2006
Comments: Not reported

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 09/07/2006
Comments: Not reported

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 12/08/2006
Comments: DTSC approved SSI WP for implementation. Implementation 12/7&8 and 12/15-22.

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/12/2007
Comments: Not reported

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 03/13/2008
Comments: Final approval letter sent to Kinder Morgan.

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan
Completed Date: 07/31/2009
Comments: RAP/FS including Negative Declaration (CEQA documents) approved with no further comments. Mobilization of equipment in anticipation to fieldwork will begin. Excavation and implementation of the RAP/FS will begin after the Remedial Design and Implementation Plan approval (pending - late August approval).

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 08/27/2009
Comments: RDIP approved

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 07/28/2008

KINDER MORGAN - GAFFEY STREET TERMINAL (Continued) **S109149593**

Comments: PPP completed and sent to repository at the San Pedro Public Library.

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Western Operable Unit
Completed Document Type: Remedial Action Completion Report
Completed Date: 10/04/2010
Comments: Report, dated 9/16/2010 was revised and sent to DTSC on 10/4/2010. The document was reviewed and there was no comment. Final letter approving and certifying the site is being prepared and will be sent today.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 05/14/2009
Comments: Fact sheet sent to printer - ready for print and distribution.

Completed Area Name: Off-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 06/13/2008
Comments: Offsite investigation Workplan is complete. Fieldwork to begin once DTSC is notified.

Completed Area Name: Off-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 06/30/2009
Comments: Off-site Activities Progress Report accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Health & Safety Plan
Completed Date: 01/08/2007
Comments: Health and Safety Plan accepted

Completed Area Name: Off-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/13/2009
Comments: Monitoring Report accepted and approved.

Completed Area Name: Off-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/14/2009
Comments: Document reviewed and no revisions were needed. Document accepted

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Western Operable Unit
Completed Document Type: Fieldwork
Completed Date: 09/08/2010
Comments: Fieldwork completed on the Western OU. No letter needed to document the end of fieldwork.

Completed Area Name: Off-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Not reported

KINDER MORGAN - GAFFEY STREET TERMINAL (Continued) **S109149593**

Completed Document Type: Monitoring Report
Completed Date: 04/26/2010
Comments: Document accepted. No comments at this time.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 10/27/2009
Comments: Coorespondence Received

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 07/27/2009
Comments: Correspondence received

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/15/2010
Comments: Report received

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Eastern Operable Unit
Completed Document Type: Removal Action Completion Report
Completed Date: 05/24/2012
Comments: Revised Remedial Excavation Report and HHRA for the Eastern OU has been approved and the Site can be certified. The certification package along with the approval letter has been uploaded to this activity.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/30/2010
Comments: Report Received - no comment letter sent.

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Eastern Operable Unit
Completed Document Type: Fieldwork
Completed Date: 06/10/2011
Comments: No letter is needed to document completion of fieldwork

Completed Area Name: Off-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/29/2010
Comments: document complete and no comments are needed at this time.

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Western Operable Unit
Completed Document Type: Technical Workplan
Completed Date: 09/01/2010
Comments: No report submitted and no letter sent. Results of investigation included in the Remedial Excavation Report and Human Health Risk Assessment Report for the Western OU.

KINDER MORGAN - GAFFEY STREET TERMINAL (Continued) **S109149593**

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Eastern Operable Unit
Completed Document Type: Technical Workplan
Completed Date: 10/12/2010
Comments: Document completed and accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Mitigation Monitoring Report
Completed Date: 08/09/2010
Comments: Document received by DTSC

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/05/2010
Comments: Document received and accepted

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 02/02/2011
Comments: Report received by DTSC

Completed Area Name: Off-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 05/03/2011
Comments: Further characterization needed at the Y&S Autobody Shop to determine the extent of the Kinder Morgan plume and to characterize contamination from USTs on the Y&S property.

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Western Operable Unit
Completed Document Type: Technical Workplan
Completed Date: 04/20/2011
Comments: Document approved and fieldwork scheduled to start 4/21/2011

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Western Operable Unit
Completed Document Type: Other Report
Completed Date: 03/29/2011
Comments: Not reported

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Western Operable Unit
Completed Document Type: Technical Report
Completed Date: 05/18/2011
Comments: Report approved. DTSC concurs with the conclusions made in the Report. There were no contaminants found in soil that exceeded the Remedial Action Goals set forth in the Remedial Action Plan.

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Eastern Operable Unit
Completed Document Type: Monitoring Report
Completed Date: 09/08/2011
Comments: Document accepted.

KINDER MORGAN - GAFFEY STREET TERMINAL (Continued) **S109149593**

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Eastern Operable Unit
Completed Document Type: Monitoring Report
Completed Date: 10/31/2011
Comments: Document accepted with minor comments.

Completed Area Name: Off-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Well Installation Workplan
Completed Date: 08/22/2011
Comments: Workplan approved

Completed Area Name: Off-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Well Completion Report
Completed Date: 01/19/2012
Comments: DTSC provided response to document.

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Eastern Operable Unit
Completed Document Type: Monitoring Report
Completed Date: 02/16/2012
Comments: Document accepted with minor comments. Comments will be addressed in next quarters Groundwater Monitoring Report.

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Eastern Operable Unit
Completed Document Type: Monitoring Report
Completed Date: 05/23/2012
Comments: DTSC has no comments on the Report. The Report is approved.

Completed Area Name: Off-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/05/2012
Comments: Document approved by DTSC

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Eastern Operable Unit
Completed Document Type: Technical Workplan
Completed Date: 02/16/2012
Comments: Document approved by DTSC. TRC will make revisions per minor comments provided on the Workplan. Fieldwork will be scheduled for late Feb./early March 2012, depending on contractor availability and weather conditions.

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Eastern Operable Unit
Completed Document Type: Well Decommissioning Report
Completed Date: 07/30/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/24/2008
Comments: Annual Cost Estimate and Schedule sent for 2009 Calendar year.

KINDER MORGAN - GAFFEY STREET TERMINAL (Continued) **S109149593**

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Annual Oversight Cost Estimate
Completed Date:	11/30/2011
Comments:	2012 Annual Cost Estimate letter sent to RP.

Completed Area Name:	On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name:	Not reported
Completed Document Type:	Amendment - Order/Agreement
Completed Date:	05/18/2010
Comments:	Not reported

Future Area Name:	Not reported
Future Sub Area Name:	Not reported
Future Document Type:	Not reported
Future Due Date:	Not reported
Schedule Area Name:	Not reported
Schedule Sub Area Name:	Not reported
Schedule Document Type:	Not reported
Schedule Due Date:	Not reported
Schedule Revised Date:	Not reported

VCP:

Name:	KINDER MORGAN - GAFFEY STREET TERMINAL
Address:	1313/1363 N GAFFEY STREET
City,State,Zip:	SAN PEDRO, CA 90731
Facility ID:	60000353
Site Type:	Voluntary Cleanup
Site Type Detail:	Voluntary Cleanup
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	12.07
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Eileen Mananian
Supervisor:	Emad Yemut
Division Branch:	Southern California Schools & Brownfields Outreach
Site Code:	401310
Assembly:	70
Senate:	35
Special Programs Code:	Voluntary Cleanup Program
Status:	Certified
Status Date:	08/19/2013
Restricted Use:	NO
Funding:	Responsible Party
Lat/Long:	33.75663 / -118.2936
APN:	7445-002-051, 7445-002-052, 7445002005
Past Use:	FUEL - VEHICLE STORAGE/ REFUELING, OIL/WATER SEPARATORS
Potential COC:	30003, 30015, 30016, 30024, 30025, 3002502
Confirmed COC:	30024,30025,30003,30015,30016,3002502
Potential Description:	OTH, SOIL, SV
Alias Name:	7445-002-051
Alias Type:	APN
Alias Name:	7445-002-052
Alias Type:	APN
Alias Name:	7445002005

KINDER MORGAN - GAFFEY STREET TERMINAL (Continued) **S109149593**

Alias Type: APN
Alias Name: 110033607345
Alias Type: EPA (FRS #)
Alias Name: 401310
Alias Type: Project Code (Site Code)
Alias Name: 60000353
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Eastern Operable Unit
Completed Document Type: Certification
Completed Date: 05/24/2012
Comments: The Eastern OU for the Kinder Morgan Gaffey Street terminal has been certified for closure.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 09/30/2009
Comments: Cost Estimate letter sent to proponent via U.S. Mail and email

Completed Area Name: Off-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 02/21/2008
Comments: Kinder Morgan VCA Addendum for offsite investigations executed.

Completed Area Name: On-Site Soil and Groundwater Operable Unit - MULTIPLE SITES
Completed Sub Area Name: Not reported
Completed Document Type: Standard Voluntary Agreement
Completed Date: 06/29/2006
Comments: Not reported

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Initial Study/ Mitigated Neg. Dec. (MND)
Completed Date: 06/18/2009
Comments: Review of Initial Study completed. Final draft accepted.

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Western Operable Unit
Completed Document Type: Certification
Completed Date: 10/04/2010
Comments: Not reported

Completed Area Name: Off-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: No Further Action Letter
Completed Date: 11/05/2012
Comments: Based on monitoring data, Off-site OU has been closed with No Further Action. Contamination found on adjacent property will be dealt with by adjacent property owner and not by Kinder Morgan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/20/2010

KINDER MORGAN - GAFFEY STREET TERMINAL (Continued) **S109149593**

Comments: 2011 Annual Cost Estimate and Schedule sent to RP.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/25/2012
Comments: 2013 Annual Cost Estimate letter sent to RP

Completed Area Name: Off-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Well Decommissioning Report
Completed Date: 04/10/2013
Comments: Well Decomissioning Report for Off-site wells at the Kinder Morgan Gaffey Street Site reviewed. Disposal facility verified and manifests reviewed also. No comments made. Report approval letter sent to RP on 4/10/2013. All site activities have now been completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 11/16/2007
Comments: Letter for 2008 Annual Cost Estimate sent to Project Proponent.

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/10/2006
Comments: Not reported

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 09/07/2006
Comments: Not reported

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 12/08/2006
Comments: DTSC approved SSI WP for implementation. Implementation 12/7&8 and 12/15-22.

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/12/2007
Comments: Not reported

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 03/13/2008
Comments: Final approval letter sent to Kinder Morgan.

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Action Plan

KINDER MORGAN - GAFFEY STREET TERMINAL (Continued) **S109149593**

Completed Date: 07/31/2009
Comments: RAP/FS including Negative Declaration (CEQA documents) approved with no further comments. Mobilization of equipment in anticipation to fieldwork will begin. Excavation and implementation of the RAP/FS will begin after the Remedial Design and Implementation Plan approval (pending - late August approval).

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Design/Implementation Workplan
Completed Date: 08/27/2009
Comments: RDIP approved

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Participation Plan / Community Relations Plan
Completed Date: 07/28/2008
Comments: PPP completed and sent to repository at the San Pedro Public Library.

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Western Operable Unit
Completed Document Type: Remedial Action Completion Report
Completed Date: 10/04/2010
Comments: Report, dated 9/16/2010 was revised and sent to DTSC on 10/4/2010. The document was reviewed and there was no comment. Final letter approving and certifying the site is being prepared and will be sent today.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 05/14/2009
Comments: Fact sheet sent to printer - ready for print and distribution.

Completed Area Name: Off-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 06/13/2008
Comments: Offsite investigation Workplan is complete. Fieldwork to begin once DTSC is notified.

Completed Area Name: Off-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 06/30/2009
Comments: Off-site Activities Progress Report accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Health & Safety Plan
Completed Date: 01/08/2007
Comments: Health and Safety Plan accepted

Completed Area Name: Off-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 10/13/2009

KINDER MORGAN - GAFFEY STREET TERMINAL (Continued) **S109149593**

Comments: Monitoring Report accepted and approved.

Completed Area Name: Off-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 12/14/2009
Comments: Document reviewed and no revisions were needed. Document accepted

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Western Operable Unit
Completed Document Type: Fieldwork
Completed Date: 09/08/2010
Comments: Fieldwork completed on the Western OU. No letter needed to document the end of fieldwork.

Completed Area Name: Off-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 04/26/2010
Comments: Document accepted. No comments at this time.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 10/27/2009
Comments: Coorespondence Received

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 07/27/2009
Comments: Correspondence received

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 02/15/2010
Comments: Report received

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Eastern Operable Unit
Completed Document Type: Removal Action Completion Report
Completed Date: 05/24/2012
Comments: Revised Remedial Excavation Report and HHRA for the Eastern OU has been approved and the Site can be certified. The certification package along with the approval letter has been uploaded to this activity.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 04/30/2010
Comments: Report Received - no comment letter sent.

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Eastern Operable Unit
Completed Document Type: Fieldwork

KINDER MORGAN - GAFFEY STREET TERMINAL (Continued) **S109149593**

Completed Date: 06/10/2011
Comments: No letter is needed to document completion of fieldwork

Completed Area Name: Off-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 07/29/2010
Comments: document complete and no comments are needed at this time.

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Western Operable Unit
Completed Document Type: Technical Workplan
Completed Date: 09/01/2010
Comments: No report submitted and no letter sent. Results of investigation included in the Remedial Excavation Report and Human Health Risk Assessment Report for the Western OU.

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Eastern Operable Unit
Completed Document Type: Technical Workplan
Completed Date: 10/12/2010
Comments: Document completed and accepted.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Mitigation Monitoring Report
Completed Date: 08/09/2010
Comments: Document received by DTSC

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 10/05/2010
Comments: Document received and accepted

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Technical Report
Completed Date: 02/02/2011
Comments: Report received by DTSC

Completed Area Name: Off-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 05/03/2011
Comments: Further characterization needed at the Y&S Autobody Shop to determine the extent of the Kinder Morgan plume and to characterize contamination from USTs on the Y&S property.

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Western Operable Unit
Completed Document Type: Technical Workplan
Completed Date: 04/20/2011
Comments: Document approved and fieldwork scheduled to start 4/21/2011

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Western Operable Unit

KINDER MORGAN - GAFFEY STREET TERMINAL (Continued) **S109149593**

Completed Document Type: Other Report
Completed Date: 03/29/2011
Comments: Not reported

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Western Operable Unit
Completed Document Type: Technical Report
Completed Date: 05/18/2011
Comments: Report approved. DTSC concurs with the conclusions made in the Report. There were no contaminants found in soil that exceeded the Remedial Action Goals set forth in the Remedial Action Plan.

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Eastern Operable Unit
Completed Document Type: Monitoring Report
Completed Date: 09/08/2011
Comments: Document accepted.

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Eastern Operable Unit
Completed Document Type: Monitoring Report
Completed Date: 10/31/2011
Comments: Document accepted with minor comments.

Completed Area Name: Off-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Well Installation Workplan
Completed Date: 08/22/2011
Comments: Workplan approved

Completed Area Name: Off-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Well Completion Report
Completed Date: 01/19/2012
Comments: DTSC provided response to document.

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Eastern Operable Unit
Completed Document Type: Monitoring Report
Completed Date: 02/16/2012
Comments: Document accepted with minor comments. Comments will be addressed in next quarters Groundwater Monitoring Report.

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Eastern Operable Unit
Completed Document Type: Monitoring Report
Completed Date: 05/23/2012
Comments: DTSC has no comments on the Report. The Report is approved.

Completed Area Name: Off-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Monitoring Report
Completed Date: 11/05/2012
Comments: Document approved by DTSC

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Eastern Operable Unit

KINDER MORGAN - GAFFEY STREET TERMINAL (Continued) **S109149593**

Completed Document Type: Technical Workplan
Completed Date: 02/16/2012
Comments: Document approved by DTSC. TRC will make revisions per minor comments provided on the Workplan. Fieldwork will be scheduled for late Feb./early March 2012, depending on contractor availability and weather conditions.

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Eastern Operable Unit
Completed Document Type: Well Decommissioning Report
Completed Date: 07/30/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 12/24/2008
Comments: Annual Cost Estimate and Schedule sent for 2009 Calendar year.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/30/2011
Comments: 2012 Annual Cost Estimate letter sent to RP.

Completed Area Name: On-Site Soil and Groundwater Operable Unit
Completed Sub Area Name: Not reported
Completed Document Type: Amendment - Order/Agreement
Completed Date: 05/18/2010
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

Count: 8 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
LONG BEACH	1015757253	LONG BEACH NAVAL SHIPYARD	CODE 410 TERMINAL ISLAND	90822	CORRACTS, RCRA-TSDF, RCRA-LQ
					2020 COR ACTION, PADS
LOS ANGELES COUNTY	S107531769		250TH ST E, 1/2 MI N OF AVE J,		CDL
SAN PEDRO	S102439851	UNOCAL #0692 MARINE FACILITY	78 BERTH	90731	LUST, Cortese
SAN PEDRO	1004654692	FORT MACARTHUR	PACIFIC AVE	90731	SEMS-ARCHIVE
WILMINGTON	S101480664	UNION OIL CO OF CA LA MARINE TERMI	BERTH 150 PIER A ST (BERTHS 14	90744	ENVIROSTOR
WILMINGTON	S106387096	ACTA SOUTH - PCH GRADE SEPARATION	PACIFIC COAST	90744	CPS-SLIC
WILMINGTON	S106483368	ACTA PARCEL PCH-1542	1828, 1830 PACIFIC COAST	90744	CPS-SLIC
WILMINGTON	S105721836	ACTA SOUTH - MAINTENANCE YARD	SOUTHERN PACIFIC	90744	CPS-SLIC

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

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: 12/30/2020
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 02/09/2021
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 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: 12/30/2020
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 02/09/2021
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 12/30/2020
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 02/09/2021
Number of Days to Update: 26

Source: EPA
Telephone: N/A
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Quarterly

Federal CERCLIS list

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 04/03/2019
Date Data Arrived at EDR: 04/05/2019
Date Made Active in Reports: 05/14/2019
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 12/23/2020
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Varies

SEMS: Superfund Enterprise Management System

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

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 20

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Quarterly

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: Superfund Enterprise Management System Archive

SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that. based upon available information, the location is not judged to be potential NPL site.

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 20

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report
CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 12/14/2020
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 5

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal
RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 12/14/2020
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 5

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

Federal RCRA generators list

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

Date of Government Version: 12/14/2020
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 5

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

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

Date of Government Version: 12/14/2020
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 5

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

RCRA-VSQG: RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

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

Date of Government Version: 12/14/2020
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 5

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

Federal institutional controls / engineering controls registries

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 11/11/2020
Date Data Arrived at EDR: 11/17/2020
Date Made Active in Reports: 02/09/2021
Number of Days to Update: 84

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 02/08/2021
Next Scheduled EDR Contact: 05/24/2021
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/18/2020
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/05/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Varies

US INST CONTROLS: Institutional Controls Sites List

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/18/2020
Number of Days to Update: 13

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/05/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/14/2020
Date Data Arrived at EDR: 12/15/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 7

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 12/15/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 10/26/2020
Date Data Arrived at EDR: 10/26/2020
Date Made Active in Reports: 01/13/2021
Number of Days to Update: 79

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/26/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

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

Date of Government Version: 10/26/2020
Date Data Arrived at EDR: 10/26/2020
Date Made Active in Reports: 01/13/2021
Number of Days to Update: 79

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/26/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Quarterly

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

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 11/09/2020
Date Data Arrived at EDR: 11/10/2020
Date Made Active in Reports: 01/14/2021
Number of Days to Update: 65

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 02/09/2021
Next Scheduled EDR Contact: 05/24/2021
Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

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 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 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 1: Active Toxic Site Investigation
Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List
Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks
California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

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

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

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 5: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 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

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/29/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land
Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/26/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 78

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 04/15/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
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: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

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

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: No Update Planned

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: No Update Planned

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: No Update Planned

State and tribal registered storage tank lists

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 07/21/2020
Date Data Arrived at EDR: 09/03/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 83

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Varies

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases
UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 09/03/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 12/03/2020
Number of Days to Update: 86

Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 12/08/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 09/19/2016
Number of Days to Update: 69

Source: California Environmental Protection Agency
Telephone: 916-327-5092
Last EDR Contact: 12/09/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 04/03/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 12/15/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/29/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 85

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/26/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 78

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 04/08/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INDIAN UST R5: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 04/14/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 84

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 12/16/2020
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing
A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 07/27/2015
Date Data Arrived at EDR: 09/29/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 142

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 12/15/2020
Next Scheduled EDR Contact: 04/05/2021
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

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

Date of Government Version: 10/26/2020
Date Data Arrived at EDR: 10/26/2020
Date Made Active in Reports: 01/13/2021
Number of Days to Update: 79

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/26/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Quarterly

State and tribal Brownfields sites

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

Date of Government Version: 09/21/2020
Date Data Arrived at EDR: 09/22/2020
Date Made Active in Reports: 12/11/2020
Number of Days to Update: 80

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites
Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 09/14/2020
Date Data Arrived at EDR: 09/15/2020
Date Made Active in Reports: 12/10/2020
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/11/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: Waste Management Unit Database
Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/08/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing
A listing of registered waste tire haulers.

Date of Government Version: 11/23/2020
Date Data Arrived at EDR: 11/23/2020
Date Made Active in Reports: 02/08/2021
Number of Days to Update: 77

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 02/08/2021
Next Scheduled EDR Contact: 05/24/2021
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Varies

ODI: Open Dump Inventory
An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations
A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: No Update Planned

IHS OPEN DUMPS: Open Dumps on Indian Land
A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014
Date Data Arrived at EDR: 08/06/2014
Date Made Active in Reports: 01/29/2015
Number of Days to Update: 176

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 01/29/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations that have been removed from the DEAs National Clandestine Laboratory Register.

Date of Government Version: 03/18/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: No Update Planned

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 10/26/2020
Date Data Arrived at EDR: 10/26/2020
Date Made Active in Reports: 01/13/2021
Number of Days to Update: 79

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/26/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Quarterly

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 06/30/2019
Date Data Arrived at EDR: 05/28/2020
Date Made Active in Reports: 08/12/2020
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Varies

CERS HAZ WASTE: CERS HAZ WASTE

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

Date of Government Version: 10/19/2020
Date Data Arrived at EDR: 10/19/2020
Date Made Active in Reports: 01/07/2021
Number of Days to Update: 80

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 01/20/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 03/18/2020
Date Data Arrived at EDR: 03/19/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 82

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Quarterly

PFAS: PFAS Contamination Site Location Listing

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

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 12/01/2020
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/08/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

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

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 05/20/2020
Date Data Arrived at EDR: 05/20/2020
Date Made Active in Reports: 08/06/2020
Number of Days to Update: 78

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
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: 11/05/2020
Date Data Arrived at EDR: 11/06/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 81

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Varies

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

Date of Government Version: 10/19/2020
Date Data Arrived at EDR: 10/19/2020
Date Made Active in Reports: 01/07/2021
Number of Days to Update: 80

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 01/20/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Quarterly

CA FID UST: Facility Inventory Database
The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Local Land Records

LIENS: Environmental Liens Listing
A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 11/24/2020
Date Data Arrived at EDR: 11/30/2020
Date Made Active in Reports: 02/10/2021
Number of Days to Update: 72

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/23/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Varies

LIENS 2: CERCLA Lien Information
A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 20

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Semi-Annually

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 08/31/2020
Date Data Arrived at EDR: 08/31/2020
Date Made Active in Reports: 11/20/2020
Number of Days to Update: 81

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System
Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 09/20/2020
Date Data Arrived at EDR: 09/22/2020
Date Made Active in Reports: 12/14/2020
Number of Days to Update: 83

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System
California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 09/30/2020
Date Data Arrived at EDR: 10/19/2020
Date Made Active in Reports: 01/07/2021
Number of Days to Update: 80

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 01/20/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Semi-Annually

LDS: Land Disposal Sites Listing (GEOTRACKER)
Land Disposal sites (Landfills) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing (GEOTRACKER)
Military sites (consisting of: Military UST sites; Military Privatized sites; and Military Cleanup sites [formerly known as DoD non UST]) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/22/2013
Number of Days to Update: 50

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 12/14/2020
Date Data Arrived at EDR: 12/17/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 5

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 09/29/2020
Date Data Arrived at EDR: 11/17/2020
Date Made Active in Reports: 01/25/2021
Number of Days to Update: 69

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 11/17/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

DOD: Department of Defense Sites

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

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/15/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Semi-Annually

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 01/07/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 01/01/2017
Date Data Arrived at EDR: 02/03/2017
Date Made Active in Reports: 04/07/2017
Number of Days to Update: 63

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/09/2021
Next Scheduled EDR Contact: 05/24/2021
Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 09/21/2020
Date Data Arrived at EDR: 09/22/2020
Date Made Active in Reports: 12/14/2020
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013
Date Data Arrived at EDR: 03/21/2014
Date Made Active in Reports: 06/17/2014
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 02/02/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Quarterly

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 09/30/2017
Date Data Arrived at EDR: 05/08/2018
Date Made Active in Reports: 07/20/2018
Number of Days to Update: 73

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 02/05/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2016
Date Data Arrived at EDR: 06/17/2020
Date Made Active in Reports: 09/10/2020
Number of Days to Update: 85

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/18/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: Every 4 Years

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 08/14/2020
Date Made Active in Reports: 11/04/2020
Number of Days to Update: 82

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/02/2021
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Annually

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 10/19/2020
Date Data Arrived at EDR: 10/19/2020
Date Made Active in Reports: 01/04/2021
Number of Days to Update: 77

Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/21/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Annually

ROD: Records Of Decision

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

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 20

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Annually

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 11/02/2020
Date Data Arrived at EDR: 11/12/2020
Date Made Active in Reports: 01/25/2021
Number of Days to Update: 74

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 04/27/2020
Date Data Arrived at EDR: 05/06/2020
Date Made Active in Reports: 06/09/2020
Number of Days to Update: 34

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Quarterly

PADS: PCB Activity Database System
PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 10/09/2019
Date Data Arrived at EDR: 10/11/2019
Date Made Active in Reports: 12/20/2019
Number of Days to Update: 70

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/08/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Annually

ICIS: Integrated Compliance Information System
The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 11/18/2016
Date Data Arrived at EDR: 11/23/2016
Date Made Active in Reports: 02/10/2017
Number of Days to Update: 79

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/30/2020
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Quarterly

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 08/18/2017
Next Scheduled EDR Contact: 12/04/2017
Data Release Frequency: No Update Planned

MLTS: Material Licensing Tracking System
MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 08/05/2020
Date Data Arrived at EDR: 08/10/2020
Date Made Active in Reports: 10/08/2020
Number of Days to Update: 59

Source: Nuclear Regulatory Commission
Telephone: 301-415-7169
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data
A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 12/01/2020
Date Made Active in Reports: 02/09/2021
Number of Days to Update: 70

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List
A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 01/12/2017
Date Data Arrived at EDR: 03/05/2019
Date Made Active in Reports: 11/11/2019
Number of Days to Update: 251

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 11/30/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 09/13/2019
Date Data Arrived at EDR: 11/06/2019
Date Made Active in Reports: 02/10/2020
Number of Days to Update: 96

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 02/05/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Varies

RADINFO: Radiation Information Database
The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 07/01/2019
Date Data Arrived at EDR: 07/01/2019
Date Made Active in Reports: 09/23/2019
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-343-9775
Last EDR Contact: 01/08/2021
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing
A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing
A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 01/02/2020
Date Data Arrived at EDR: 01/28/2020
Date Made Active in Reports: 04/17/2020
Number of Days to Update: 80

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 01/27/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Quarterly

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 09/30/2020
Date Data Arrived at EDR: 10/08/2020
Date Made Active in Reports: 01/04/2021
Number of Days to Update: 88

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2017
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 11/20/2020
Number of Days to Update: 151

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 12/23/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Biennially

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 07/14/2015
Date Made Active in Reports: 01/10/2017
Number of Days to Update: 546

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 01/08/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Semi-Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 08/08/2017
Date Data Arrived at EDR: 09/11/2018
Date Made Active in Reports: 09/14/2018
Number of Days to Update: 3

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 02/02/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Varies

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 08/30/2019
Date Data Arrived at EDR: 11/15/2019
Date Made Active in Reports: 01/28/2020
Number of Days to Update: 74

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/20/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites
A listing of former lead smelter site locations.

Date of Government Version: 12/30/2020
Date Data Arrived at EDR: 01/14/2021
Date Made Active in Reports: 02/09/2021
Number of Days to Update: 26

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 01/14/2021
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites
A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001
Date Data Arrived at EDR: 10/27/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 36

Source: American Journal of Public Health
Telephone: 703-305-6451
Last EDR Contact: 12/02/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)
The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data
A listing of minor source facilities.

Date of Government Version: 10/12/2016
Date Data Arrived at EDR: 10/26/2016
Date Made Active in Reports: 02/03/2017
Number of Days to Update: 100

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2017
Next Scheduled EDR Contact: 01/08/2018
Data Release Frequency: Annually

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: 11/03/2020
Date Data Arrived at EDR: 11/23/2020
Date Made Active in Reports: 01/25/2021
Number of Days to Update: 63

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/23/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data
Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 11/24/2020
Date Data Arrived at EDR: 11/30/2020
Date Made Active in Reports: 01/25/2021
Number of Days to Update: 56

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 11/24/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/06/2020
Date Data Arrived at EDR: 05/27/2020
Date Made Active in Reports: 08/13/2020
Number of Days to Update: 78

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/25/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Varies

US MINES 3: Active Mines & Mineral Plants Database Listing

Active Mines and Mineral Processing Plant operations for commodities monitored by the Minerals Information Team of the USGS.

Date of Government Version: 04/14/2011
Date Data Arrived at EDR: 06/08/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 97

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/25/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Varies

ABANDONED MINES: Abandoned Mines

An inventory of land and water impacted by past mining (primarily coal mining) is maintained by OSMRE to provide information needed to implement the Surface Mining Control and Reclamation Act of 1977 (SMCRA). The inventory contains information on the location, type, and extent of AML impacts, as well as, information on the cost associated with the reclamation of those problems. The inventory is based upon field surveys by State, Tribal, and OSMRE program officials. It is dynamic to the extent that it is modified as new problems are identified and existing problems are reclaimed.

Date of Government Version: 09/16/2020
Date Data Arrived at EDR: 09/17/2020
Date Made Active in Reports: 12/10/2020
Number of Days to Update: 84

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 12/10/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 11/04/2020
Date Data Arrived at EDR: 12/01/2020
Date Made Active in Reports: 01/25/2021
Number of Days to Update: 55

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 07/02/2020
Date Made Active in Reports: 09/17/2020
Number of Days to Update: 77

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 01/15/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ECHO: Enforcement & Compliance History Information
ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 10/03/2020
Date Data Arrived at EDR: 10/06/2020
Date Made Active in Reports: 01/04/2021
Number of Days to Update: 90

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 01/08/2021
Next Scheduled EDR Contact: 04/19/2021
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: 11/03/2020
Date Data Arrived at EDR: 11/17/2020
Date Made Active in Reports: 02/09/2021
Number of Days to Update: 84

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 11/17/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Varies

FUELS PROGRAM: EPA Fuels Program Registered Listing
This listing includes facilities that are registered under the Part 80 (Code of Federal Regulations) EPA Fuels Programs. All companies now are required to submit new and updated registrations.

Date of Government Version: 11/13/2020
Date Data Arrived at EDR: 11/13/2020
Date Made Active in Reports: 01/25/2021
Number of Days to Update: 73

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/13/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Quarterly

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

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

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

Date of Government Version: 06/22/2020
Date Data Arrived at EDR: 06/22/2020
Date Made Active in Reports: 09/04/2020
Number of Days to Update: 74

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 12/17/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

CUPA LIVERMORE-PLEASANTON: CUPA Facility Listing
list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 05/01/2019
Date Data Arrived at EDR: 05/14/2019
Date Made Active in Reports: 07/17/2019
Number of Days to Update: 64

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 11/13/2020
Next Scheduled EDR Contact: 02/22/2021
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 11/17/2020
Date Data Arrived at EDR: 11/18/2020
Date Made Active in Reports: 02/04/2021
Number of Days to Update: 78

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 11/23/2020
Date Data Arrived at EDR: 11/25/2020
Date Made Active in Reports: 02/10/2021
Number of Days to Update: 77

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 11/23/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Annually

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing

A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 11/23/2020
Date Data Arrived at EDR: 11/24/2020
Date Made Active in Reports: 02/10/2021
Number of Days to Update: 78

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 11/23/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Varies

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 06/16/2020
Date Made Active in Reports: 08/28/2020
Number of Days to Update: 73

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 12/18/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 10/16/2020
Date Data Arrived at EDR: 10/19/2020
Date Made Active in Reports: 01/07/2021
Number of Days to Update: 80

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 01/20/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 10/13/2020
Date Data Arrived at EDR: 10/14/2020
Date Made Active in Reports: 01/04/2021
Number of Days to Update: 82

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 01/22/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 11/12/2020
Date Data Arrived at EDR: 11/13/2020
Date Made Active in Reports: 01/29/2021
Number of Days to Update: 77

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 02/08/2021
Next Scheduled EDR Contact: 05/24/2021
Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 04/15/2020
Date Made Active in Reports: 07/02/2020
Number of Days to Update: 78

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 01/05/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Annually

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 11/13/2020
Date Data Arrived at EDR: 11/13/2020
Date Made Active in Reports: 02/01/2021
Number of Days to Update: 80

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 11/13/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List

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

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing

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

Date of Government Version: 11/13/2020
Date Data Arrived at EDR: 11/13/2020
Date Made Active in Reports: 02/01/2021
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/13/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Quarterly

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 10/05/2020
Date Data Arrived at EDR: 10/06/2020
Date Made Active in Reports: 12/23/2020
Number of Days to Update: 78

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 01/05/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing
A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 12/08/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing
The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 08/31/2020
Date Data Arrived at EDR: 08/31/2020
Date Made Active in Reports: 11/20/2020
Number of Days to Update: 81

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Varies

NPDES: NPDES Permits Listing
A listing of NPDES permits, including stormwater.

Date of Government Version: 11/09/2020
Date Data Arrived at EDR: 11/10/2020
Date Made Active in Reports: 01/27/2021
Number of Days to Update: 78

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 02/09/2021
Next Scheduled EDR Contact: 05/24/2021
Data Release Frequency: Quarterly

PEST LIC: Pesticide Regulation Licenses Listing
A listing of licenses and certificates issued by the Department of Pesticide Regulation. The DPR issues licenses and/or certificates to: Persons and businesses that apply or sell pesticides; Pest control dealers and brokers; Persons who advise on agricultural pesticide applications.

Date of Government Version: 08/31/2020
Date Data Arrived at EDR: 08/31/2020
Date Made Active in Reports: 11/20/2020
Number of Days to Update: 81

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 12/01/2020
Number of Days to Update: 84

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/08/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

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

Date of Government Version: 12/07/2020
Date Data Arrived at EDR: 12/09/2020
Date Made Active in Reports: 12/10/2020
Number of Days to Update: 1

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 12/07/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: No Update Planned

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 12/01/2020
Number of Days to Update: 84

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 12/08/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing
Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 11/19/2019
Date Data Arrived at EDR: 01/07/2020
Date Made Active in Reports: 03/09/2020
Number of Days to Update: 62

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 01/08/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Varies

WDS: Waste Discharge System
Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 11/13/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: No Update Planned

WIP: Well Investigation Program Case List
Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 12/15/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

WDR: Waste Discharge Requirements Listing

In general, the Waste Discharge Requirements (WDRs) Program (sometimes also referred to as the "Non Chapter 15 (Non 15) Program") regulates point discharges that are exempt pursuant to Subsection 20090 of Title 27 and not subject to the Federal Water Pollution Control Act. Exemptions from Title 27 may be granted for nine categories of discharges (e.g., sewage, wastewater, etc.) that meet, and continue to meet, the preconditions listed for each specific exemption. The scope of the WDRs Program also includes the discharge of wastes classified as inert, pursuant to section 20230 of Title 27.

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 12/01/2020
Number of Days to Update: 84

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 12/08/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

CIWQS: California Integrated Water Quality System

The California Integrated Water Quality System (CIWQS) is a computer system used by the State and Regional Water Quality Control Boards to track information about places of environmental interest, manage permits and other orders, track inspections, and manage violations and enforcement activities.

Date of Government Version: 08/31/2020
Date Data Arrived at EDR: 08/31/2020
Date Made Active in Reports: 11/20/2020
Number of Days to Update: 81

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

CERS: CalEPA Regulated Site Portal Data

The CalEPA Regulated Site Portal database combines data about environmentally regulated sites and facilities in California into a single database. It combines data from a variety of state and federal databases, and provides an overview of regulated activities across the spectrum of environmental programs for any given location in California. These activities include hazardous materials and waste, state and federal cleanups, impacted ground and surface waters, and toxic materials

Date of Government Version: 10/19/2020
Date Data Arrived at EDR: 10/19/2020
Date Made Active in Reports: 01/07/2021
Number of Days to Update: 80

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 01/20/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)

Non-Case Information sites

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)

Other Oil & Gas Projects sites

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)
Produced water ponds sites

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)
Sampling point - public sites

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

WELL STIM PROJ: Well Stimulation Project (GEOTRACKER)
Includes areas of groundwater monitoring plans, a depiction of the monitoring network, and the facilities, boundaries, and subsurface characteristics of the oilfield and the features (oil and gas wells, produced water ponds, UIC wells, water supply wells, etc?) being monitored

Date of Government Version: 09/08/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 11/30/2020
Number of Days to Update: 83

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/04/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Varies

HWTS: Hazardous Waste Tracking System
DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 10/13/2020
Date Data Arrived at EDR: 10/14/2020
Date Made Active in Reports: 11/03/2020
Number of Days to Update: 20

Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Varies

MINES MRDS: Mineral Resources Data System
Mineral Resources Data System

Date of Government Version: 04/06/2018
Date Data Arrived at EDR: 10/21/2019
Date Made Active in Reports: 10/24/2019
Number of Days to Update: 3

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 11/25/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: Varies

PCS ENF: Enforcement data
No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 12/30/2020
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Varies

PCS INACTIVE: Listing of Inactive PCS Permits
An inactive permit is a facility that has shut down or is no longer discharging.

Date of Government Version: 11/05/2014
Date Data Arrived at EDR: 01/06/2015
Date Made Active in Reports: 05/06/2015
Number of Days to Update: 120

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Semi-Annually

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 07/14/2011
Date Data Arrived at EDR: 08/05/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 55

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Semi-Annually

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR Hist Auto: EDR Exclusive Historical Auto Stations

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historical Cleaners

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

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF: Recovered Government Archive Solid Waste Facilities List
The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 01/13/2014
Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank
The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A
Date Data Arrived at EDR: 07/01/2013
Date Made Active in Reports: 12/30/2013
Number of Days to Update: 182

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

CS ALAMEDA: Contaminated Sites
A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/09/2019
Date Data Arrived at EDR: 01/11/2019
Date Made Active in Reports: 03/05/2019
Number of Days to Update: 53

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks
Underground storage tank sites located in Alameda county.

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 10/06/2020
Date Made Active in Reports: 12/23/2020
Number of Days to Update: 78

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 10/19/2020
Date Data Arrived at EDR: 10/22/2020
Date Made Active in Reports: 01/12/2021
Number of Days to Update: 82

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Varies

BUTTE COUNTY:

CUPA BUTTE: CUPA Facility Listing
Cupa facility list.

Date of Government Version: 04/21/2017
Date Data Arrived at EDR: 04/25/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 106

Source: Public Health Department
Telephone: 530-538-7149
Last EDR Contact: 12/30/2020
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 12/15/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 12/24/2020
Number of Days to Update: 8

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 12/15/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 78

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

SL CONTRA COSTA: Site List
List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 10/19/2020
Date Data Arrived at EDR: 10/22/2020
Date Made Active in Reports: 01/13/2021
Number of Days to Update: 83

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 06/08/2020
Date Data Arrived at EDR: 08/13/2020
Date Made Active in Reports: 10/22/2020
Number of Days to Update: 70

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 10/22/2020
Date Data Arrived at EDR: 11/03/2020
Date Made Active in Reports: 01/20/2021
Number of Days to Update: 78

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 02/08/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 10/02/2020
Date Data Arrived at EDR: 10/06/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 77

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 01/15/2021
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Semi-Annually

GLENN COUNTY:

CUPA GLENN: CUPA Facility List
Cupa facility list

Date of Government Version: 01/22/2018
Date Data Arrived at EDR: 01/24/2018
Date Made Active in Reports: 03/14/2018
Number of Days to Update: 49

Source: Glenn County Air Pollution Control District
Telephone: 830-934-6500
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 11/18/2020
Date Data Arrived at EDR: 11/19/2020
Date Made Active in Reports: 02/04/2021
Number of Days to Update: 77

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 10/14/2020
Date Data Arrived at EDR: 10/15/2020
Date Made Active in Reports: 01/05/2021
Number of Days to Update: 82

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

INYO COUNTY:

CUPA INYO: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/03/2018
Date Made Active in Reports: 06/14/2018
Number of Days to Update: 72

Source: Inyo County Environmental Health Services
Telephone: 760-878-0238
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

KERN COUNTY:

CUPA KERN: CUPA Facility List
A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 10/29/2020
Date Data Arrived at EDR: 10/30/2020
Date Made Active in Reports: 01/15/2021
Number of Days to Update: 77

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 01/19/2021
Date Data Arrived at EDR: 01/21/2021
Date Made Active in Reports: 01/28/2021
Number of Days to Update: 7

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 05/11/2020
Date Data Arrived at EDR: 05/12/2020
Date Made Active in Reports: 07/27/2020
Number of Days to Update: 76

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List
Cupa facility list

Date of Government Version: 08/13/2020
Date Data Arrived at EDR: 08/13/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 71

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 01/11/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List
Cupa facility list

Date of Government Version: 07/31/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 80

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

LOS ANGELES COUNTY:

AOCONCERN: Key Areas of Concerns in Los Angeles County
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office. Date of Government Version: 3/30/2009 Exide Site area is a cleanup plan of lead-impacted soil surrounding the former Exide Facility as designated by the DTSC. Date of Government Version: 7/17/2017

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: N/A
Telephone: N/A
Last EDR Contact: 12/09/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: No Update Planned

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 10/19/2020
Date Data Arrived at EDR: 10/20/2020
Date Made Active in Reports: 01/12/2021
Number of Days to Update: 84

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 01/04/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/09/2020
Date Data Arrived at EDR: 10/09/2020
Date Made Active in Reports: 12/29/2020
Number of Days to Update: 81

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 01/12/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 12/31/2019
Date Data Arrived at EDR: 08/17/2020
Date Made Active in Reports: 11/05/2020
Number of Days to Update: 80

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 01/11/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Varies

LOS ANGELES AST: Active & Inactive AST Inventory
A listing of active & inactive above ground petroleum storage tank site locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/18/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Varies

LOS ANGELES CO LF METHANE: Methane Producing Landfills
This data was created on April 30, 2012 to represent known disposal sites in Los Angeles County that may produce and emanate methane gas. The shapefile contains disposal sites within Los Angeles County that once accepted degradable refuse material. Information used to create this data was extracted from a landfill survey performed by County Engineers (Major Waste System Map, 1973) as well as historical records from CalRecycle, Regional Water Quality Control Board, and Los Angeles County Department of Public Health

Date of Government Version: 04/30/2012
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 42

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 01/15/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: No Update Planned

LOS ANGELES HM: Active & Inactive Hazardous Materials Inventory
A listing of active & inactive hazardous materials facility locations, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/18/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Varies

LOS ANGELES UST: Active & Inactive UST Inventory
A listing of active & inactive underground storage tank site locations and underground storage tank historical sites, located in the City of Los Angeles.

Date of Government Version: 06/01/2019
Date Data Arrived at EDR: 06/25/2019
Date Made Active in Reports: 08/22/2019
Number of Days to Update: 58

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/18/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 07/20/2020
Date Data Arrived at EDR: 10/09/2020
Date Made Active in Reports: 12/29/2020
Number of Days to Update: 81

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 01/12/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Annually

UST EL SEGUNDO: City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 04/19/2017
Date Made Active in Reports: 05/10/2017
Number of Days to Update: 21

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 10/07/2020
Next Scheduled EDR Contact: 01/25/2021
Data Release Frequency: No Update Planned

UST LONG BEACH: City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 04/22/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/27/2019
Number of Days to Update: 65

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 09/11/2020
Date Data Arrived at EDR: 10/07/2020
Date Made Active in Reports: 12/23/2020
Number of Days to Update: 77

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 72

Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

MARIN COUNTY:

UST MARIN: Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 09/26/2018
Date Data Arrived at EDR: 10/04/2018
Date Made Active in Reports: 11/02/2018
Number of Days to Update: 29

Source: Public Works Department Waste Management
Telephone: 415-473-6647
Last EDR Contact: 12/21/2020
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 07/28/2020
Date Data Arrived at EDR: 07/30/2020
Date Made Active in Reports: 07/31/2020
Number of Days to Update: 1

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 01/29/2021
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 11/16/2020
Date Data Arrived at EDR: 11/23/2020
Date Made Active in Reports: 02/08/2021
Number of Days to Update: 77

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 11/15/2020
Next Scheduled EDR Contact: 03/08/3021
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 07/13/2020
Date Data Arrived at EDR: 07/15/2020
Date Made Active in Reports: 07/31/2020
Number of Days to Update: 16

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 12/21/2020
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Varies

NAPA COUNTY:

LUST NAPA: Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2017
Date Data Arrived at EDR: 01/11/2017
Date Made Active in Reports: 03/02/2017
Number of Days to Update: 50

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: No Update Planned

UST NAPA: Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 09/05/2019
Date Data Arrived at EDR: 09/09/2019
Date Made Active in Reports: 10/31/2019
Number of Days to Update: 52

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 10/26/2020
Date Data Arrived at EDR: 10/28/2020
Date Made Active in Reports: 01/15/2021
Number of Days to Update: 79

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 09/01/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 82

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 09/01/2020
Date Data Arrived at EDR: 11/06/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 81

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/05/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 09/01/2020
Date Data Arrived at EDR: 11/03/2020
Date Made Active in Reports: 01/21/2021
Number of Days to Update: 79

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 02/02/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 11/24/2020
Date Data Arrived at EDR: 11/24/2020
Date Made Active in Reports: 11/25/2020
Number of Days to Update: 1

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 11/23/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Semi-Annually

PLUMAS COUNTY:

CUPA PLUMAS: CUPA Facility List
Plumas County CUPA Program facilities.

Date of Government Version: 03/31/2019
Date Data Arrived at EDR: 04/23/2019
Date Made Active in Reports: 06/26/2019
Number of Days to Update: 64

Source: Plumas County Environmental Health
Telephone: 530-283-6355
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

RIVERSIDE COUNTY:

LUST RIVERSIDE: Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 10/06/2020
Date Data Arrived at EDR: 10/07/2020
Date Made Active in Reports: 11/03/2020
Number of Days to Update: 27

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/09/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 10/06/2020
Date Data Arrived at EDR: 10/07/2020
Date Made Active in Reports: 11/03/2020
Number of Days to Update: 27

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/09/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 02/18/2020
Date Data Arrived at EDR: 03/31/2020
Date Made Active in Reports: 06/15/2020
Number of Days to Update: 76

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 12/30/2020
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 02/24/2020
Date Data Arrived at EDR: 03/31/2020
Date Made Active in Reports: 06/17/2020
Number of Days to Update: 78

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 12/30/2020
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 10/28/2020
Date Data Arrived at EDR: 10/30/2020
Date Made Active in Reports: 01/15/2021
Number of Days to Update: 77

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Varies

SAN BERNARDINO COUNTY:

PERMITS SAN BERNARDINO: Hazardous Material Permits
This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 11/16/2020
Date Data Arrived at EDR: 11/18/2020
Date Made Active in Reports: 02/04/2021
Number of Days to Update: 78

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

HMMD SAN DIEGO: Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 08/31/2020
Date Data Arrived at EDR: 08/31/2020
Date Made Active in Reports: 11/23/2020
Number of Days to Update: 84

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 11/23/2020
Date Made Active in Reports: 02/08/2021
Number of Days to Update: 77

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing

A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/14/2020
Date Data Arrived at EDR: 07/16/2020
Date Made Active in Reports: 09/29/2020
Number of Days to Update: 75

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

SAN DIEGO CO SAM: Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 11/23/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing

Cupa facilities

Date of Government Version: 11/05/2020
Date Data Arrived at EDR: 11/06/2020
Date Made Active in Reports: 01/27/2021
Number of Days to Update: 82

Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Varies

LUST SAN FRANCISCO: Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: No Update Planned

UST SAN FRANCISCO: Underground Storage Tank Information
Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/05/2020
Date Data Arrived at EDR: 11/06/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 81

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 12/09/2020
Next Scheduled EDR Contact: 03/29/2021
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 11/12/2020
Date Data Arrived at EDR: 11/13/2020
Date Made Active in Reports: 02/01/2021
Number of Days to Update: 80

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

SAN MATEO COUNTY:

BI SAN MATEO: Business Inventory
List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 02/20/2020
Date Data Arrived at EDR: 02/20/2020
Date Made Active in Reports: 04/24/2020
Number of Days to Update: 64

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/11/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Annually

LUST SAN MATEO: Fuel Leak List
A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/29/2019
Date Data Arrived at EDR: 03/29/2019
Date Made Active in Reports: 05/29/2019
Number of Days to Update: 61

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 12/01/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA SANTA BARBARA: CUPA Facility Listing
CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011
Date Data Arrived at EDR: 09/09/2011
Date Made Active in Reports: 10/07/2011
Number of Days to Update: 28

Source: Santa Barbara County Public Health Department
Telephone: 805-686-8167
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 11/20/2020
Date Data Arrived at EDR: 11/23/2020
Date Made Active in Reports: 02/05/2021
Number of Days to Update: 74

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

HIST LUST SANTA CLARA: HIST LUST - Fuel Leak Site Activity Report
A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LUST SANTA CLARA: LOP Listing
A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 03/03/2014
Date Data Arrived at EDR: 03/05/2014
Date Made Active in Reports: 03/18/2014
Number of Days to Update: 13

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 11/16/2020
Next Scheduled EDR Contact: 03/08/2021
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 82

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA SANTA CRUZ: CUPA Facility List
CUPA facility listing.

Date of Government Version: 01/21/2017
Date Data Arrived at EDR: 02/22/2017
Date Made Active in Reports: 05/23/2017
Number of Days to Update: 90

Source: Santa Cruz County Environmental Health
Telephone: 831-464-2761
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

SHASTA COUNTY:

CUPA SHASTA: CUPA Facility List
Cupa Facility List.

Date of Government Version: 06/15/2017
Date Data Arrived at EDR: 06/19/2017
Date Made Active in Reports: 08/09/2017
Number of Days to Update: 51

Source: Shasta County Department of Resource Management
Telephone: 530-225-5789
Last EDR Contact: 11/11/2020
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Varies

SOLANO COUNTY:

LUST SOLANO: Leaking Underground Storage Tanks
A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/04/2019
Date Data Arrived at EDR: 06/06/2019
Date Made Active in Reports: 08/13/2019
Number of Days to Update: 68

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/03/2019
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 08/25/2020
Date Data Arrived at EDR: 08/26/2020
Date Made Active in Reports: 09/16/2020
Number of Days to Update: 21

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 12/03/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 12/15/2020
Date Data Arrived at EDR: 12/16/2020
Date Made Active in Reports: 12/23/2020
Number of Days to Update: 7

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 12/15/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 09/18/2020
Date Data Arrived at EDR: 09/22/2020
Date Made Active in Reports: 12/14/2020
Number of Days to Update: 83

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 12/15/2020
Next Scheduled EDR Contact: 04/05/2021
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 10/01/2020
Date Data Arrived at EDR: 10/06/2020
Date Made Active in Reports: 12/22/2020
Number of Days to Update: 77

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 01/11/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 11/23/2020
Date Data Arrived at EDR: 11/24/2020
Date Made Active in Reports: 02/10/2021
Number of Days to Update: 78

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 11/23/2020
Next Scheduled EDR Contact: 03/15/2021
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 08/11/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/26/2020
Number of Days to Update: 75

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 10/14/2020
Date Data Arrived at EDR: 10/15/2020
Date Made Active in Reports: 01/05/2021
Number of Days to Update: 82

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 10/30/2020
Date Data Arrived at EDR: 11/03/2020
Date Made Active in Reports: 01/20/2021
Number of Days to Update: 78

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 02/01/2021
Next Scheduled EDR Contact: 05/17/2021
Data Release Frequency: Varies

TUOLUMNE COUNTY:

CUPA TUOLUMNE: CUPA Facility List
Cupa facility list

Date of Government Version: 04/23/2018
Date Data Arrived at EDR: 04/25/2018
Date Made Active in Reports: 06/25/2018
Number of Days to Update: 61

Source: Divison of Environmental Health
Telephone: 209-533-5633
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Varies

VENTURA COUNTY:

BWT VENTURA: Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 09/28/2020
Date Data Arrived at EDR: 10/22/2020
Date Made Active in Reports: 01/12/2021
Number of Days to Update: 82

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 01/19/2021
Next Scheduled EDR Contact: 05/02/2021
Data Release Frequency: Quarterly

LF VENTURA: Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/21/2020
Next Scheduled EDR Contact: 04/12/2021
Data Release Frequency: No Update Planned

LUST VENTURA: Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 02/08/2021
Next Scheduled EDR Contact: 05/24/2021
Data Release Frequency: No Update Planned

MED WASTE VENTURA: Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 09/28/2020
Date Data Arrived at EDR: 10/22/2020
Date Made Active in Reports: 01/12/2021
Number of Days to Update: 82

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 01/20/2021
Next Scheduled EDR Contact: 05/03/2021
Data Release Frequency: Quarterly

UST VENTURA: Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 08/26/2020
Date Data Arrived at EDR: 09/08/2020
Date Made Active in Reports: 12/01/2020
Number of Days to Update: 84

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/08/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Quarterly

YOLO COUNTY:

UST YOLO: Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 12/21/2020
Date Data Arrived at EDR: 12/23/2020
Date Made Active in Reports: 01/04/2021
Number of Days to Update: 12

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 12/20/2020
Next Scheduled EDR Contact: 04/11/2021
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 01/26/2021
Date Data Arrived at EDR: 01/28/2021
Date Made Active in Reports: 02/03/2021
Number of Days to Update: 6

Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 01/25/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 10/20/2020
Date Made Active in Reports: 11/02/2020
Number of Days to Update: 13

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/09/2020
Next Scheduled EDR Contact: 02/22/2021
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 04/10/2019
Date Made Active in Reports: 05/16/2019
Number of Days to Update: 36

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 01/08/2021
Next Scheduled EDR Contact: 04/19/2021
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 01/01/2019
Date Data Arrived at EDR: 04/29/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 72

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 01/29/2021
Next Scheduled EDR Contact: 05/10/2021
Data Release Frequency: Quarterly

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 06/30/2018
Date Data Arrived at EDR: 07/19/2019
Date Made Active in Reports: 09/10/2019
Number of Days to Update: 53

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 01/11/2021
Next Scheduled EDR Contact: 04/26/2021
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2018
Date Data Arrived at EDR: 10/02/2019
Date Made Active in Reports: 12/10/2019
Number of Days to Update: 69

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/09/2021
Next Scheduled EDR Contact: 03/01/2021
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 05/31/2018
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 09/03/2019
Number of Days to Update: 76

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 12/03/2020
Next Scheduled EDR Contact: 03/22/2021
Data Release Frequency: Annually

Oil/Gas Pipelines
Source: Endeavor Business Media
Petroleum Bundle (Crude Oil, Refined Products, Petrochemicals, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)) N = Natural Gas Bundle (Natural Gas, Gas Liquids (LPG/NGL), and Specialty Gases (Miscellaneous)). This map includes information copyrighted by Endeavor Business Media. This information is provided on a best effort basis and Endeavor Business Media does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of Endeavor Business Media.

Electric Power Transmission Line Data
Source: Endeavor Business Media
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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

319- 327 N HARBOR BLVD
319- 327 N HARBOR BLVD
SAN PEDRO, CA 90731

TARGET PROPERTY COORDINATES

Latitude (North):	33.745771 - 33° 44' 44.78''
Longitude (West):	118.280069 - 118° 16' 48.25''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	381430.9
UTM Y (Meters):	3734510.2
Elevation:	21 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	5640434 SAN PEDRO, CA
Version Date:	2012
North Map:	5633779 TORRANCE, CA
Version Date:	2012

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

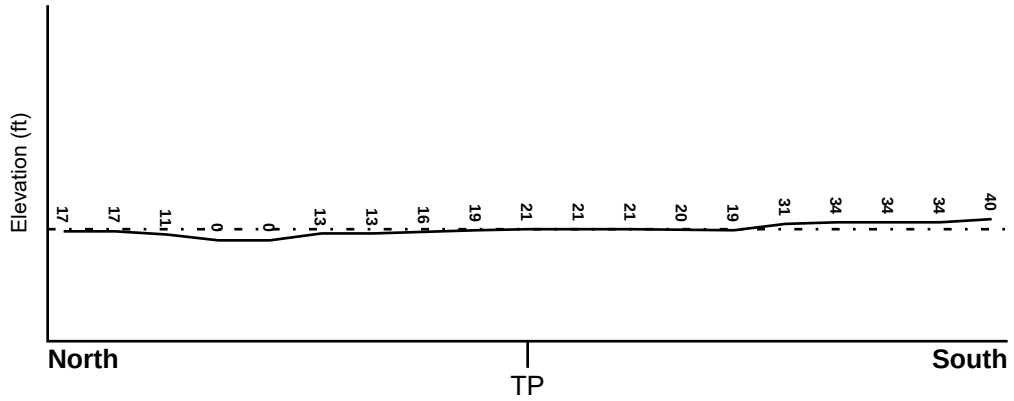
TOPOGRAPHIC INFORMATION

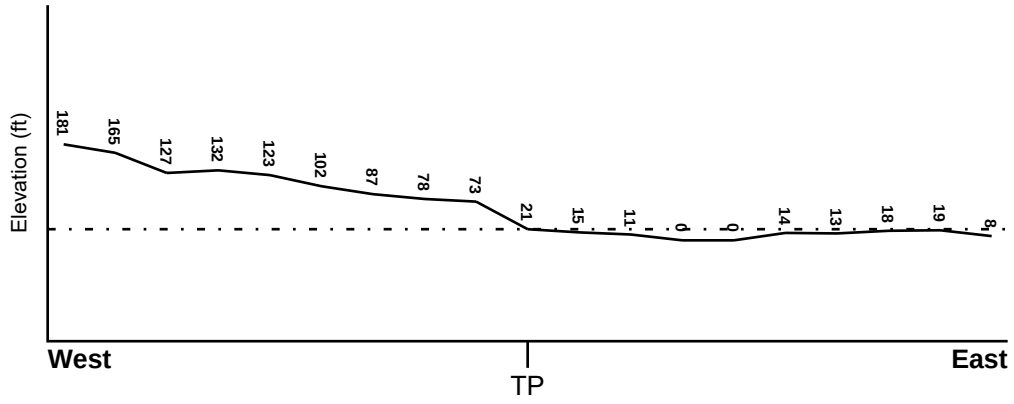
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General East

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Target Property Elevation: 21 ft.

0 1/2 1 Miles

Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
06037C2032F	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06037C1945F	FEMA FIRM Flood data
06037C2031F	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
SAN PEDRO	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Location Relative to TP:	1/4 - 1/2 Mile West
Site Name:	Plaza Automotive Center
Site EPA ID Number:	CAD982403370
Groundwater Flow Direction:	SE TOWARD THE PACIFIC OCEAN.
Inferred Depth to Water:	10 to 50 feet.
Hydraulic Connection:	The near-surface semi-perched aquifer is underlain by the Bellflower aquiclude.
Sole Source Aquifer:	No information about a sole source aquifer is available
Data Quality:	Information is inferred in the CERCLIS investigation report(s)

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW

* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
61	1/2 - 1 Mile West	Not Reported
1G	1/2 - 1 Mile West	Not Reported

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: URBAN LAND

Soil Surface Texture: variable

Hydrologic Group: Not reported

Soil Drainage Class: Not reported

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 10 inches

Depth to Bedrock Max: > 10 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
	Boundary			Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	Permeability Rate (in/hr)	Soil Reaction (pH)
1	0 inches	6 inches	variable	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: loam
clay
silt loam
loamy sand
sandy loam
fine sand
clay loam
gravelly - sandy loam
coarse sand
gravelly - sand
sand

Surficial Soil Types: loam
clay
silt loam
loamy sand
sandy loam
fine sand
clay loam
gravelly - sandy loam
coarse sand
gravelly - sand
sand

Shallow Soil Types: fine sandy loam
gravelly - loam
sand
silty clay

Deeper Soil Types: stratified
clay loam
silty clay loam
gravelly - sandy loam
coarse sand
sand
weathered bedrock
very fine sandy loam

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
No PWS System Found		

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	CAEDF0000015407	1/4 - 1/2 Mile NNW
A2	CAEDF0000059280	1/4 - 1/2 Mile NNW
3	CAEDF0000115457	1/4 - 1/2 Mile NNE
A4	CAEDF0000076428	1/4 - 1/2 Mile NNW
B5	CAEDF0000102296	1/4 - 1/2 Mile NE
B6	CAEDF0000135318	1/4 - 1/2 Mile NE
B7	CAEDF0000133571	1/4 - 1/2 Mile NE
B8	CAEDF0000040802	1/4 - 1/2 Mile NE
B9	CAEDF0000137076	1/4 - 1/2 Mile NE
B10	CAEDF0000101326	1/4 - 1/2 Mile NE
B11	CAEDF0000136428	1/4 - 1/2 Mile NE
C12	CAEDF0000132422	1/4 - 1/2 Mile NE
C13	CAEDF0000007426	1/4 - 1/2 Mile NE
B14	CAEDF0000124347	1/4 - 1/2 Mile NE
B15	CAEDF0000134049	1/4 - 1/2 Mile NE
B16	CAEDF0000104293	1/4 - 1/2 Mile NE
D17	CAEDF0000099325	1/2 - 1 Mile NNW
D18	CAEDF0000119464	1/2 - 1 Mile NNW
E19	CAEDF0000101788	1/2 - 1 Mile NW
E20	CAEDF0000139766	1/2 - 1 Mile NW

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
F21	CAEDF0000113513	1/2 - 1 Mile West
G22	CAEDF0000111111	1/2 - 1 Mile WSW
H23	CAEDF0000121145	1/2 - 1 Mile NW
F24	CAEDF0000073702	1/2 - 1 Mile West
F25	CAEDF0000075165	1/2 - 1 Mile West
G26	CAEDF0000115666	1/2 - 1 Mile WSW
F27	CAEDF0000074510	1/2 - 1 Mile West
F28	CAEDF0000103295	1/2 - 1 Mile West
F29	CAEDF0000009759	1/2 - 1 Mile West
F30	CAEDF0000059092	1/2 - 1 Mile West
F31	CAEDF0000131165	1/2 - 1 Mile West
G32	CAEDF0000007868	1/2 - 1 Mile WSW
F33	CAEDF0000090603	1/2 - 1 Mile West
F34	CAEDF0000056843	1/2 - 1 Mile West
F35	CAEDF0000123082	1/2 - 1 Mile West
F36	CAEDF0000083063	1/2 - 1 Mile West
F37	CAEDF0000036247	1/2 - 1 Mile West
F38	CAEDF0000143006	1/2 - 1 Mile West
F39	CAEDF0000071577	1/2 - 1 Mile West
G40	CAEDF0000108029	1/2 - 1 Mile WSW
F41	CAEDF0000091492	1/2 - 1 Mile West
F42	CAEDF0000005634	1/2 - 1 Mile West
F43	CAEDF0000091907	1/2 - 1 Mile West
F44	CAEDF0000094914	1/2 - 1 Mile West
F45	CAEDF0000043613	1/2 - 1 Mile West
F46	CAEDF0000111391	1/2 - 1 Mile West
F47	CAEDF0000094482	1/2 - 1 Mile West
F48	CAEDF0000013525	1/2 - 1 Mile West
H49	CAEDF0000062990	1/2 - 1 Mile NW
F50	CAEDF0000138980	1/2 - 1 Mile West
I51	CAEDF0000106918	1/2 - 1 Mile SE
I52	CAEDF0000066875	1/2 - 1 Mile SE
F53	CAEDF0000092845	1/2 - 1 Mile West
F54	CAEDF0000138452	1/2 - 1 Mile West
J55	CAEDF0000086649	1/2 - 1 Mile WSW
K56	CAEDF0000087116	1/2 - 1 Mile SSE
I57	CAEDF0000066726	1/2 - 1 Mile SE
I58	CAEDF0000134319	1/2 - 1 Mile SE
J59	CAEDF0000039808	1/2 - 1 Mile WSW
J60	CAEDF0000062092	1/2 - 1 Mile WSW
G62	CAEDF0000022732	1/2 - 1 Mile WSW
J63	CAEDF0000101358	1/2 - 1 Mile WSW
J64	CAEDF0000123378	1/2 - 1 Mile WSW
H65	CAEDF0000079571	1/2 - 1 Mile NW
G66	CAEDF0000012199	1/2 - 1 Mile WSW
G67	CAEDF0000038915	1/2 - 1 Mile WSW
F68	CAEDF0000060708	1/2 - 1 Mile West
F69	CAEDF0000000331	1/2 - 1 Mile West
J70	CAEDF0000013434	1/2 - 1 Mile WSW
I71	CAEDF0000023853	1/2 - 1 Mile SE
G72	CAEDF0000052172	1/2 - 1 Mile WSW
J73	CAEDF0000109306	1/2 - 1 Mile WSW

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
J74	CAEDF0000012441	1/2 - 1 Mile WSW
G75	CAEDF0000060747	1/2 - 1 Mile WSW
J76	CAEDF0000010778	1/2 - 1 Mile WSW
G77	CAEDF0000079947	1/2 - 1 Mile WSW
I78	CAEDF0000121445	1/2 - 1 Mile SE
G79	CAEDF0000141242	1/2 - 1 Mile WSW
G80	CAEDF0000133859	1/2 - 1 Mile WSW
I81	CAEDF0000136135	1/2 - 1 Mile SE
I82	CAEDF0000069556	1/2 - 1 Mile SE
I83	CAEDF0000064130	1/2 - 1 Mile SE
H84	CAEDF0000111488	1/2 - 1 Mile NW
85	CAEDF0000089836	1/2 - 1 Mile WSW
I86	CAEDF0000103609	1/2 - 1 Mile SE
I87	CAEDF0000072830	1/2 - 1 Mile SE
I88	CAEDF0000034837	1/2 - 1 Mile SE
L89	CAEDF0000121231	1/2 - 1 Mile NE
M90	CAEDF0000110532	1/2 - 1 Mile North
N91	CAEDF0000142214	1/2 - 1 Mile NW
I92	CAEDF0000063951	1/2 - 1 Mile SE
M93	CAEDF0000111288	1/2 - 1 Mile North
O94	CAEDF0000037942	1/2 - 1 Mile North
P95	CAEDF0000057063	1/2 - 1 Mile SE
K96	CAEDF0000110453	1/2 - 1 Mile SSE
L97	CAEDF0000006950	1/2 - 1 Mile NE
P98	CAEDF0000057017	1/2 - 1 Mile SE
M99	CAEDF0000072753	1/2 - 1 Mile North
O100	CAEDF0000052026	1/2 - 1 Mile North
M101	CAEDF0000078024	1/2 - 1 Mile North
L102	CAEDF0000001290	1/2 - 1 Mile NNE
K103	CAEDF0000037076	1/2 - 1 Mile SSE
Q104	CAEDF0000114787	1/2 - 1 Mile SSE
Q105	CAEDF0000130110	1/2 - 1 Mile SSE
R106	CAEDF0000130565	1/2 - 1 Mile ESE
L107	CAEDF0000081174	1/2 - 1 Mile NE
R108	CAEDF0000131313	1/2 - 1 Mile ESE
M109	CAEDF0000059824	1/2 - 1 Mile North
Q110	CAEDF0000032653	1/2 - 1 Mile SSE
Q111	CAEDF0000100438	1/2 - 1 Mile SSE
L112	CAEDF0000041211	1/2 - 1 Mile NNE
L113	CAEDF0000099404	1/2 - 1 Mile NE
R114	CAEDF0000075418	1/2 - 1 Mile ESE
R115	CAEDF0000101678	1/2 - 1 Mile ESE
L116	CAEDF0000033442	1/2 - 1 Mile NNE
L117	CAEDF0000124441	1/2 - 1 Mile NE
Q118	CADWR0000017831	1/2 - 1 Mile SSE
L119	CAEDF0000123132	1/2 - 1 Mile NNE
R120	CAEDF0000044514	1/2 - 1 Mile ESE
L121	CAEDF0000084743	1/2 - 1 Mile NNE
R122	CAEDF0000093093	1/2 - 1 Mile ESE
R123	CAEDF0000137983	1/2 - 1 Mile ESE
P124	CAEDF0000040114	1/2 - 1 Mile SE
N125	CAEDF0000038180	1/2 - 1 Mile NW

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
R126	CAEDF0000013749	1/2 - 1 Mile ESE
L127	CAEDF0000075163	1/2 - 1 Mile NNE
S128	CAEDF0000142890	1/2 - 1 Mile NNE
129	CAEDF0000100103	1/2 - 1 Mile SE
L130	CAEDF0000019382	1/2 - 1 Mile NNE
M131	CAEDF0000090290	1/2 - 1 Mile North
R132	CAEDF0000008884	1/2 - 1 Mile ESE
T133	CAEDF0000012281	1/2 - 1 Mile NE
T134	CAEDF0000065319	1/2 - 1 Mile NE
S135	CAEDF0000074490	1/2 - 1 Mile NNE
R136	CAEDF0000084564	1/2 - 1 Mile ESE
R137	CAEDF0000057138	1/2 - 1 Mile ESE
S138	CAEDF0000019477	1/2 - 1 Mile NNE
L139	CAEDF0000040351	1/2 - 1 Mile NE
R140	CAEDF0000070784	1/2 - 1 Mile ESE
Q141	CAEDF0000038665	1/2 - 1 Mile SSE
R142	CAEDF0000018928	1/2 - 1 Mile ESE
R143	CAEDF0000082906	1/2 - 1 Mile ESE
R144	CAEDF0000069013	1/2 - 1 Mile ESE
R145	CAEDF0000093963	1/2 - 1 Mile ESE
R146	CAEDF0000077965	1/2 - 1 Mile ESE
S147	CAEDF0000053446	1/2 - 1 Mile NNE
O148	CAEDF0000074518	1/2 - 1 Mile North
R149	CAEDF0000103265	1/2 - 1 Mile ESE
Q150	CAEDF0000056309	1/2 - 1 Mile SSE
R151	CAEDF0000091766	1/2 - 1 Mile ESE
L152	CAEDF0000023147	1/2 - 1 Mile NNE
L153	CAEDF0000106652	1/2 - 1 Mile NE
S154	CAEDF0000093264	1/2 - 1 Mile NNE
M155	CAEDF0000135543	1/2 - 1 Mile North
P156	CAEDF0000105790	1/2 - 1 Mile SE
T157	CAEDF0000093441	1/2 - 1 Mile NE
L158	CAEDF0000065045	1/2 - 1 Mile NNE
P159	CAEDF0000073164	1/2 - 1 Mile SE
T160	CAEDF0000069845	1/2 - 1 Mile NE
L161	CAEDF0000035023	1/2 - 1 Mile NNE
S162	CAEDF0000062716	1/2 - 1 Mile NNE
S163	CAEDF0000143692	1/2 - 1 Mile NNE
S164	CAEDF0000137745	1/2 - 1 Mile NNE
S165	CAEDF0000101594	1/2 - 1 Mile NNE
S166	CAEDF0000116527	1/2 - 1 Mile NNE
S167	CAEDF0000101215	1/2 - 1 Mile NNE
O168	CAEDF0000074643	1/2 - 1 Mile North
S169	CAEDF0000106502	1/2 - 1 Mile NNE
S170	CAEDF0000068360	1/2 - 1 Mile NNE
S171	CAEDF0000050421	1/2 - 1 Mile NNE
S172	CAEDF0000087889	1/2 - 1 Mile NNE
S173	CAEDF0000057290	1/2 - 1 Mile NNE
T174	CAEDF0000049885	1/2 - 1 Mile NE
P175	CAEDF0000005803	1/2 - 1 Mile SE
S176	CAEDF0000032912	1/2 - 1 Mile NNE
S177	CAEDF0000108343	1/2 - 1 Mile NNE

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
T178	CAEDF0000042254	1/2 - 1 Mile NE
U179	CAEDF0000045687	1/2 - 1 Mile SE
180	CAEDF0000000913	1/2 - 1 Mile North
V181	CAEDF0000073723	1/2 - 1 Mile NE
T182	CAEDF0000017686	1/2 - 1 Mile NE
183	CADWR0000030951	1/2 - 1 Mile East
W184	CAEDF0000080504	1/2 - 1 Mile SW
X185	CAEDF0000042460	1/2 - 1 Mile NNE
V186	CAEDF0000083523	1/2 - 1 Mile NNE
V187	CAEDF0000057898	1/2 - 1 Mile NNE
X188	CAEDF0000136806	1/2 - 1 Mile NNE
Y189	CAEDF0000045446	1/2 - 1 Mile SSE
U190	CAEDF0000115856	1/2 - 1 Mile SSE
V191	CAEDF0000094309	1/2 - 1 Mile NNE
X192	CAEDF0000123571	1/2 - 1 Mile NNE
X193	CAEDF0000011783	1/2 - 1 Mile NNE
U194	CAEDF0000074809	1/2 - 1 Mile SSE
Y195	CAEDF0000057267	1/2 - 1 Mile SSE
U196	CAEDF0000131577	1/2 - 1 Mile SSE
U197	CAEDF0000051273	1/2 - 1 Mile SSE
Z198	CAEDF0000066538	1/2 - 1 Mile NW
V199	CAEDF0000041582	1/2 - 1 Mile NE
X200	CAEDF0000095943	1/2 - 1 Mile NNE
V201	CAEDF0000118897	1/2 - 1 Mile NE
Z202	CAEDF0000020442	1/2 - 1 Mile NW
Z203	CAEDF0000108153	1/2 - 1 Mile NW
Y204	CAEDF0000023587	1/2 - 1 Mile SSE
V205	CAEDF0000124190	1/2 - 1 Mile NE
V206	CAEDF0000007377	1/2 - 1 Mile NE
AA207	CAEDF0000020816	1/2 - 1 Mile NE
AA208	CAEDF0000076692	1/2 - 1 Mile NE
AB209	CAEDF0000101334	1/2 - 1 Mile NNE
AA210	CAEDF0000073095	1/2 - 1 Mile NE
Z211	CAEDF0000007846	1/2 - 1 Mile NW
AA212	CAEDF0000088212	1/2 - 1 Mile NE
AA213	CAEDF0000048784	1/2 - 1 Mile NE
Z214	CAEDF0000081653	1/2 - 1 Mile NW
W215	CAEDF0000106409	1/2 - 1 Mile SW
W216	CAEDF0000121481	1/2 - 1 Mile SW
Y217	CAEDF0000093404	1/2 - 1 Mile SSE
Z218	CAEDF0000045653	1/2 - 1 Mile NW
AA219	CAEDF0000063169	1/2 - 1 Mile NE
AA220	CAEDF0000012095	1/2 - 1 Mile NE
AA221	CAEDF0000126048	1/2 - 1 Mile NE
AA222	CAEDF0000006855	1/2 - 1 Mile NE
Y223	CAEDF0000093841	1/2 - 1 Mile SSE
Z224	CAEDF0000137266	1/2 - 1 Mile NW
Z225	CAEDF0000053494	1/2 - 1 Mile NW
Z226	CAEDF0000005667	1/2 - 1 Mile NW
AA227	CAEDF0000045043	1/2 - 1 Mile NE
AA228	CAEDF0000050186	1/2 - 1 Mile NE
AA229	CAEDF0000040438	1/2 - 1 Mile NE

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
V230	CAEDF0000039338	1/2 - 1 Mile NE
Z231	CAEDF0000083716	1/2 - 1 Mile NW
W232	CAEDF0000140931	1/2 - 1 Mile SW
AA233	CAEDF0000046397	1/2 - 1 Mile NE
V234	CAEDF0000119152	1/2 - 1 Mile NE
X235	CAEDF0000126115	1/2 - 1 Mile NNE
AB236	CAEDF0000132225	1/2 - 1 Mile NNE
Z237	CAEDF0000057309	1/2 - 1 Mile NW
AA238	CAEDF0000069579	1/2 - 1 Mile NE
W239	CAEDF0000022814	1/2 - 1 Mile SW
W240	CAEDF0000055422	1/2 - 1 Mile SW
W241	CAEDF0000106898	1/2 - 1 Mile SW
V242	CAEDF0000089612	1/2 - 1 Mile NE
W243	CAEDF0000073225	1/2 - 1 Mile SW
AA244	CAEDF0000115216	1/2 - 1 Mile NE
W245	CAEDF0000127107	1/2 - 1 Mile SW
AA246	CAEDF0000043153	1/2 - 1 Mile NE
AA247	CAEDF0000074283	1/2 - 1 Mile NE
AA248	CAEDF0000078702	1/2 - 1 Mile NE
AA249	CAEDF0000005179	1/2 - 1 Mile NE
Z250	CAEDF0000134150	1/2 - 1 Mile NW
W251	CAEDF0000140795	1/2 - 1 Mile SW
AA252	CAEDF0000008424	1/2 - 1 Mile NE
AA253	CAEDF0000045557	1/2 - 1 Mile NE
V254	CAEDF0000124269	1/2 - 1 Mile NE
AA255	CAEDF0000071210	1/2 - 1 Mile NE
AA256	CAEDF0000062422	1/2 - 1 Mile NE
AA257	CAEDF0000005804	1/2 - 1 Mile NE
AA258	CAEDF0000128949	1/2 - 1 Mile NE
AA259	CAEDF0000121636	1/2 - 1 Mile NE
AA260	CAEDF0000081971	1/2 - 1 Mile NE
AB261	CAEDF0000105010	1/2 - 1 Mile NNE
W262	CAEDF0000065621	1/2 - 1 Mile SW
AA263	CAEDF0000004997	1/2 - 1 Mile NE
AB264	CAEDF0000040184	1/2 - 1 Mile NE
265	CAEDF0000115450	1/2 - 1 Mile SW
AA266	CAEDF0000058394	1/2 - 1 Mile NE
AB267	CAEDF0000075962	1/2 - 1 Mile NE
AA268	CAEDF0000003757	1/2 - 1 Mile NE
AC269	CAEDF0000079807	1/2 - 1 Mile NNW
Y270	CAEDF0000015740	1/2 - 1 Mile SSE
AD271	CAEDF0000106937	1/2 - 1 Mile NE
AA272	CAEDF0000020990	1/2 - 1 Mile NE
AC273	CAEDF0000034716	1/2 - 1 Mile NNW
AA274	CAEDF0000098484	1/2 - 1 Mile NE
AA275	CAEDF0000017966	1/2 - 1 Mile NE
AA276	CAEDF0000120251	1/2 - 1 Mile NE
AD277	CAEDF0000082136	1/2 - 1 Mile NE
AA278	CAEDF0000095331	1/2 - 1 Mile NE
AA279	CAEDF0000049657	1/2 - 1 Mile NE
AE280	CAEDF0000124096	1/2 - 1 Mile SSE
AC281	CAEDF0000119409	1/2 - 1 Mile NNW

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

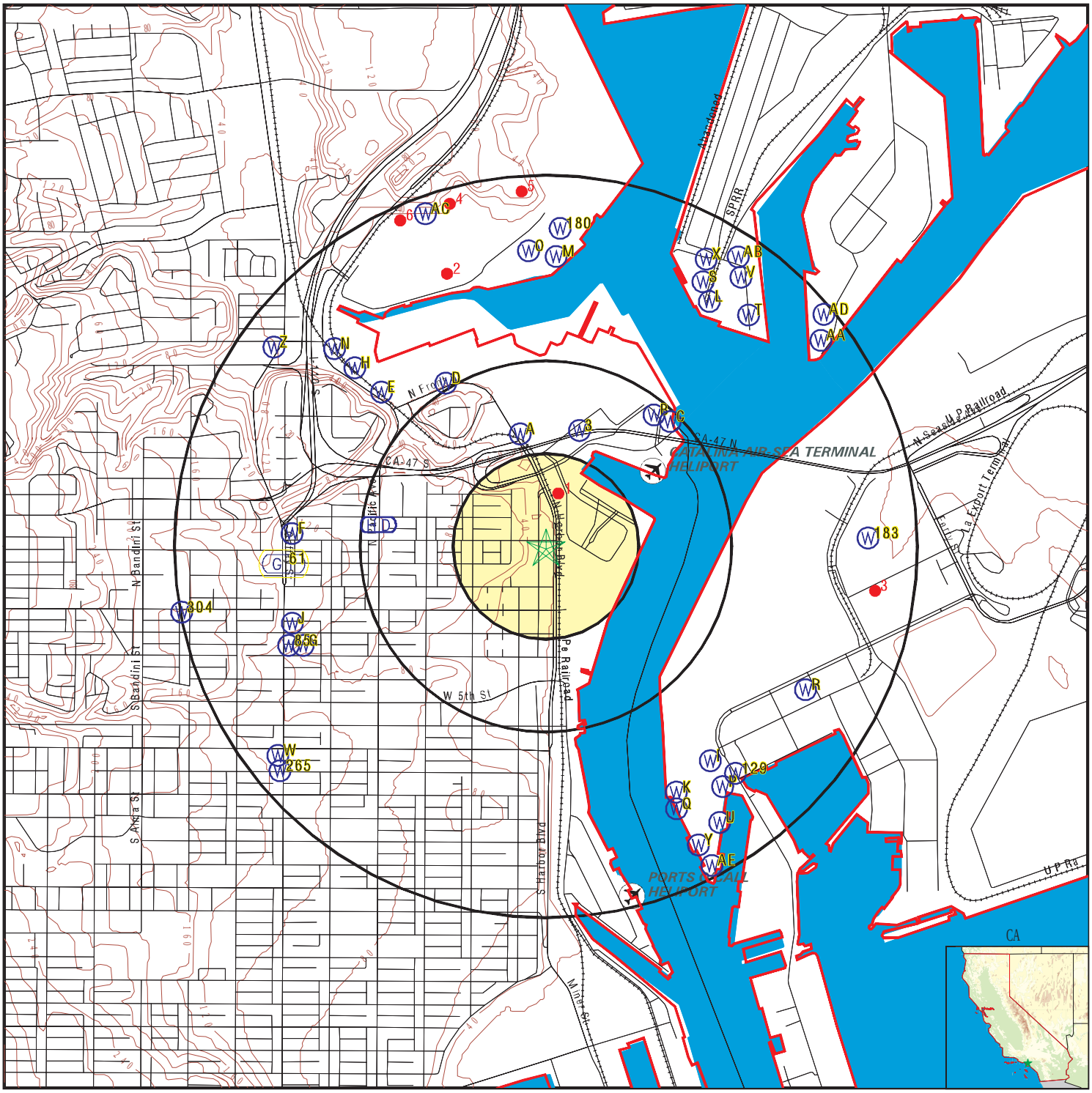
MAP ID	WELL ID	LOCATION FROM TP
AD282	CAEDF0000062545	1/2 - 1 Mile NE
AD283	CAEDF0000058431	1/2 - 1 Mile NE
AB284	CAEDF0000143107	1/2 - 1 Mile NNE
AD285	CAEDF0000034198	1/2 - 1 Mile NE
AD286	CAEDF0000024310	1/2 - 1 Mile NE
AD287	CAEDF0000060374	1/2 - 1 Mile NE
AC288	CAEDF0000135408	1/2 - 1 Mile NNW
AB289	CAEDF0000096075	1/2 - 1 Mile NNE
AA290	CAEDF0000085685	1/2 - 1 Mile NE
AD291	CAEDF0000091980	1/2 - 1 Mile NE
AD292	CAEDF0000008803	1/2 - 1 Mile NE
AD293	CAEDF0000119695	1/2 - 1 Mile NE
AD294	CAEDF0000102646	1/2 - 1 Mile NE
AE295	CAEDF0000088167	1/2 - 1 Mile SSE
AD296	CAEDF0000010925	1/2 - 1 Mile NE
AD297	CAEDF0000141663	1/2 - 1 Mile NE
AD298	CAEDF0000086779	1/2 - 1 Mile NE
AD299	CAEDF0000118682	1/2 - 1 Mile NE
AD300	CAEDF0000055859	1/2 - 1 Mile NE
AD301	CAEDF0000058248	1/2 - 1 Mile NE
AD302	CAEDF0000014696	1/2 - 1 Mile NE
AD303	CAEDF0000135562	1/2 - 1 Mile NE
304	CAEDF0000063921	1/2 - 1 Mile West
AD305	CAEDF0000119773	1/2 - 1 Mile NE

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CAOG14000005325	1/8 - 1/4 Mile NNE
2	CAOG14000005990	1/2 - 1 Mile NNW
3	CAOG14000001110	1/2 - 1 Mile East
4	CAOG14000005991	1/2 - 1 Mile NNW
5	CAOG14000005259	1/2 - 1 Mile North
6	CAOG14000005992	1/2 - 1 Mile NNW

PHYSICAL SETTING SOURCE MAP - 6366025.2s



County Boundary
Major Roads
Contour Lines
Earthquake Fault Lines
Airports
Earthquake epicenter, Richter 5 or greater
Water Wells
Public Water Supply Wells
Cluster of Multiple Icons

Groundwater Flow Direction
Indeterminate Groundwater Flow at Location
Groundwater Flow Varies at Location
Closest Hydrogeological Data
Oil, gas or related wells

SITE NAME: 319- 327 N Harbor Blvd	CLIENT: Partner Engineering and Science, Inc.
ADDRESS: 319- 327 N Harbor Blvd	CONTACT: Alan DE Los Santos
SAN PEDRO CA 90731	INQUIRY #: 6366025.2s
LAT/LONG: 33.745771 / 118.280069	DATE: February 12, 2021 2:27 pm

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Map ID Direction Distance Elevation	Database	EDR ID Number
A1 **NNW** **1/4 - 1/2 Mile** **Lower**	**CA WELLS**	**CAEDF0000015407**

Well ID:	T10000003711-HA-7	Well Type:	MONITORING
Source:	EDF	Other Name:	HA-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000003711&assigned_name=HA-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000003711&assigned_name=HA-7		

A2 **NNW** **1/4 - 1/2 Mile** **Lower**	**CA WELLS**	**CAEDF0000059280**

Well ID:	T10000003711-HA-6	Well Type:	MONITORING
Source:	EDF	Other Name:	HA-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000003711&assigned_name=HA-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000003711&assigned_name=HA-6		

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3 **NNE** **1/4 - 1/2 Mile** **Lower**	**CA WELLS**	**CAEDF0000115457**

Well ID:	SL0603707909-CCTMW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	CCTMW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0603707909&assigned_name=CCTMW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0603707909&assigned_name=CCTMW-10		

A4 **NNW** **1/4 - 1/2 Mile** **Lower**	**CA WELLS**	**CAEDF0000076428**

Well ID:	T10000003711-HA-3	Well Type:	MONITORING
Source:	EDF	Other Name:	HA-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000003711&assigned_name=HA-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000003711&assigned_name=HA-3		

Map ID Direction Distance Elevation	Database	EDR ID Number
B5 **NE** **1/4 - 1/2 Mile** **Lower**	**CA WELLS**	**CAEDF0000102296**

Well ID:	SL0603707909-CCTMW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	CCTMW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0603707909&assigned_name=CCTMW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0603707909&assigned_name=CCTMW-9		

B6 **NE** **1/4 - 1/2 Mile** **Lower**	**CA WELLS**	**CAEDF0000135318**

Well ID:	SL0603707909-CCTMW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	CCTMW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0603707909&assigned_name=CCTMW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0603707909&assigned_name=CCTMW-8		

B7 **NE** **1/4 - 1/2 Mile** **Lower**	**CA WELLS**	**CAEDF0000133571**

Well ID:	SL0603707909-CCTMW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	CCTMW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0603707909&assigned_name=CCTMW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0603707909&assigned_name=CCTMW-7		

B8 **NE** **1/4 - 1/2 Mile** **Lower**	**CA WELLS**	**CAEDF0000040802**

Well ID:	SL0603707909-TTCCT-37	Well Type:	MONITORING
Source:	EDF	Other Name:	TTCCT-37
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0603707909&assigned_name=TTCCT-37&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0603707909&assigned_name=TTCCT-37		

Map ID Direction Distance Elevation	Database	EDR ID Number
B9 **NE** **1/4 - 1/2 Mile** **Lower**	**CA WELLS**	**CAEDF0000137076**

Well ID:	SL0603707909-CCTMW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	CCTMW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0603707909&assigned_name=CCTMW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0603707909&assigned_name=CCTMW-5		

B10 **NE** **1/4 - 1/2 Mile** **Lower**	**CA WELLS**	**CAEDF0000101326**

Well ID:	SL0603707909-CCTMW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	CCTMW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0603707909&assigned_name=CCTMW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0603707909&assigned_name=CCTMW-4		

B11 **NE** **1/4 - 1/2 Mile** **Lower**	**CA WELLS**	**CAEDF0000136428**

Well ID:	SL0603707909-TTCCT-38	Well Type:	MONITORING
Source:	EDF	Other Name:	TTCCT-38
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0603707909&assigned_name=TTCCT-38&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0603707909&assigned_name=TTCCT-38		

C12 **NE** **1/4 - 1/2 Mile** **Lower**	**CA WELLS**	**CAEDF0000132422**

Well ID:	SL0603707909-CCTMW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	CCTMW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0603707909&assigned_name=CCTMW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0603707909&assigned_name=CCTMW-6		

Map ID Direction Distance Elevation	Database	EDR ID Number
C13 **NE** **1/4 - 1/2 Mile** **Lower**	**CA WELLS**	**CAEDF0000007426**

Well ID:	SL0603707909-TTCCT-39	Well Type:	MONITORING
Source:	EDF	Other Name:	TTCCT-39
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0603707909&assigned_name=TTCCT-39&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0603707909&assigned_name=TTCCT-39		

B14 **NE** **1/4 - 1/2 Mile** **Lower**	**CA WELLS**	**CAEDF0000124347**

Well ID:	SL0603707909-CCTMW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	CCTMW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0603707909&assigned_name=CCTMW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0603707909&assigned_name=CCTMW-3		

B15 **NE** **1/4 - 1/2 Mile** **Lower**	**CA WELLS**	**CAEDF0000134049**

Well ID:	SL0603707909-CCTMW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	CCTMW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0603707909&assigned_name=CCTMW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0603707909&assigned_name=CCTMW-2		

B16 **NE** **1/4 - 1/2 Mile** **Lower**	**CA WELLS**	**CAEDF0000104293**

Well ID:	SL0603707909-CCTMW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	CCTMW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL0603707909&assigned_name=CCTMW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL0603707909&assigned_name=CCTMW-1		

Map ID Direction Distance Elevation	Database	EDR ID Number
D17 **NNW** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000099325**

Well ID:	T10000003711-MW-15	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-15
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000003711&assigned_name=MW-15&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000003711&assigned_name=MW-15		

D18 **NNW** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000119464**

Well ID:	T10000003711-HA-4	Well Type:	MONITORING
Source:	EDF	Other Name:	HA-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000003711&assigned_name=HA-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000003711&assigned_name=HA-4		

E19 **NW** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000101788**

Well ID:	T10000003711-MW-14	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000003711&assigned_name=MW-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000003711&assigned_name=MW-14		

E20 **NW** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000139766**

Well ID:	T10000003711-MW-13	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000003711&assigned_name=MW-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000003711&assigned_name=MW-13		

Map ID Direction Distance Elevation	Database	EDR ID Number
F21 **West** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000113513**

Well ID:	T0603717723-MW-14	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603717723&assigned_name=MW-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603717723&assigned_name=MW-14		

G22 **WSW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000111111**

Well ID:	T0603701624-TSG-MW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	TSG-MW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603701624&assigned_name=TSG-MW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603701624&assigned_name=TSG-MW-11		

H23 **NW** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000121145**

Well ID:	T10000003711-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000003711&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000003711&assigned_name=MW-4		

F24 **West** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000073702**

Well ID:	T0603717723-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603717723&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603717723&assigned_name=MW-10		

Map ID Direction Distance Elevation	Database	EDR ID Number
F25 **West** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000075165**

Well ID:	T0603717723-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603717723&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603717723&assigned_name=MW-9		

G26 **WSW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000115666**

Well ID:	T0603701624-TSG-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	TSG-MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603701624&assigned_name=TSG-MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603701624&assigned_name=TSG-MW-9		

F27 **West** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000074510**

Well ID:	T0603717723-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603717723&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603717723&assigned_name=MW-8		

F28 **West** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000103295**

Well ID:	T0603717723-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603717723&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603717723&assigned_name=MW-7		

Map ID Direction Distance Elevation	Database	EDR ID Number
F29 **West** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000009759**

Well ID:	T0603717723-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603717723&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603717723&assigned_name=MW-4		

F30 **West** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000059092**

Well ID:	T0603717723-DPE-6	Well Type:	MONITORING
Source:	EDF	Other Name:	DPE-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603717723&assigned_name=DPE-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603717723&assigned_name=DPE-6		

F31 **West** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000131165**

Well ID:	T0603717723-DPE-14	Well Type:	MONITORING
Source:	EDF	Other Name:	DPE-14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603717723&assigned_name=DPE-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603717723&assigned_name=DPE-14		

G32 **WSW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000007868**

Well ID:	T0603701624-TSG-MW-17	Well Type:	MONITORING
Source:	EDF	Other Name:	TSG-MW-17
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603701624&assigned_name=TSG-MW-17&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603701624&assigned_name=TSG-MW-17		

Map ID Direction Distance Elevation	Database	EDR ID Number
F33 **West** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000090603**

Well ID:	T0603717723-DPE-3	Well Type:	MONITORING
Source:	EDF	Other Name:	DPE-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603717723&assigned_name=DPE-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603717723&assigned_name=DPE-3		

F34 **West** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000056843**

Well ID:	T0603717723-DPE-5	Well Type:	MONITORING
Source:	EDF	Other Name:	DPE-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603717723&assigned_name=DPE-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603717723&assigned_name=DPE-5		

F35 **West** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000123082**

Well ID:	T0603717723-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603717723&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603717723&assigned_name=MW-2		

F36 **West** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000083063**

Well ID:	T0603717723-DPE-11	Well Type:	MONITORING
Source:	EDF	Other Name:	DPE-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603717723&assigned_name=DPE-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603717723&assigned_name=DPE-11		

Map ID Direction Distance Elevation	Database	EDR ID Number
F37 **West** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000036247**

Well ID:	T0603717723-DPE-8	Well Type:	MONITORING
Source:	EDF	Other Name:	DPE-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603717723&assigned_name=DPE-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603717723&assigned_name=DPE-8		

F38 **West** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000143006**

Well ID:	T0603717723-DPE-13	Well Type:	MONITORING
Source:	EDF	Other Name:	DPE-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603717723&assigned_name=DPE-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603717723&assigned_name=DPE-13		

F39 **West** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000071577**

Well ID:	T0603717723-MW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603717723&assigned_name=MW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603717723&assigned_name=MW-11		

G40 **WSW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000108029**

Well ID:	T0603701638-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603701638&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603701638&assigned_name=MW-7		

Map ID Direction Distance Elevation	Database	EDR ID Number
F41 **West** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000091492**

Well ID:	T0603717723-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603717723&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603717723&assigned_name=MW-6		

F42 **West** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000005634**

Well ID:	T0603717723-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603717723&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603717723&assigned_name=MW-3		

F43 **West** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000091907**

Well ID:	T0603717723-DPE-2	Well Type:	MONITORING
Source:	EDF	Other Name:	DPE-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603717723&assigned_name=DPE-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603717723&assigned_name=DPE-2		

F44 **West** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000094914**

Well ID:	T0603717723-DPE-4	Well Type:	MONITORING
Source:	EDF	Other Name:	DPE-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603717723&assigned_name=DPE-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603717723&assigned_name=DPE-4		

Map ID Direction Distance Elevation	Database	EDR ID Number
F45 **West** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000043613**

Well ID:	T0603717723-DPE-7	Well Type:	MONITORING
Source:	EDF	Other Name:	DPE-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603717723&assigned_name=DPE-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603717723&assigned_name=DPE-7		

F46 **West** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000111391**

Well ID:	T0603717723-DPE-10	Well Type:	MONITORING
Source:	EDF	Other Name:	DPE-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603717723&assigned_name=DPE-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603717723&assigned_name=DPE-10		

F47 **West** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000094482**

Well ID:	T0603717723-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603717723&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603717723&assigned_name=MW-5		

F48 **West** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000013525**

Well ID:	T0603717723-DPE-12	Well Type:	MONITORING
Source:	EDF	Other Name:	DPE-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603717723&assigned_name=DPE-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603717723&assigned_name=DPE-12		

Map ID Direction Distance Elevation	Database	EDR ID Number
H49 **NW** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000062990**

Well ID:	T10000003711-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000003711&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000003711&assigned_name=MW-3		

F50 **West** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000138980**

Well ID:	T0603717723-MW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603717723&assigned_name=MW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603717723&assigned_name=MW-12		

I51 **SE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000106918**

Well ID:	SL204701660-IW-47	Well Type:	MONITORING
Source:	EDF	Other Name:	IW-47
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204701660&assigned_name=IW-47&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204701660&assigned_name=IW-47		

I52 **SE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000066875**

Well ID:	SL204701660-IW-46	Well Type:	MONITORING
Source:	EDF	Other Name:	IW-46
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204701660&assigned_name=IW-46&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204701660&assigned_name=IW-46		

Map ID Direction Distance Elevation	Database	EDR ID Number
F53 **West** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000092845**

Well ID:	T0603717723-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603717723&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603717723&assigned_name=MW-1		

F54 **West** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000138452**

Well ID:	T0603717723-DPE-9	Well Type:	MONITORING
Source:	EDF	Other Name:	DPE-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603717723&assigned_name=DPE-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603717723&assigned_name=DPE-9		

J55 **WSW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000086649**

Well ID:	T0603701638-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603701638&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603701638&assigned_name=MW-5		

K56 **SSE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000087116**

Well ID:	SL204701660-IW-37	Well Type:	MONITORING
Source:	EDF	Other Name:	IW-37
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204701660&assigned_name=IW-37&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204701660&assigned_name=IW-37		

Map ID Direction Distance Elevation	Database	EDR ID Number
I57 **SE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000066726**

Well ID:	SL204701660-IW-40	Well Type:	MONITORING
Source:	EDF	Other Name:	IW-40
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204701660&assigned_name=IW-40&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204701660&assigned_name=IW-40		

I58 **SE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000134319**

Well ID:	SL204701660-IW-45	Well Type:	MONITORING
Source:	EDF	Other Name:	IW-45
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204701660&assigned_name=IW-45&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204701660&assigned_name=IW-45		

J59 **WSW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000039808**

Well ID:	T0603701638-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603701638&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603701638&assigned_name=MW-6		

J60 **WSW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000062092**

Well ID:	T0603701638-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603701638&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603701638&assigned_name=MW-1		

Map ID Direction Distance Elevation			Database	EDR ID Number
61 **West** **1/2 - 1 Mile** **Higher**	Site ID: Groundwater Flow: Shallow Water Depth: Deep Water Depth: Average Water Depth: Date:	907310089 Not Reported 29.76 30.65 Not Reported 05/13/1993	**AQUIFLOW**	**55261**

G62
WSW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000022732**

Well ID:	T0603701638-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603701638&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603701638&assigned_name=MW-8		

J63
WSW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000101358**

Well ID:	T0603701638-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603701638&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603701638&assigned_name=MW-2		

J64
WSW
1/2 - 1 Mile
Higher

CA WELLS **CAEDF0000123378**

Well ID:	T0603701638-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603701638&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603701638&assigned_name=MW-4		

Map ID Direction Distance Elevation	Database	EDR ID Number
H65 **NW** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000079571**

Well ID:	T10000003711-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000003711&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000003711&assigned_name=MW-2		

G66 **WSW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000012199**

Well ID:	T0603701624-TSG-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	TSG-MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603701624&assigned_name=TSG-MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603701624&assigned_name=TSG-MW-10		

G67 **WSW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000038915**

Well ID:	T0603701624-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603701624&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603701624&assigned_name=MW-7		

F68 **West** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000060708**

Well ID:	T0603717723-MW-16	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-16
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603717723&assigned_name=MW-16&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603717723&assigned_name=MW-16		

Map ID Direction Distance Elevation	Database	EDR ID Number
F69 **West** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000000331**

Well ID:	T0603717723-MW-15	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-15
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603717723&assigned_name=MW-15&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603717723&assigned_name=MW-15		

J70 **WSW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000013434**

Well ID:	T0603701638-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603701638&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603701638&assigned_name=MW-3		

I71 **SE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000023853**

Well ID:	SL204701660-IW-33	Well Type:	MONITORING
Source:	EDF	Other Name:	IW-33
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204701660&assigned_name=IW-33&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204701660&assigned_name=IW-33		

G72 **WSW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000052172**

Well ID:	T0603701624-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603701624&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603701624&assigned_name=MW-8		

Map ID Direction Distance Elevation	Database	EDR ID Number
J73 **WSW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000109306**

Well ID:	T0603701624-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603701624&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603701624&assigned_name=MW-5		

J74 **WSW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000012441**

Well ID:	T0603701624-TSG-MW-13	Well Type:	MONITORING
Source:	EDF	Other Name:	TSG-MW-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603701624&assigned_name=TSG-MW-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603701624&assigned_name=TSG-MW-13		

G75 **WSW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000060747**

Well ID:	T0603701624-TSG-MW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	TSG-MW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603701624&assigned_name=TSG-MW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603701624&assigned_name=TSG-MW-12		

J76 **WSW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000010778**

Well ID:	T0603701624-TSG-MW-16	Well Type:	MONITORING
Source:	EDF	Other Name:	TSG-MW-16
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603701624&assigned_name=TSG-MW-16&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603701624&assigned_name=TSG-MW-16		

Map ID Direction Distance Elevation	Database	EDR ID Number
G77 **WSW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000079947**

Well ID:	T0603701624-TSG-MW-14	Well Type:	MONITORING
Source:	EDF	Other Name:	TSG-MW-14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603701624&assigned_name=TSG-MW-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603701624&assigned_name=TSG-MW-14		

I78 **SE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000121445**

Well ID:	SL204701660-MW-15	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-15
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204701660&assigned_name=MW-15&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204701660&assigned_name=MW-15		

G79 **WSW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000141242**

Well ID:	T0603701624-TSG-MW-15	Well Type:	MONITORING
Source:	EDF	Other Name:	TSG-MW-15
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603701624&assigned_name=TSG-MW-15&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603701624&assigned_name=TSG-MW-15		

G80 **WSW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000133859**

Well ID:	T0603701624-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603701624&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603701624&assigned_name=MW-6		

Map ID Direction Distance Elevation	Database	EDR ID Number
I81 **SE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000136135**

Well ID:	SL204701660-IW-32	Well Type:	MONITORING
Source:	EDF	Other Name:	IW-32
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204701660&assigned_name=IW-32&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204701660&assigned_name=IW-32		

I82 **SE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000069556**

Well ID:	SL204701660-MW-16	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-16
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204701660&assigned_name=MW-16&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204701660&assigned_name=MW-16		

I83 **SE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000064130**

Well ID:	SL204701660-MW-14	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204701660&assigned_name=MW-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204701660&assigned_name=MW-14		

H84 **NW** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000111488**

Well ID:	T10000003711-MW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000003711&assigned_name=MW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000003711&assigned_name=MW-12		

Map ID Direction Distance Elevation	Database	EDR ID Number
85 **WSW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000089836**

Well ID:	T0603701624-TSG-MW-18	Well Type:	MONITORING
Source:	EDF	Other Name:	TSG-MW-18
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603701624&assigned_name=TSG-MW-18&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603701624&assigned_name=TSG-MW-18		

I86 **SE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000103609**

Well ID:	SL204701660-MW-01	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-01
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204701660&assigned_name=MW-01&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204701660&assigned_name=MW-01		

I87 **SE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000072830**

Well ID:	SL204701660-IW-44	Well Type:	MONITORING
Source:	EDF	Other Name:	IW-44
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204701660&assigned_name=IW-44&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204701660&assigned_name=IW-44		

I88 **SE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000034837**

Well ID:	SL204701660-IW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	IW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204701660&assigned_name=IW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204701660&assigned_name=IW-11		

Map ID Direction Distance Elevation	Database	EDR ID Number
L89 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000121231**

Well ID:	SLT4307169-L-13	Well Type:	MONITORING
Source:	EDF	Other Name:	L-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=L-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=L-13		

M90 **North** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000110532**

Well ID:	SLT43382380-MW-79	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-79
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT43382380&assigned_name=MW-79&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT43382380&assigned_name=MW-79		

N91 **NW** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000142214**

Well ID:	T10000003711-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000003711&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000003711&assigned_name=MW-1		

I92 **SE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000063951**

Well ID:	SL204701660-IW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	IW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204701660&assigned_name=IW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204701660&assigned_name=IW-12		

Map ID Direction Distance Elevation	Database	EDR ID Number
M93 **North** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000111288**

Well ID:	SLT43382380-MW-85	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-85
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT43382380&assigned_name=MW-85&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT43382380&assigned_name=MW-85		

O94 **North** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000037942**

Well ID:	SLT43382380-MW-76	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-76
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT43382380&assigned_name=MW-76&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT43382380&assigned_name=MW-76		

P95 **SE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000057063**

Well ID:	SL204701660-IW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	IW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204701660&assigned_name=IW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204701660&assigned_name=IW-10		

K96 **SSE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000110453**

Well ID:	SL204701660-RW-03	Well Type:	MONITORING
Source:	EDF	Other Name:	RW-03
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204701660&assigned_name=RW-03&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204701660&assigned_name=RW-03		

Map ID Direction Distance Elevation	Database	EDR ID Number
L97 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000006950**

Well ID:	SLT4307169-PR-24	Well Type:	MONITORING
Source:	EDF	Other Name:	PR-24
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=PR-24&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=PR-24		

P98 **SE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000057017**

Well ID:	SL204701660-IW-13	Well Type:	MONITORING
Source:	EDF	Other Name:	IW-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204701660&assigned_name=IW-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204701660&assigned_name=IW-13		

M99 **North** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000072753**

Well ID:	SLT43382380-MW-77	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-77
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT43382380&assigned_name=MW-77&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT43382380&assigned_name=MW-77		

O100 **North** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000052026**

Well ID:	SLT43382380-MW-84	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-84
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT43382380&assigned_name=MW-84&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT43382380&assigned_name=MW-84		

Map ID Direction Distance Elevation	Database	EDR ID Number
M101 **North** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000078024**

Well ID:	SLT43382380-MW-80	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-80
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT43382380&assigned_name=MW-80&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT43382380&assigned_name=MW-80		

L102 **NNE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000001290**

Well ID:	SLT4307169-PR-10	Well Type:	MONITORING
Source:	EDF	Other Name:	PR-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=PR-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=PR-10		

K103 **SSE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000037076**

Well ID:	SL204701660-IW-01	Well Type:	MONITORING
Source:	EDF	Other Name:	IW-01
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204701660&assigned_name=IW-01&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204701660&assigned_name=IW-01		

Q104 **SSE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000114787**

Well ID:	SL204701660-IW-02	Well Type:	MONITORING
Source:	EDF	Other Name:	IW-02
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204701660&assigned_name=IW-02&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204701660&assigned_name=IW-02		

Map ID Direction Distance Elevation	Database	EDR ID Number
Q105 **SSE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000130110**

Well ID:	SL204701660-RW-02	Well Type:	MONITORING
Source:	EDF	Other Name:	RW-02
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204701660&assigned_name=RW-02&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204701660&assigned_name=RW-02		

R106 **ESE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000130565**

Well ID:	SL599992900-MW-13	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL599992900&assigned_name=MW-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL599992900&assigned_name=MW-13		

L107 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000081174**

Well ID:	SLT4307169-MW-16	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-16
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=MW-16&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=MW-16		

R108 **ESE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000131313**

Well ID:	SL599992900-MW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL599992900&assigned_name=MW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL599992900&assigned_name=MW-11		

Map ID Direction Distance Elevation	Database	EDR ID Number
M109 **North** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000059824**

Well ID:	SLT43382380-MW-78	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-78
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT43382380&assigned_name=MW-78&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT43382380&assigned_name=MW-78		

Q110 **SSE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000032653**

Well ID:	SL204701660-RW-01	Well Type:	MONITORING
Source:	EDF	Other Name:	RW-01
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204701660&assigned_name=RW-01&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204701660&assigned_name=RW-01		

Q111 **SSE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000100438**

Well ID:	SL204701660-IW-03	Well Type:	MONITORING
Source:	EDF	Other Name:	IW-03
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204701660&assigned_name=IW-03&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204701660&assigned_name=IW-03		

L112 **NNE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000041211**

Well ID:	SLT4307169-PR-48	Well Type:	MONITORING
Source:	EDF	Other Name:	PR-48
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=PR-48&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=PR-48		

Map ID Direction Distance Elevation	Database	EDR ID Number
L113 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000099404**

Well ID:	SLT4307169-PR-37	Well Type:	MONITORING
Source:	EDF	Other Name:	PR-37
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=PR-37&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=PR-37		

R114 **ESE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000075418**

Well ID:	SL599992900-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL599992900&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL599992900&assigned_name=MW-6		

R115 **ESE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000101678**

Well ID:	SL599992900-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL599992900&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL599992900&assigned_name=MW-8		

L116 **NNE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000033442**

Well ID:	SLT4307169-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=MW-4		

Map ID Direction Distance Elevation	Database	EDR ID Number
L117 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000124441**

Well ID:	SLT4307169-RW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	RW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=RW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=RW-2		

Q118 **SSE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CADWR0000017831**

Well ID:	05S13W18J001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	05S13W18J001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=05S13W18J001S&store_num=		
GeoTracker Data:	Not Reported		

L119 **NNE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000123132**

Well ID:	SLT4307169-WT-1	Well Type:	MONITORING
Source:	EDF	Other Name:	WT-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=WT-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=WT-1		

R120 **ESE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000044514**

Well ID:	SL599992900-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL599992900&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL599992900&assigned_name=MW-10		

Map ID Direction Distance Elevation	Database	EDR ID Number
L121 **NNE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000084743**

Well ID:	SLT4307169-PR-9	Well Type:	MONITORING
Source:	EDF	Other Name:	PR-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=PR-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=PR-9		

R122 **ESE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000093093**

Well ID:	SL599992900-IW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	IW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL599992900&assigned_name=IW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL599992900&assigned_name=IW-5		

R123 **ESE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000137983**

Well ID:	SL599992900-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL599992900&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL599992900&assigned_name=MW-1		

P124 **SE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000040114**

Well ID:	SL204701660-IW-15	Well Type:	MONITORING
Source:	EDF	Other Name:	IW-15
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204701660&assigned_name=IW-15&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204701660&assigned_name=IW-15		

Map ID Direction Distance Elevation	Database	EDR ID Number
N125 **NW** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000038180**

Well ID:	T10000003711-MW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T10000003711&assigned_name=MW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T10000003711&assigned_name=MW-11		

R126 **ESE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000013749**

Well ID:	SL599992900-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL599992900&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL599992900&assigned_name=MW-2		

L127 **NNE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000075163**

Well ID:	SLT4307169-MW-4D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=MW-4D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=MW-4D		

S128 **NNE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000142890**

Well ID:	SLT4307169-PR-41	Well Type:	MONITORING
Source:	EDF	Other Name:	PR-41
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=PR-41&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=PR-41		

Map ID Direction Distance Elevation	Database	EDR ID Number
129 **SE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000100103**

Well ID:	SL204701660-IW-43	Well Type:	MONITORING
Source:	EDF	Other Name:	IW-43
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204701660&assigned_name=IW-43&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204701660&assigned_name=IW-43		

L130 **NNE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000019382**

Well ID:	SLT4307169-PR-38	Well Type:	MONITORING
Source:	EDF	Other Name:	PR-38
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=PR-38&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=PR-38		

M131 **North** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000090290**

Well ID:	SLT43382380-MW-81	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-81
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT43382380&assigned_name=MW-81&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT43382380&assigned_name=MW-81		

R132 **ESE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000008884**

Well ID:	SL599992900-IW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	IW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL599992900&assigned_name=IW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL599992900&assigned_name=IW-4		

Map ID Direction Distance Elevation	Database	EDR ID Number
T133 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000012281**

Well ID:	SLT4307169-PR-36	Well Type:	MONITORING
Source:	EDF	Other Name:	PR-36
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=PR-36&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=PR-36		

T134 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000065319**

Well ID:	SLT4307169-MW-21	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-21
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=MW-21&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=MW-21		

S135 **NNE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000074490**

Well ID:	SLT4307169-WT-2	Well Type:	MONITORING
Source:	EDF	Other Name:	WT-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=WT-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=WT-2		

R136 **ESE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000084564**

Well ID:	SL599992900-IW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	IW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL599992900&assigned_name=IW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL599992900&assigned_name=IW-1		

Map ID Direction Distance Elevation	Database	EDR ID Number
R137 **ESE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000057138**

Well ID:	SL599992900-IW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	IW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL599992900&assigned_name=IW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL599992900&assigned_name=IW-2		

S138 **NNE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000019477**

Well ID:	SLT4307169-WT-3	Well Type:	MONITORING
Source:	EDF	Other Name:	WT-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=WT-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=WT-3		

L139 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000040351**

Well ID:	SLT4307169-L-8	Well Type:	MONITORING
Source:	EDF	Other Name:	L-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=L-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=L-8		

R140 **ESE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000070784**

Well ID:	SL599992900-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL599992900&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL599992900&assigned_name=MW-7		

Map ID Direction Distance Elevation	Database	EDR ID Number
Q141 **SSE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000038665**

Well ID:	SL204701660-IW-05	Well Type:	MONITORING
Source:	EDF	Other Name:	IW-05
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204701660&assigned_name=IW-05&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204701660&assigned_name=IW-05		

R142 **ESE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000018928**

Well ID:	SL599992900-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL599992900&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL599992900&assigned_name=MW-3		

R143 **ESE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000082906**

Well ID:	SL599992900-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL599992900&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL599992900&assigned_name=MW-5		

R144 **ESE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000069013**

Well ID:	SL599992900-IW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	IW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL599992900&assigned_name=IW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL599992900&assigned_name=IW-3		

Map ID Direction Distance Elevation	Database	EDR ID Number
R145 **ESE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000093963**

Well ID:	SL599992900-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL599992900&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL599992900&assigned_name=MW-4		

R146 **ESE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000077965**

Well ID:	SL599992900-MW-4R	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4R
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL599992900&assigned_name=MW-4R&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL599992900&assigned_name=MW-4R		

S147 **NNE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000053446**

Well ID:	SLT4307169-PR-4	Well Type:	MONITORING
Source:	EDF	Other Name:	PR-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=PR-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=PR-4		

O148 **North** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000074518**

Well ID:	SLT43382380-MW-75	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-75
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT43382380&assigned_name=MW-75&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT43382380&assigned_name=MW-75		

Map ID Direction Distance Elevation	Database	EDR ID Number
R149 **ESE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000103265**

Well ID:	SL599992900-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL599992900&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL599992900&assigned_name=MW-9		

Q150 **SSE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000056309**

Well ID:	SL204701660-IW-06	Well Type:	MONITORING
Source:	EDF	Other Name:	IW-06
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204701660&assigned_name=IW-06&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204701660&assigned_name=IW-06		

R151 **ESE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000091766**

Well ID:	SL599992900-MW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL599992900&assigned_name=MW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL599992900&assigned_name=MW-12		

L152 **NNE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000023147**

Well ID:	SLT4307169-PR-46	Well Type:	MONITORING
Source:	EDF	Other Name:	PR-46
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=PR-46&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=PR-46		

Map ID Direction Distance Elevation	Database	EDR ID Number
L153 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000106652**

Well ID:	SLT4307169-PR-47	Well Type:	MONITORING
Source:	EDF	Other Name:	PR-47
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=PR-47&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=PR-47		

S154 **NNE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000093264**

Well ID:	SLT4307169-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=MW-10		

M155 **North** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000135543**

Well ID:	SLT43382380-MW-82	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-82
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT43382380&assigned_name=MW-82&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT43382380&assigned_name=MW-82		

P156 **SE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000105790**

Well ID:	SL204701660-TMW-02	Well Type:	MONITORING
Source:	EDF	Other Name:	TMW-02
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204701660&assigned_name=TMW-02&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204701660&assigned_name=TMW-02		

Map ID Direction Distance Elevation	Database	EDR ID Number
T157 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000093441**

Well ID:	SLT4307169-PR-35	Well Type:	MONITORING
Source:	EDF	Other Name:	PR-35
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=PR-35&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=PR-35		

L158 **NNE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000065045**

Well ID:	SLT4307169-MW-9A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=MW-9A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=MW-9A		

P159 **SE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000073164**

Well ID:	SL204701660-IW-14	Well Type:	MONITORING
Source:	EDF	Other Name:	IW-14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204701660&assigned_name=IW-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204701660&assigned_name=IW-14		

T160 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000069845**

Well ID:	SLT4307169-MW-18	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-18
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=MW-18&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=MW-18		

Map ID Direction Distance Elevation	Database	EDR ID Number
L161 **NNE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000035023**

Well ID:	SLT4307169-PR-26	Well Type:	MONITORING
Source:	EDF	Other Name:	PR-26
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=PR-26&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=PR-26		

S162 **NNE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000062716**

Well ID:	SLT4307169-PR-42	Well Type:	MONITORING
Source:	EDF	Other Name:	PR-42
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=PR-42&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=PR-42		

S163 **NNE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000143692**

Well ID:	SLT4307169-MW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=MW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=MW-12		

S164 **NNE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000137745**

Well ID:	SLT4307169-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=MW-5		

Map ID Direction Distance Elevation	Database	EDR ID Number
S165 **NNE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000101594**

Well ID:	SLT4307169-PR-12	Well Type:	MONITORING
Source:	EDF	Other Name:	PR-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=PR-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=PR-12		

S166 **NNE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000116527**

Well ID:	SLT4307169-MW-23	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-23
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=MW-23&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=MW-23		

S167 **NNE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000101215**

Well ID:	SLT4307169-L-10	Well Type:	MONITORING
Source:	EDF	Other Name:	L-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=L-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=L-10		

O168 **North** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000074643**

Well ID:	SLT43382380-MW-74	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-74
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT43382380&assigned_name=MW-74&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT43382380&assigned_name=MW-74		

Map ID Direction Distance Elevation	Database	EDR ID Number
S169 **NNE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000106502**

Well ID:	SLT4307169-L-7	Well Type:	MONITORING
Source:	EDF	Other Name:	L-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=L-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=L-7		

S170 **NNE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000068360**

Well ID:	SLT4307169-PR-43	Well Type:	MONITORING
Source:	EDF	Other Name:	PR-43
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=PR-43&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=PR-43		

S171 **NNE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000050421**

Well ID:	SLT4307169-RW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	RW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=RW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=RW-4		

S172 **NNE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000087889**

Well ID:	SLT4307169-L-4	Well Type:	MONITORING
Source:	EDF	Other Name:	L-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=L-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=L-4		

Map ID Direction Distance Elevation	Database	EDR ID Number
S173 **NNE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000057290**

Well ID:	SLT4307169-PR-2	Well Type:	MONITORING
Source:	EDF	Other Name:	PR-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=PR-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=PR-2		

T174 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000049885**

Well ID:	SLT4307169-PR-19	Well Type:	MONITORING
Source:	EDF	Other Name:	PR-19
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=PR-19&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=PR-19		

P175 **SE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000005803**

Well ID:	SL204701660-RW-05	Well Type:	MONITORING
Source:	EDF	Other Name:	RW-05
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204701660&assigned_name=RW-05&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204701660&assigned_name=RW-05		

S176 **NNE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000032912**

Well ID:	SLT4307169-PR-5	Well Type:	MONITORING
Source:	EDF	Other Name:	PR-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=PR-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=PR-5		

Map ID Direction Distance Elevation	Database	EDR ID Number
S177 **NNE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000108343**

Well ID:	SLT4307169-MW-22	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-22
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=MW-22&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=MW-22		

T178 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000042254**

Well ID:	SLT4307169-PR-34	Well Type:	MONITORING
Source:	EDF	Other Name:	PR-34
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=PR-34&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=PR-34		

U179 **SE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000045687**

Well ID:	SL204701660-RW-04	Well Type:	MONITORING
Source:	EDF	Other Name:	RW-04
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204701660&assigned_name=RW-04&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204701660&assigned_name=RW-04		

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180 **North** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000000913**

Well ID:	SLT43382380-MW-83	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-83
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT43382380&assigned_name=MW-83&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT43382380&assigned_name=MW-83		

Map ID Direction Distance Elevation	Database	EDR ID Number
V181 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000073723**

Well ID:	SLT4307169-PR-18	Well Type:	MONITORING
Source:	EDF	Other Name:	PR-18
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=PR-18&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=PR-18		

T182 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000017686**

Well ID:	SLT4307169-MW-17	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-17
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=MW-17&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=MW-17		

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183 **East** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CADWR0000030951**

Well ID:	05S13W08P001S	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	05S13W08P001S	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=05S13W08P001S&store_num=		
GeoTracker Data:	Not Reported		

W184 **SW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000080504**

Well ID:	T0603759003-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603759003&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603759003&assigned_name=MW-7		

Map ID Direction Distance Elevation	Database	EDR ID Number
X185 **NNE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000042460**

Well ID:	SLT4307169-PR-7	Well Type:	MONITORING
Source:	EDF	Other Name:	PR-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=PR-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=PR-7		

V186 **NNE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000083523**

Well ID:	SLT4307169-L-9	Well Type:	MONITORING
Source:	EDF	Other Name:	L-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=L-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=L-9		

V187 **NNE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000057898**

Well ID:	SLT4307169-L-6	Well Type:	MONITORING
Source:	EDF	Other Name:	L-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=L-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=L-6		

X188 **NNE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000136806**

Well ID:	SLT4307169-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=MW-7		

Map ID Direction Distance Elevation	Database	EDR ID Number
Y189 **SSE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000045446**

Well ID:	SL204701660-TMW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	TMW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204701660&assigned_name=TMW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204701660&assigned_name=TMW-10		

U190 **SSE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000115856**

Well ID:	SL204701660-TMW-03	Well Type:	MONITORING
Source:	EDF	Other Name:	TMW-03
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204701660&assigned_name=TMW-03&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204701660&assigned_name=TMW-03		

V191 **NNE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000094309**

Well ID:	SLT4307169-L-2	Well Type:	MONITORING
Source:	EDF	Other Name:	L-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=L-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=L-2		

X192 **NNE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000123571**

Well ID:	SLT4307169-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=MW-6		

Map ID Direction Distance Elevation	Database	EDR ID Number
X193 **NNE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000011783**

Well ID:	SLT4307169-PR-39	Well Type:	MONITORING
Source:	EDF	Other Name:	PR-39
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=PR-39&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=PR-39		

U194 **SSE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000074809**

Well ID:	SL204701660-TMW-29	Well Type:	MONITORING
Source:	EDF	Other Name:	TMW-29
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204701660&assigned_name=TMW-29&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204701660&assigned_name=TMW-29		

Y195 **SSE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000057267**

Well ID:	SL204701660-TMW-37	Well Type:	MONITORING
Source:	EDF	Other Name:	TMW-37
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204701660&assigned_name=TMW-37&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204701660&assigned_name=TMW-37		

U196 **SSE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000131577**

Well ID:	SL204701660-TMW-26	Well Type:	MONITORING
Source:	EDF	Other Name:	TMW-26
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204701660&assigned_name=TMW-26&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204701660&assigned_name=TMW-26		

Map ID Direction Distance Elevation	Database	EDR ID Number
U197 **SSE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000051273**

Well ID:	SL204701660-TMW-27	Well Type:	MONITORING
Source:	EDF	Other Name:	TMW-27
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204701660&assigned_name=TMW-27&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204701660&assigned_name=TMW-27		

Z198 **NW** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000066538**

Well ID:	T0603701629-MW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603701629&assigned_name=MW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603701629&assigned_name=MW-12		

V199 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000041582**

Well ID:	SLT4307169-PR-17	Well Type:	MONITORING
Source:	EDF	Other Name:	PR-17
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=PR-17&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=PR-17		

X200 **NNE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000095943**

Well ID:	SLT4307169-PR-8	Well Type:	MONITORING
Source:	EDF	Other Name:	PR-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=PR-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=PR-8		

Map ID Direction Distance Elevation	Database	EDR ID Number
V201 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000118897**

Well ID:	SLT4307169-PR-16	Well Type:	MONITORING
Source:	EDF	Other Name:	PR-16
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=PR-16&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=PR-16		

Z202 **NW** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000020442**

Well ID:	T0603701629-MW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603701629&assigned_name=MW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603701629&assigned_name=MW-11		

Z203 **NW** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000108153**

Well ID:	T0603701629-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603701629&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603701629&assigned_name=MW-5		

Y204 **SSE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000023587**

Well ID:	SL204701660-TWP-16	Well Type:	MONITORING
Source:	EDF	Other Name:	TWP-16
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204701660&assigned_name=TWP-16&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204701660&assigned_name=TWP-16		

Map ID Direction Distance Elevation	Database	EDR ID Number
V205 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000124190**

Well ID:	SLT4307169-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=MW-3		

V206 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000007377**

Well ID:	SLT4307169-PR-33	Well Type:	MONITORING
Source:	EDF	Other Name:	PR-33
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=PR-33&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=PR-33		

AA207 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000020816**

Well ID:	SLT4229A1784-MW-54	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-54
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=MW-54&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=MW-54		

AA208 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000076692**

Well ID:	SLT4229A1784-WP-3B	Well Type:	MONITORING
Source:	EDF	Other Name:	WP-3B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=WP-3B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=WP-3B		

Map ID Direction Distance Elevation	Database	EDR ID Number
AB209 **NNE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000101334**

Well ID:	SLT4307169-L-11	Well Type:	MONITORING
Source:	EDF	Other Name:	L-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=L-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=L-11		

AA210 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000073095**

Well ID:	SLT4229A1784-MW-39	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-39
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=MW-39&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=MW-39		

Z211 **NW** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000007846**

Well ID:	T0603701629-MW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603701629&assigned_name=MW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603701629&assigned_name=MW-6		

AA212 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000088212**

Well ID:	SLT4229A1784-MW-55	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-55
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=MW-55&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=MW-55		

Map ID Direction Distance Elevation	Database	EDR ID Number
AA213 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000048784**

Well ID:	SLT4229A1784-MW-56	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-56
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=MW-56&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=MW-56		

Z214 **NW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000081653**

Well ID:	T0603701629-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603701629&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603701629&assigned_name=MW-3		

W215 **SW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000106409**

Well ID:	T0603759003-MW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603759003&assigned_name=MW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603759003&assigned_name=MW-3		

W216 **SW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000121481**

Well ID:	T0603759003-VEW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	VEW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603759003&assigned_name=VEW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603759003&assigned_name=VEW-5		

Map ID Direction Distance Elevation	Database	EDR ID Number
Y217 **SSE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000093404**

Well ID:	SL204701660-TWP-19	Well Type:	MONITORING
Source:	EDF	Other Name:	TWP-19
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204701660&assigned_name=TWP-19&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204701660&assigned_name=TWP-19		

Z218 **NW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000045653**

Well ID:	T0603701629-MW-7	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-7
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603701629&assigned_name=MW-7&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603701629&assigned_name=MW-7		

AA219 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000063169**

Well ID:	SLT4229A1784-MW-58	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-58
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=MW-58&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=MW-58		

AA220 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000012095**

Well ID:	SLT4229A1784-MW-57	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-57
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=MW-57&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=MW-57		

Map ID Direction Distance Elevation	Database	EDR ID Number
AA221 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000126048**

Well ID:	SLT4229A1784-MW-67	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-67
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=MW-67&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=MW-67		

AA222 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000006855**

Well ID:	SLT4229A1784-MW-22	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-22
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=MW-22&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=MW-22		

Y223 **SSE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000093841**

Well ID:	SL204701660-TMW-34	Well Type:	MONITORING
Source:	EDF	Other Name:	TMW-34
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204701660&assigned_name=TMW-34&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204701660&assigned_name=TMW-34		

Z224 **NW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000137266**

Well ID:	T0603701629-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603701629&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603701629&assigned_name=MW-4		

Map ID Direction Distance Elevation	Database	EDR ID Number
Z225 **NW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000053494**

Well ID:	T0603701629-MW-8	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603701629&assigned_name=MW-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603701629&assigned_name=MW-8		

Z226 **NW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000005667**

Well ID:	T0603701629-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603701629&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603701629&assigned_name=MW-2		

AA227 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000045043**

Well ID:	SLT4229A1784-MW-59	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-59
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=MW-59&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=MW-59		

AA228 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000050186**

Well ID:	SLT4229A1784-MW-60	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-60
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=MW-60&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=MW-60		

Map ID Direction Distance Elevation	Database	EDR ID Number
AA229 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000040438**

Well ID:	SLT4229A1784-MW-68	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-68
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=MW-68&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=MW-68		

V230 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000039338**

Well ID:	SLT4307169-PR-15	Well Type:	MONITORING
Source:	EDF	Other Name:	PR-15
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=PR-15&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=PR-15		

Z231 **NW** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000083716**

Well ID:	T0603701629-MW-10	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-10
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603701629&assigned_name=MW-10&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603701629&assigned_name=MW-10		

W232 **SW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000140931**

Well ID:	T0603759003-MW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603759003&assigned_name=MW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603759003&assigned_name=MW-2		

Map ID Direction Distance Elevation	Database	EDR ID Number
AA233 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000046397**

Well ID:	SLT4229A1784-MW-61	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-61
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=MW-61&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=MW-61		

V234 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000119152**

Well ID:	SLT4307169-MW-20D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-20D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=MW-20D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=MW-20D		

X235 **NNE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000126115**

Well ID:	SLT4307169-PR-27	Well Type:	MONITORING
Source:	EDF	Other Name:	PR-27
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=PR-27&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=PR-27		

AB236 **NNE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000132225**

Well ID:	SLT4307169-PR-14	Well Type:	MONITORING
Source:	EDF	Other Name:	PR-14
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=PR-14&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=PR-14		

Map ID Direction Distance Elevation	Database	EDR ID Number
Z237 **NW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000057309**

Well ID:	T0603701629-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603701629&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603701629&assigned_name=MW-1		

AA238 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000069579**

Well ID:	SLT4229A1784-MW-62	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-62
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=MW-62&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=MW-62		

W239 **SW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000022814**

Well ID:	T0603759003-VEW-3	Well Type:	MONITORING
Source:	EDF	Other Name:	VEW-3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603759003&assigned_name=VEW-3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603759003&assigned_name=VEW-3		

W240 **SW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000055422**

Well ID:	T0603759003-VEW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	VEW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603759003&assigned_name=VEW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603759003&assigned_name=VEW-1		

Map ID Direction Distance Elevation	Database	EDR ID Number
W241 **SW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000106898**

Well ID:	T0603759003-MW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603759003&assigned_name=MW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603759003&assigned_name=MW-1		

V242 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000089612**

Well ID:	SLT4307169-MW-20S	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-20S
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=MW-20S&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=MW-20S		

W243 **SW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000073225**

Well ID:	T0603759003-VEW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	VEW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603759003&assigned_name=VEW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603759003&assigned_name=VEW-4		

AA244 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000115216**

Well ID:	SLT4229A1784-MW-65	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-65
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=MW-65&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=MW-65		

Map ID Direction Distance Elevation	Database	EDR ID Number
W245 **SW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000127107**

Well ID:	T0603759003-VEW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	VEW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603759003&assigned_name=VEW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603759003&assigned_name=VEW-2		

AA246 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000043153**

Well ID:	SLT4229A1784-R-36	Well Type:	MONITORING
Source:	EDF	Other Name:	R-36
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=R-36&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=R-36		

AA247 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000074283**

Well ID:	SLT4229A1784-MW-71	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-71
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=MW-71&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=MW-71		

AA248 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000078702**

Well ID:	SLT4229A1784-MW-73	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-73
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=MW-73&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=MW-73		

Map ID Direction Distance Elevation	Database	EDR ID Number
AA249 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000005179**

Well ID:	SLT4229A1784-MW-38	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-38
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=MW-38&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=MW-38		

Z250 **NW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000134150**

Well ID:	T0603701629-MW-9	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603701629&assigned_name=MW-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603701629&assigned_name=MW-9		

W251 **SW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000140795**

Well ID:	T0603759003-VEW-6	Well Type:	MONITORING
Source:	EDF	Other Name:	VEW-6
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603759003&assigned_name=VEW-6&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603759003&assigned_name=VEW-6		

AA252 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000008424**

Well ID:	SLT4229A1784-MW-29	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-29
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=MW-29&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=MW-29		

Map ID Direction Distance Elevation	Database	EDR ID Number
AA253 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000045557**

Well ID:	SLT4229A1784-WP-1B	Well Type:	MONITORING
Source:	EDF	Other Name:	WP-1B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=WP-1B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=WP-1B		

V254 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000124269**

Well ID:	SLT4307169-PR-31	Well Type:	MONITORING
Source:	EDF	Other Name:	PR-31
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=PR-31&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=PR-31		

AA255 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000071210**

Well ID:	SLT4229A1784-IW-2	Well Type:	MONITORING
Source:	EDF	Other Name:	IW-2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=IW-2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=IW-2		

AA256 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000062422**

Well ID:	SLT4229A1784-IW-1	Well Type:	MONITORING
Source:	EDF	Other Name:	IW-1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=IW-1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=IW-1		

Map ID Direction Distance Elevation	Database	EDR ID Number
AA257 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000005804**

Well ID:	SLT4229A1784-MW-72	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-72
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=MW-72&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=MW-72		

AA258 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000128949**

Well ID:	SLT4229A1784-MW-74	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-74
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=MW-74&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=MW-74		

AA259 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000121636**

Well ID:	SLT4229A1784-MW-75	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-75
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=MW-75&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=MW-75		

AA260 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000081971**

Well ID:	SLT4229A1784-MW-70	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-70
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=MW-70&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=MW-70		

Map ID Direction Distance Elevation	Database	EDR ID Number
AB261 **NNE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000105010**

Well ID:	SLT4307169-PR-28	Well Type:	MONITORING
Source:	EDF	Other Name:	PR-28
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=PR-28&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=PR-28		

W262 **SW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000065621**

Well ID:	T0603759003-MW-4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603759003&assigned_name=MW-4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603759003&assigned_name=MW-4		

AA263 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000004997**

Well ID:	SLT4229A1784-MW-28	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-28
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=MW-28&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=MW-28		

AB264 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000040184**

Well ID:	SLT4307169-PR-30	Well Type:	MONITORING
Source:	EDF	Other Name:	PR-30
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=PR-30&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=PR-30		

Map ID Direction Distance Elevation	Database	EDR ID Number
265 **SW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000115450**

Well ID:	T0603759003-MW-5	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-5
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603759003&assigned_name=MW-5&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603759003&assigned_name=MW-5		

AA266 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000058394**

Well ID:	SLT4229A1784-MW-30	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-30
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=MW-30&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=MW-30		

AB267 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000075962**

Well ID:	SLT4307169-PR-32	Well Type:	MONITORING
Source:	EDF	Other Name:	PR-32
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=PR-32&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=PR-32		

AA268 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000003757**

Well ID:	SLT4229A1784-MW-23	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-23
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=MW-23&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=MW-23		

Map ID Direction Distance Elevation	Database	EDR ID Number
AC269 **NNW** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000079807**

Well ID:	T0603792955-MW3	Well Type:	MONITORING
Source:	EDF	Other Name:	MW3
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603792955&assigned_name=MW3&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603792955&assigned_name=MW3		

Y270 **SSE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000015740**

Well ID:	SL204701660-TMW-13	Well Type:	MONITORING
Source:	EDF	Other Name:	TMW-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204701660&assigned_name=TMW-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204701660&assigned_name=TMW-13		

AD271 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000106937**

Well ID:	SLT4229A1784-MW-37	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-37
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=MW-37&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=MW-37		

AA272 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000020990**

Well ID:	SLT4229A1784-MW-20	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-20
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=MW-20&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=MW-20		

Map ID Direction Distance Elevation	Database	EDR ID Number
AC273 **NNW** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000034716**

Well ID:	T0603792955-MW1	Well Type:	MONITORING
Source:	EDF	Other Name:	MW1
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603792955&assigned_name=MW1&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603792955&assigned_name=MW1		

AA274 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000098484**

Well ID:	SLT4229A1784-WP-8	Well Type:	MONITORING
Source:	EDF	Other Name:	WP-8
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=WP-8&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=WP-8		

AA275 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000017966**

Well ID:	SLT4229A1784-MW-40	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-40
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=MW-40&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=MW-40		

AA276 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000120251**

Well ID:	SLT4229A1784-WP-12	Well Type:	MONITORING
Source:	EDF	Other Name:	WP-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=WP-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=WP-12		

Map ID Direction Distance Elevation	Database	EDR ID Number
AD277 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000082136**

Well ID:	SLT4229A1784-MW-31	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-31
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=MW-31&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=MW-31		

AA278 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000095331**

Well ID:	SLT4229A1784-WP-9	Well Type:	MONITORING
Source:	EDF	Other Name:	WP-9
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=WP-9&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=WP-9		

AA279 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000049657**

Well ID:	SLT4229A1784-MW-13	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=MW-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=MW-13		

AE280 **SSE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000124096**

Well ID:	SL204701660-TMW-19	Well Type:	MONITORING
Source:	EDF	Other Name:	TMW-19
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204701660&assigned_name=TMW-19&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204701660&assigned_name=TMW-19		

Map ID Direction Distance Elevation	Database	EDR ID Number
AC281 **NNW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000119409**

Well ID:	T0603792955-MW4	Well Type:	MONITORING
Source:	EDF	Other Name:	MW4
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603792955&assigned_name=MW4&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603792955&assigned_name=MW4		

AD282 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000062545**

Well ID:	SLT4229A1784-R-53	Well Type:	MONITORING
Source:	EDF	Other Name:	R-53
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=R-53&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=R-53		

AD283 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000058431**

Well ID:	SLT4229A1784-MW-05	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-05
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=MW-05&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=MW-05		

AB284 **NNE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000143107**

Well ID:	SLT4307169-MW-19S	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-19S
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=MW-19S&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=MW-19S		

Map ID Direction Distance Elevation	Database	EDR ID Number
AD285 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000034198**

Well ID:	SLT4229A1784-MW-07	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-07
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=MW-07&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=MW-07		

AD286 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000024310**

Well ID:	SLT4229A1784-MW-12	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-12
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=MW-12&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=MW-12		

AD287 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000060374**

Well ID:	SLT4229A1784-R-52	Well Type:	MONITORING
Source:	EDF	Other Name:	R-52
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=R-52&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=R-52		

AC288 **NNW** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000135408**

Well ID:	T0603792955-MW2	Well Type:	MONITORING
Source:	EDF	Other Name:	MW2
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603792955&assigned_name=MW2&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603792955&assigned_name=MW2		

Map ID Direction Distance Elevation	Database	EDR ID Number
AB289 **NNE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000096075**

Well ID:	SLT4307169-MW-19D	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-19D
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4307169&assigned_name=MW-19D&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4307169&assigned_name=MW-19D		

AA290 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000085685**

Well ID:	SL377432476-B171-MW34	Well Type:	MONITORING
Source:	EDF	Other Name:	B171-MW34
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL377432476&assigned_name=B171-MW34&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL377432476&assigned_name=B171-MW34		

AD291 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000091980**

Well ID:	SLT4229A1784-MW-35C	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-35C
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=MW-35C&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=MW-35C		

AD292 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000008803**

Well ID:	SLT4229A1784-MW-51	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-51
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=MW-51&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=MW-51		

Map ID Direction Distance Elevation	Database	EDR ID Number
AD293 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000119695**

Well ID:	SL377432476-MW-26	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-26
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL377432476&assigned_name=MW-26&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL377432476&assigned_name=MW-26		

AD294 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000102646**

Well ID:	WDR100017286-MW-26	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-26
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=WDR100017286&assigned_name=MW-26&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=WDR100017286&assigned_name=MW-26		

AE295 **SSE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000088167**

Well ID:	SL204701660-TMW-18	Well Type:	MONITORING
Source:	EDF	Other Name:	TMW-18
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SL204701660&assigned_name=TMW-18&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SL204701660&assigned_name=TMW-18		

AD296 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000010925**

Well ID:	SLT4229A1784-MW-35A	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-35A
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=MW-35A&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=MW-35A		

Map ID Direction Distance Elevation	Database	EDR ID Number
AD297 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000141663**

Well ID:	SLT4229A1784-MW-35B	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-35B
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=MW-35B&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=MW-35B		

AD298 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000086779**

Well ID:	SLT4229A1784-R-50	Well Type:	MONITORING
Source:	EDF	Other Name:	R-50
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=R-50&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=R-50		

AD299 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000118682**

Well ID:	SLT4229A1784-MW-11	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-11
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=MW-11&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=MW-11		

AD300 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000055859**

Well ID:	SLT4229A1784-MW-19	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-19
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=MW-19&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=MW-19		

Map ID Direction Distance Elevation	Database	EDR ID Number
AD301 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000058248**

Well ID:	SLT4229A1784-MW-24	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-24
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=MW-24&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=MW-24		

AD302 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000014696**

Well ID:	SLT4229A1784-MW-33	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-33
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=MW-33&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=MW-33		

AD303 **NE** **1/2 - 1 Mile** **Lower**	**CA WELLS**	**CAEDF0000135562**

Well ID:	SLT4229A1784-MW-18	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-18
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=MW-18&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=MW-18		

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304 **West** **1/2 - 1 Mile** **Higher**	**CA WELLS**	**CAEDF0000063921**

Well ID:	T0603705304-MW-13	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-13
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=T0603705304&assigned_name=MW-13&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=T0603705304&assigned_name=MW-13		

Map ID Direction Distance Elevation		Database	EDR ID Number
AD305 **NE** **1/2 - 1 Mile** **Lower**		**CA WELLS**	**CAEDF0000119773**

Well ID:	SLT4229A1784-MW-32	Well Type:	MONITORING
Source:	EDF	Other Name:	MW-32
GAMA PFAS Testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=EDF&samp_date=&global_id=SLT4229A1784&assigned_name=MW-32&store_num=		
GeoTracker Data:	https://geotracker.waterboards.ca.gov/profile_report.asp?cmd=MWEDFResults&global_id=SLT4229A1784&assigned_name=MW-32		

1G **West** **1/2 - 1 Mile** **Lower**	Site ID:	907310089	**AQUIFLOW**	**55261**
	Groundwater Flow:	Not Reported		
	Shallow Water Depth:	29.76		
	Deep Water Depth:	30.65		
	Average Water Depth:	Not Reported		
	Date:	05/13/1993		

Map ID Direction Distance	Database	EDR ID Number

1
NNE
1/8 - 1/4 Mile

OIL_GAS **CAOG14000005325**

API #:	0403705132	Well #:	1
Well Status:	Idle	Well Type:	Oil & Gas
Lease Name:	Hards-Warnock	Field Name:	Any Field
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

2
NNW
1/2 - 1 Mile

OIL_GAS **CAOG14000005990**

API #:	0403726341	Well #:	1
Well Status:	Idle	Well Type:	Core Hole
Lease Name:	Burkhard Core Hole	Field Name:	Any Field
Area Name:	Any Area	GIS Source:	Unknown
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

3
East
1/2 - 1 Mile

OIL_GAS **CAOG14000001110**

API #:	0403730160	Well #:	2
Well Status:	Unknown	Well Type:	Unknown
Lease Name:	DOE	Field Name:	Any Field
Area Name:	Any Area	GIS Source:	Well Summary
Confidential Well:	N	Directionally Drilled:	Y
Spud Date:	02/27/2014		

4
NNW
1/2 - 1 Mile

OIL_GAS **CAOG14000005991**

API #:	0403726342	Well #:	2
Well Status:	Idle	Well Type:	Core Hole
Lease Name:	Burkhard Core Hole	Field Name:	Any Field
Area Name:	Any Area	GIS Source:	Unknown
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

Map ID Direction Distance	Database	EDR ID Number

5
North
1/2 - 1 Mile

OIL_GAS **CAOG14000005259**

API #:	0403705479	Well #:	1
Well Status:	Plugged	Well Type:	Dry Hole
Lease Name:	Burkhard	Field Name:	Any Field
Area Name:	Any Area	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

6
NNW
1/2 - 1 Mile

OIL_GAS **CAOG14000005992**

API #:	0403726343	Well #:	3
Well Status:	Idle	Well Type:	Core Hole
Lease Name:	Burkhard Core Hole	Field Name:	Any Field
Area Name:	Any Area	GIS Source:	Unknown
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
90731	51	5

Federal EPA Radon Zone for LOS ANGELES County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for LOS ANGELES COUNTY, CA

Number of sites tested: 63

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.711 pCi/L	98%	2%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	0.933 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW[R] Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program
State Water Resources Control Board
Telephone: 916-341-5577
The GAMA Program is Californias comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Heath Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations
Source: Dept of Conservation, Geologic Energy Management Division
Telephone: 916-323-1779
Oil and Gas well locations in the state.

California Earthquake Fault Lines
Source: California Division of Mines and Geology
The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

PHYSICAL SETTING SOURCE RECORDS SEARCHED

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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APPENDIX D: QUALIFICATIONS/INSURANCE

Cheryl Manuel
Project Scientist

Education
Los Angeles Harbor College

Training
Asbestos Hazard Awareness
Fall Protection Awareness-Cal OSHA
Ladder Safety-Cal OSHA

Highlights
5 years of experience in the environmental consulting industry
Phase I Environmental Site Assessments
Environmental Transaction Screens
Records Search Risk Assessment Reports

Experience Summary
Ms. Manuel has over 5 years of experience in the environmental consulting industry conducting Database Reviews (DR), Records Search Risk Assessment Reports (RSRA), Historical Records Review (HRR), Historical Records and Database Review (HRDR), Extended Database Search (EDS), Environmental Transaction Screen (ETS), Phase I Environmental Site Assessments (ESA), and other related environmental assessments for sites including apartment buildings/complexes, commercial office buildings, shopping centers, multi-tenant commercial complexes, and dry cleaning operations.

Project Experience
Sartori Avenue two-story mixed use building, Torrance, California, 14-114299.1. A 20,800 SF commercial and residential building on .24 acres including offices/retail on the ground floor and residential on the second floor.

Athens Gate Apartments, El Paso, Texas, 15-138621.1. A two story, 233-unit multifamily apartment complex on 8.92 acres.

Aldine Plaza, Houston, Texas, 16-175611.1. A 35,278 SF retail center consisting of nine commercial/retail units and one vacant unit on 4.77 acres.

Radar Road, San Diego, California 16-161761.2, 3, 4. Three industrial parcels improved with a 13,065 SF building and a 14,313 SF building on 4.11 acres. Onsite operations include the sales, storage, rental, and maintenance of construction equipment.

Sisters Storage, Sisters, Oregon, 16-158333.1. A 22,800 square foot storage/retail/rental facility on 2.69 acres, consisting of public storage lockers, U-Haul truck rental, and power tool/equipment sales and rental.

Contact
CManuel@partneresi.com

Kathryn Heymann
Project Manager

Education

B.S. Environmental Science, Minor Biology, Sacred Heart University, Fairfield, CT.

Registrations

New York State Department of Labor Asbestos Inspector

Training

New York State Department of Labor Asbestos Inspector (Initial and yearly refresher).

Highlights

Qualified Environmental Professional (EP)

8 years of experience performing environmental due diligence conducting work on residential/commercial/industrial sites

Performed nearly 800 Phase I Environmental Site Assessments and Transaction Screen Assessments

Experience Summary

Ms. Heymann serves as a Project Manager for Partner Engineering and Science, Inc. (Partner) managing environmental due diligence projects such as Phase I Environmental Site Assessments, Transaction Screen Assessments, and Property Condition Reports in accordance with ASTM E1527 standards and EPA's All Appropriate Inquiry (AAI) requirements, Fannie Mae Delegated Underwriting Standards, Freddie Mac guidelines and other client-specific scopes of work. She is a qualified Environmental Professional under ASTM E 1527-13.

Ms. Heymann's expertise includes site assessments and investigation for various asset types and clients. Asset types assessed have included multifamily properties, office properties, retail shopping centers, gas stations, dry cleaners, hotels, auto dealership and service facilities, and various manufacturing operations across the country. Clients served have included residential and commercial developers, mortgage brokers, individual property owners and purchasers, local governmental entities, real estate investment trusts (REITs), private equity groups, and financial institutions such as Fannie Mae, and Freddie Mac lenders, insurance companies, and investment and regional banks.

Ms. Heymann's environmental background includes a detailed understanding of the risks associated with hazardous and regulated materials storage, use generation and disposal, aboveground and underground storage tanks, polychlorinated biphenyls (PCBs), asbestos-containing materials (ACM), lead-based paint (LBP), mold, and radon. She is skilled in the research requirements necessary for the preparation of Phase I Environmental Site Assessments (ESAs) including historical land use, regulatory, physical, and geological sources, and governmental research.

Project Experience

Palisades Center, West Nyack, New York. Completed a Phase I Environmental Site Assessment of the 3,075,547 SF regional shopping mall with an attached parking garage, which sits on top of two former landfills and is surrounded by properties with known off-site impacts.

East Coast 4, Long Island City, New York. Completed a Phase I Environmental Site Assessment of the former petroleum processing facility (Standard Oil Company) and Pepsi-Cola bottling plant. Property is currently residential, but identified as a Voluntary Cleanup Program and Brownfields site due to historical impacts with ongoing remedial activities.

On-Site Dry-cleaning Plant, 5 Holmes Street, Norwalk, Connecticut. Completed a Phase I Environmental Site Assessment of the warehouse building occupied by an on-site dry-cleaning plant with the on-site utilization of perchloroethylene (PCE) since 2002.

Liberty Rock Shopping Center, Milford, Connecticut. Completed a Phase I Environmental Site Assessment of the 175,875 SFG shopping center occupied by an on-site dry-cleaning facility and a former auto repair center with historical underground storage tanks identified.

Office Complex, 52 Washington Street, Rensselaer, New York. Completed a Phase I Environmental Site Assessment of the 14-acre office complex, which formerly operated as a manufactured gas plant from the *circa* 1870 through 1920 and a paper making mill from the early 1900s through the 1980s.

Contact

kheymann@partneresi.com

Melissa Dahl
National Client Manager
Principal

Education

A.S in Mathematics
B.S in Environmental Science, Rutgers University

Registrations

NJDEP-UST Subsurface Evaluation, Tank Testing
Installation & Closure Certification

Training

OSHA 40-Hour Hazwoper
OSHA 8-Hour Hazwoper Refreshers
ASTM Technical and Professional Training

Highlights

Over 15 years of experience in the environmental consulting industry
Over 15 years of experience in management, marketing, and regulatory compliance

Experience Summary

Ms. Dahl is a Principal and National Client Manager focusing on due diligence products for commercial real estate transactions. She services private and institutional equity investors, developers, financial institutions, Fannie Mae Lenders, and Freddie Mac Lenders with environmental site assessments, property condition assessments, seismic studies, construction monitoring, and remedial design/implementation. She has managed over 15,000 studies to support pooled collateral property undergoing securitization. She works closely with property managers, legal counsel, regulatory agencies, and special asset groups at banks providing insight into the risks and liabilities associated with properties and assistance in structuring various transactions. Ms. Dahl delivers exceptional service and adds value to businesses by assessing risks and exposures while formulating appropriate solutions. Her knowledge of environmental and engineering policy and ability to clearly convey issues to her clients allows them to accurately measure the risk associated with each deal, enhancing their overall portfolio.

Ms. Dahl formerly performed as a Project Manager for a Fortune 500 real estate firm, where her primary responsibilities were to manage field operations, remain apprised of latest state and federal regulatory mandates, and review Phase I Assessment reports to insure client scope of work was properly executed and deadlines were met. Ms. Dahl's field experience includes the successful completion of over 1,000 Phase I Environmental Site Assessments on various retail, office, industrial, hospitality, and multifamily properties.

Earlier in her career, Ms. Dahl assisted with the design of a contaminated groundwater treatment plant for a highly publicized Superfund site located in New Jersey, which is continually scrutinized and monitored by the media. She assisted with the writing of a feasibility study submitted to the EPA for the Superfund site and coordinated/ran daily public meetings with the citizens of the township providing constant interaction with public relations media.

Project Experience

Shopping Center Portfolio. A $3.5 billion dollar acquisition project consisting of 467 retail shopping centers operating across 38 states. Phase I Environmental Site Assessments and Property Condition Assessments

with special inspections were performed on each of the shopping centers. Multiple inspectors were coordinated and dispatched to each site within a three-week report completion timeline. Report deliverables also included inspection summaries which were incorporated into Environmental and Engineering spreadsheets for client/lender review. The acquisition was successful and highlighted Ms. Dahl's ability to thrive in a challenging fast-paced environment. Her valuable depth of experience, negotiation skills, and coordination of hundreds of engineering professionals as well as her responsiveness and expertise of client/lender's expedited timeline showed her ability to leverage strategic business partnerships and optimize customer experience.

Retail Bank Branch Portfolio. A $1.9 billion dollar acquisition project consisting of 418 retail bank branches operating in 15 states. Environmental studies were performed on each asset including review of city directories, aerial photographs, Federal Regulatory Databases, and historic Fire Insurance Sanborn Maps within a three-week project completion timeframe. Research findings were incorporated into spreadsheets for client/lender review. The acquisition was successful and exemplified Ms. Dahl's ability to capture and meticulously execute high profile projects under a tight timeframe. Her valuable depth of experience, negotiation skills, and her ability to communicate, interpret, and present findings to client/lender in an expedited timeline highlighted her impressive capabilities.

Train Station. A multi-million dollar refinance project consisting of a historic passenger train terminal including over 1 Million SF of retail, office, and rail use. Phase I Environmental Site Assessments, Property Condition Assessments, and Zoning Assessments were performed on this trophy asset. Multiple inspectors were dispatched to each site to complete the reports within a two-week timeline. The transaction was successful and exemplified the professional acumen of Ms. Dahl and Partner's Engineering Team.

Superfund Site. Ms. Dahl assisted with the remediation of a highly publicized 1,350-acre Superfund site located in New Jersey. The facility manufactured dyes, pigments, resins and epoxy and disposed of over 47,055 drums of waste in an unlined landfill on site. Ms. Dahl assisted with the writing of a feasibility study submitted to the EPA, and coordinated and ran daily public meetings with the citizens of the town providing constant interaction with public relations media.

Distinctions

Ms. Dahl has been named one of Tomorrow's Real Estate Leaders in New York Real Estate Form Magazine in February/March 2013 issue for her role in the number of real estate transactions in NY.

Affiliations

Environmental Bankers Association
International Conference of Shopping Centers
CRE Finance
Mortgage Bankers Association
Commercial Real Estate Women (CREW)

Contact

Mdahl@partneresi.com

PARTASS-01 LAURAK

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DATE (MM/DD/YYYY) 9/28/2020

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INSURER(S) AFFORDING COVERAGE	NAIC #
INSURER A : Starr Surplus Lines Insurance Company	13604
INSURER B : Continental Casualty Company	20443
INSURER C : Allied World Assurance Company (U.S.) Inc.	19489
INSURER D : American Casualty Company of Reading, Pennsylvania	20427
INSURER E : Underwriters at Lloyd's London	
INSURER F :	

INSURED
Partner Assessment Corporation dba Partner Engineering & Science, Inc.
2154 Torrance Blvd., #200
Torrance, CA 90501

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A	X COMMERCIAL GENERAL LIABILITY CLAIMS-MADE X OCCUR X $25,000 Deductible GEN'L AGGREGATE LIMIT APPLIES PER: POLICY X PRO-JECT LOC OTHER:			1000065923201	9/27/2020	9/27/2021	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG	$ 1,000,000 $ 500,000 $ 25,000 $ 1,000,000 $ 2,000,000 $ 2,000,000 $
B	AUTOMOBILE LIABILITY X ANY AUTO OWNED AUTOS ONLY SCHEDULED AUTOS X HIRED AUTOS ONLY X NON-OWNED AUTOS ONLY			6081763112	9/27/2020	9/27/2021	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	$ 1,000,000 $ $ $ $
C	UMBRELLA LIAB X OCCUR X EXCESS LIAB CLAIMS-MADE DED X RETENTION $ 0			03098032	9/27/2020	9/27/2021	EACH OCCURRENCE AGGREGATE Follow Form	$ 5,000,000 $ 5,000,000 $
D	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) Y/N Y If yes, describe under DESCRIPTION OF OPERATIONS below	N / A		6081763126	9/27/2020	9/27/2021	X PER STATUTE OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	$ 1,000,000 $ 1,000,000 $ 1,000,000
E	Professional E&O			W199E1200601	9/27/2020	9/27/2021	Each Claim/Aggregate	1,000,000
A	Pollution Liability			1000065923201	9/27/2020	9/27/2021	Each Occ./Aggregate	1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

CERTIFICATE HOLDER

Partner Assessment Corporation
2154 Torrance Blvd., #200
Torrance, CA 90501

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE
Laura Kalert

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Phase II Environmental Site Assessment Report

Performed at:
319-327 North Harbor Boulevard
San Pedro, California 90731

Prepared for:
UltraSystems Environmental
16431 Scientific Way
Irvine, California 92618

Project Number:
045.06065

April 30, 2021

EXECUTIVE SUMMARY

EFI Global has performed a Phase II Environmental Site Assessment (ESA) at the former commercial property located at 319-327 North Harbor Boulevard, San Pedro, California (the Site). This assessment was performed based on the findings of a previous Phase I ESA by Partner Engineering (Partner), dated March 3, 2021. Although the Site has undergone multiple rounds of investigation and remedial excavation, the Phase I ESA concluded that groundwater beneath the Site had not been adequately characterized.

To further assess subsurface conditions at the Site, four soil borings locations were advanced to a maximum depth of 40 feet below ground surface (bgs) to facilitate the collection of soil, groundwater, and soil vapor samples. Soil and groundwater samples were analyzed for Title 22 metals, total petroleum hydrocarbons (TPH), and volatile organic compounds (VOCs). Soil vapor samples were analyzed for VOCs.

The results of the assessment activities are summarized below:

- Soil: VOCs were not detected in the 12 soil samples analyzed. TPH-d was detected in two soil samples but at concentrations below screening levels. Lead and thallium were the only two metals detected in exceedance of residential screening levels.
- Groundwater: VOCs were not detected in the four groundwater samples analyzed. TPH-d was detected in two groundwater samples but at trace concentrations just above the laboratory reporting limit. Ten metals were detected at concentrations above residential screening levels.
- Soil Vapor: Six VOCs were detected at concentrations above the calculated residential screening levels. The cumulative cancer risk and the hazard quotient for residential site use were calculated to be 1.84×10^{-4} and 1.92, respectively. The cancer risk exceeds the *de minimis* risk threshold of 1×10^{-6}. Since the cancer risk is greater than $1\text{x}10^{-6}$ and hazard quotient is greater than 1.0, mitigation (such as installation of a vapor barrier) or remediation will be required prior to development of the Site for future residential use.

The results of this assessment have identified a risk to human health due to the presence of VOCs in soil vapor. Additional data are needed to assess if shallow soils and groundwater have been impacted by former operations at the Site. Therefore, EFI recommends the following:

- Perform additional soil sampling at approximately 12 locations to further characterize shallow soils (less than 5 feet bgs). Assuming that the future site use will include excavation for subterranean parking and all soils are removed, a Soils Management Plan should be prepared based on the data to manage excavated soils, and excavated soils will need to be disposed of at a licensed facility. In the event soils are not excavated, the shallow soil data can be used to further characterize soils for residential land use.
- Install three 2-inch diameter monitoring wells at the Site to confirm groundwater flow direction and whether dissolved phase metals have impacted groundwater beneath the Site. It is likely that the detected metals reported in groundwater are indicative of background conditions, but verification will be required with more invasive testing (e.g., monitoring wells). One upgradient and two downgradient wells are recommended.
- Additional soil vapor sampling is not warranted; however, future residential buildings will need a vapor barrier installed as noted above.
- For several years, aerial emissions and off-site releases from former lead recycling and manufacturing facilities have increasing become a concern with regulatory agencies, specifically the Department of Toxic Substances Control (DTSC). Most recently, the DTSC has launched the Lead-Acid Battery Recycling Facility Investigation and Cleanup (LABRIC) Program, which aims to identify and further investigate such potential releases. Consideration should be given to DTSC's Program and inquire as to the likelihood this former facility will be investigated in the future, perform an in-depth aerial emissions review of former on-site operations to evaluate emissions (not performed to date), or both.

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1.0 INTRODUCTION

EFI Global has performed a Phase II Environmental Site Assessment (ESA) at the former commercial property located at 319-327 North Harbor Boulevard, San Pedro, California (the Site). This assessment was performed based on the findings of a previous Phase I ESA by Partner Engineering (Partner), dated March 3, 2021. The subject property was formerly developed with several commercial structures occupied by a machine shop between 1925 and 1938, a copper works facility in 1943, an automobile repair facility from 1959 through 1969, and a battery manufacturing facility between 1950 and 2007. Although the Site has undergone multiple rounds of investigation and remedial excavation, the Phase I ESA concluded that groundwater beneath the Site had not been adequately characterized.

EFI Global performed this investigation to meet the following objectives:

- Provide preliminary, limited data on soil conditions beneath the Site for future waste characterization activities;
- Perform a screening-level assessment of groundwater beneath the Site to evaluate if significant impacts to groundwater are present; and
- Perform a screening-level assessment of soil vapor at the Site to evaluate if vapor intrusion concerns may be present for future development.

A total of four boring locations were advanced to a maximum depth of 40 feet below ground surface (bgs) to facilitate the collection of soil, groundwater, and soil vapor samples. Soil and groundwater samples were analyzed for Title 22 metals, total petroleum hydrocarbons (TPH), and volatile organic compounds (VOCs). Soil vapor samples were analyzed for VOCs. Based on the understanding that the Site will be redeveloped and used for residential purposes in the future, the Site was assessed for a residential land use scenario.

2.0 SITE INFORMATION

This section provides pertinent site information, including the location, a description, and the geologic and hydrogeologic settings.

2.1 SITE LOCATION AND DESCRIPTION

The Site is located on the southwest corner of the intersection of North Harbor Boulevard and West Ofarrell Street, in the city of San Pedro (Figure 1). The Site is a vacant parcel that is approximately 0.56 acre in size. According to Partner, the subject property is designated for community commercial development by the City of Los Angeles. The surrounding properties are generally used for commercial and residential purposes.

2.2 REGIONAL AND HYDROGEOLOGIC SETTING

The Site is located in the Coastal Plain, which is a part of the Peninsular Ranges geomorphic province. The Peninsular Ranges province, which is characterized by northwest-trending topographic and structural features, is bound by the Transverse Ranges province to the north and the Colorado Desert Province to the east *(California Geomorphic Provinces Note 36*, California Geological Survey, December 2002).

The Site is located in the West Coast Subbasin of the Coastal Plain of Los Angeles Groundwater Basin. This subbasin is bounded on the north by the Ballona Escarpment, on the east by the Newport-Inglewood fault zone, and on the south and east by the Pacific Ocean and consolidated rocks of the Palos Verdes Hills. The surface of the subbasin is crossed in the south by the Los Angeles River through the Dominguez Gap, and the San Gabriel River through the Alamitos Gap (*California's Groundwater Bulletin 118,* California Department of Water Resources, February 2004).

2.3 Local Geologic and Hydrogeologic Settings

The elevation of the Site is approximately 60 feet above sea level (Figure 1; United States Geological Survey San Pedro, California 7.5-minute topographic quadrangle). According to historical groundwater data presented in the Partner Phase I ESA, groundwater was anticipated to be at approximately 20 feet bgs, with a groundwater flow direction to the east. Based on the findings of this investigation, depth to groundwater ranged between approximately 27 and 34 feet bgs.

3.0 PREVIOUS INVESTIGATIONS

EFI Global performed a review of historical documents to assess previous investigations at the Site. The review identified the following previous investigations, which are summarized below.

3.1 Soil and Groundwater Investigation, Former Arco Battery facility, 327 North Harbor Boulevard, San Pedro, California. April 1996.

In 1996 SECOR International Inc., performed sampling activities at the Site (SECOR, 1996). Fifty (50) soil samples and four groundwater samples were collected and analyzed for lead only as part of a soil and groundwater investigation. This investigation identified lead concentrations in soil to be above the established regulatory screening levels, and it determined that groundwater had not been impacted.

3.2 Subsurface Investigation, ARCO Battery Facility. February 2005

JHD Services performed additional sampling in 2005 to evaluate the vertical and lateral extent of lead contaminated soils and assess pH conditions (JHD, 2005). A total of 64 soil samples were collected from 15 borings which were advanced to a maximum depth of 20 feet bgs. Lead results ranged from non-detect to concentrations above regulatory screening levels.

3.3 Soil Gas and Soil Investigation Report. September 2006

ENCORRE completed a Soil Gas and Soil Investigation Report, in the northern portion of the Site (ENCORRE, 2006a). The purpose of the investigation was to further delineate lead in subsurface soils laterally and vertically, as well as assessment for the presence of other heavy metals, and contaminants such as TPH, polychlorinated biphenyls (PCBs), and organochlorine pesticides (OCPs).

Using direct-push drilling technology, a total of 24 borings were advanced and dual nested soil vapor probes were installed at 5 and 15 feet bgs. In total, 29 soil samples were collected at various depths from 13 of the 24 borings, to a maximum sampled depth of 20 feet bgs. Additionally, six soil samples were collected at a depth of 1-foot bgs via hand auger in the northwest corner of the Site.

Soil vapor results reportedly found the following detections above regulatory screening levels:

- Ethylbenzene and xylene were detected at 5 and 15 feet bgs in only one boring at maximum respective concentrations of 0.5 micrograms per liter (µg/l) and 3.3 µg/l;
- Tetrachloroethylene (PCE) was detected in two borings at a maximum concentration of 1.2 µg/l; and
- TPH in the gasoline range was detected in one boring at 15 feet bgs at a concentration of 186 µg/l.

Results indicated the presence of lead-impacted soil up to a maximum concentration of 830 milligrams per kilogram (mg/kg) at 1-foot bgs. In total, 49 soil samples were analyzed from 11 borings, with 36 detectable concentrations of lead. Eighteen samples out of the 36 detections required additional Soluble Threshold Limit Concentration (STLC) lead analysis, 14 of which detected STLC lead above the California hazardous waste threshold of 5 mg/kg. TPH was detected in one sample out of 21 samples analyzed. OCPs were also detected in

one of two samples analyzed. PCBs and VOCs were not detected in the samples analyzed. After review of ENCORRE's Soil Gas and Soil Investigation Report, the Los Angeles County Fire Department Health Hazardous Material Division (LACFD HHMD) required a soil remediation workplan prior to cleanup activities at the Site.

3.4 Soil Excavation Work Plan. November 2006

ENCORRE prepared and submitted a Soil Excavation Work Plan for approval to the LACFD HHMD (ENCORRE, 2006b). The results of the previous investigations referenced above were included in this work plan.

3.5 Soil Remediation Report Former ARCO Battery Site. May 12, 2008

JHD Services prepared a Soil Remediation Report to document remediation activities performed at the Site (JHD, 2008). Between 2007 and 2008, soil excavation and removal were performed under the oversight of the LACFD HHMD. In addition to excavation of six lead-impacted areas based off of the Soil Excavation Work Plan (ENCORRE, 2006b), personal and perimeter air monitoring for lead, excavation confirmation sampling, stockpile sampling, and laboratory analysis was performed by JHD. Removal of approximately 750 cy of soil ranging between 1.5 and 12.5 feet bgs was performed. Per the Addendum to Soil Remediation Report prepared by JHD Services, dated June 30, 2008, an additional 150 cy of soil was excavated between depths ranging from 3.5 and 12.5 feet bgs during May and June 2008. Excavated soil was transported to Clean Harbors Buttonwillow Landfill for disposal. According to the findings in the Partner Phase I ESA, the Hazardous Waste Tracking System online database indicated that 955.98 tons of lead-impacted soil and 458.83 tons of TPH-impacted soil were removed from the Site between 2007 and 2008.

3.6 Preliminary Soil Investigation. May 2017

GSS Engineering, Inc. prepared a Preliminary Soil Investigation for the Site (GSS, 2017). The report summarized findings to obtain the geotechnical engineering properties of the subsurface soils for the purpose of recommendations for foundation support and other geotechnical matters pertinent to a proposed construction. Three test borings were advanced, and samples were obtained for laboratory testing and inspection. The results of this investigation concluded that the Site was suitable for the proposed development and provided recommendations in the design and construction of the proposed structure to reduce amount of damage from potential liquefaction. Additionally, due to the condition of the sandy matrix at groundwater, the report indicated caving may be encountered during pile construction, and therefore a contractor specialized in this condition should be consulted.

3.7 Phase I Environmental Site Assessment, March 2021.

Partner performed a Phase I ESA at the Site in March 2021 (Partner, 2021). According to Partner, historical site use at the subject property included several commercial structures occupied by a machine shop between 1925 and 1938, a copper facility in 1943, an automobile repair facility from 1959 to approximately 1969, and a battery manufacturer from 1950 to 2007. South Coast Air Quality Management District (SCAQMD) records show that in 1956, permits were issued to operate lead melting furnaces, a battery group table and associated exhaust system/venting equipment. Between 1991 and 1992, approximately 350 cubic yards (cy) of soil were excavated, treated with chemical fixation and reused as backfill in the excavation pit. In 1995, the Site was subsequently considered satisfactorily remediated for its use at the time and given a conditional closure by the LACFD HHMD. This consideration included prohibitions for site redevelopment until further remediation was conducted. Additional investigations and subsequent remedial excavations occurred as further described in the above sections.

Based on the results of previous investigations and excavation activities completed, the Phase I ESA concluded that the lead-impacted soils from historical on-site operations appear to have been properly addressed and removed from the property for off-site disposal; however, groundwater did not appear to have been adequately investigated. Given the historical use of the Site, in conjunction with the elevated concentrations reported in the

results of the 2006 soil gas sampling and shallow depth to groundwater, the subject property's unknown groundwater conditions resulting from historical on-site operations, were considered a Recognized Environmental Condition (REC).

Based on the conclusions of the Phase I ESA, the following recommendations were provided by Partner:

- A subsurface investigation should be conducted in order to determine the presences or absence of groundwater contamination due to the historical use of the subject property.
- Since future construction plans will likely involve significant excavation of soils and may require dewatering activities, care should be taken during redevelopment. Any subsurface improvements and/or contaminated media encountered during redevelopment activities should be removed and properly disposed in accordance with applicable regulations.

4.0 WORK PERFORMED

All field activities pertaining to the Phase II ESA were completed on April 8 and 9, 2021.

4.1 FIELD PREPARATION

Prior to conducting field activities, EFI Global personnel marked the work area with white paint. Underground Service Alert (USA) was notified of the pending fieldwork a minimum of two full working days before mobilization. The proposed boring locations were subsequently checked for utility conflicts, access limitations, and other hindrances or issues that may have been encountered during fieldwork.

As required by the Environmental Health Division Drinking Water Program of the Los Angeles County Department of Public Health, a boring permit (Number SR0249256) was obtained prior to the start of drilling. A copy of the permit is presented in Appendix A.

4.2 FIELDWORK

The fieldwork included soil, soil vapor, and grab groundwater sampling as described below.

4.3 SAMPLING ACTIVITIES

On April 8, 2021, EFI Global field personnel directed the advancement of four borings (B1 through B4) across the Site as shown in Figure 2. Boring B1 was advanced within the footprint of the former auto repair/storage building. Boring B2 was advanced on the western portion of the Site believed to be upgradient, and two borings (B3 and B4) were advanced near/within the footprint of the former battery storage and former battery manufacturing facility main building. Borings B1 through B4 were advanced to 25 feet bgs and groundwater was not encountered. It was decided to complete the soil vapor probes in the initial borings and return the following day (April 9, 2021) to advance co-located (deeper) borings to facilitate collection of groundwater samples.

4.3.1 Borehole Advancement and Soil Sampling Methodology

Soil borings were advanced using a direct-push technology (DPT) drill rig equipped with a 2.25-inch-diameter coring barrel. At each location, a hydraulic hammer or vibrator was used to drive the push-probe sampling system into the soil to the desired sampling depth. As the core barrel was advanced, soil was driven into an acetate sleeve. Soil samples were collected from each boring at minimum 5-foot intervals to a maximum depth of 40 feet bgs.

After being driven, the rods were removed from the borehole, and the acetate sleeve containing the soil was removed from the sample barrel. At the targeted sample depth, an approximately 6-inch segment of soil within

the acetate liner was cut, sealed with Teflon® tape and tight-fitting plastic caps, labeled, logged in a chain-of-custody form, and placed in a chilled container pending transportation to a state-certified laboratory for analysis. Chain-of-custody documentation and protocol were maintained from sample collection through submittal to the laboratory.

Soil that was not retained for potential chemical analysis was extruded from the acetate liner and logged in general accordance with the Unified Soil Classification System (USCS). The samples were observed for color, texture, moisture content, plasticity, evidence of fill material, visible evidence of soil contamination (i.e., discoloration), and any other notable characteristics. Incidental odors were also noted, if any.

Soil samples were screened for VOCs by headspace analysis using a photoionization detector (PID). For each sampling interval, soil was placed in a plastic bag and sealed. Upon equilibration of the atmosphere in the sealed plastic bag, the probe tip of the PID was inserted into the bag, and the maximum concentration of VOCs was recorded on the boring log. Boring logs are presented in Appendix B.

4.4 Soil Vapor Probe Installation

Upon the completion of the initial soil boring advancement on April 8, 2021, soil borings were converted to temporary soil vapor sampling probes. In each boring, dual-nested soil vapor probes were installed at a depth of 5 and 15 feet bgs. Each boring was initially backfilled with hydrated bentonite granules to a depth of approximately 6 inches below the intended depth of the deeper soil vapor probe (15 feet bgs). Approximately 6 inches of clean sand were then placed in the bottom of the boring. A 1-inch polypropylene tip connected to ¼-inch-diameter, Nylaflow® tubing was then placed at the desired sample depth. An additional 6 inches of sand were placed above the probe, embedding it in an approximately 1-foot-thick sand pack. The boring was subsequently backfilled with 6 inches of dry bentonite granules, followed by hydrated bentonite granules to 6 inches below the next probe depth (5 feet bgs). Approximately 6 inches of clean sand were then placed in the bottom of the boring. A 1-inch polypropylene tip connected to ¼-inch-diameter, Nylaflow® tubing was then placed at the desired sample depth. An additional 6 inches of sand were placed above the probe, embedding it in an approximately 1-foot-thick sand pack. The boring was subsequently backfilled with 6 inches of dry bentonite granules, followed by hydrated bentonite granules to the surface.

Following construction, each vapor probe was capped with a three-way valve and left undisturbed for a minimum of two hours to allow subsurface conditions to stabilize and bentonite seals to set, as recommended by DTSC in its *Advisory, Active Soil Gas Investigations* (Advisory, July 2015). Soil vapor construction diagrams are provided as part of the boring logs in Appendix B.

4.5 Soil Vapor Sampling

The soil vapor probes were sampled with an on-site mobile laboratory on April 8, 2021, after subsurface conditions were allowed to equilibrate for at least two hours per the Advisory. Prior to purging and sampling, the internal volume of each probe was calculated. Probe volume calculations accounted for the probe tubing, the sand pack (assumed at 40% porosity), and the dry bentonite (assumed at 50% porosity). Calculated purge volumes were documented in the mobile laboratory report.

The apparatus used to conduct purging was constructed by securing an on/off valve to the soil vapor sampling probe head and routing the vapor stream through a vacuum pump at a flow rate of approximately 150 to 200 milliliters per minute (ml/min). Approximately three probe volumes were purged from each probe prior to sampling.

Upon securing the purge and sample train to each vapor probe, a shut-in test was conducted to check for leaks in the above-ground sampling system. The above-ground valves, lines and fittings downstream from the top of the probe were assembled, and the system was evacuated to establish a vacuum in the sampling train. The

sample train was observed for approximately one minute to verify no observable reduction in vacuum was observed. In the event a loss in vacuum was observed, the sample train was re-adjusted and the test repeated.

Upon verification of sample train integrity, efforts were made to minimize disturbance and alteration to the apparatus until completion of purging and vapor sample collection

Each sample container was labeled with the sample number, date, and time, and recorded on a chain-of-custody form. Chain-of-custody documentation was maintained from sample collection through submittal to a state-certified laboratory. Upon completion of soil vapor sampling, the temporary soil vapor probes were removed, and the holes were topped off with bentonite to ground surface.

4.6 GROUNDWATER SAMPLING

On April 9, 2021, following the advancement of each co-located boring to its terminal depth, a temporary, small-diameter, slotted, polyvinyl chloride (PVC) well casing was lowered into the boring where groundwater was first encountered (approximately 34 feet bgs in boring B1, approximately 28 feet bgs in borings B2 through B3, and approximately 27 feet bgs in boring B4). Groundwater entered the slotted casing, and a groundwater sample was collected with a small-diameter, single-use, disposable bailer. Samples were immediately decanted from the bailer into laboratory-provided containers for VOCs, TPH, and Title 22 metals analysis. Care was taken to avoid aeration of the samples during transfer to the sampling containers. Each container was labeled, logged in a chain-of-custody form, and placed in a chilled container pending delivery to a state-certified laboratory. After the completion of groundwater sampling, the temporary well casing was withdrawn, and each boring was backfilled with cement slurry/hydrated bentonite to the grass cover at surface.

5.0 CHEMICAL ANALYSIS

Soil and groundwater samples were submitted to Positive Lab Services (Positive) of Los Angeles, California for analysis. Soil and groundwater samples were analyzed for TPH by United States Environmental Protection Agency (EPA) Method 8015M, VOCs by EPA Method 8260B, and Title 22 metals by EPA Method 6010B/7471A. From each boring, soil samples from three discrete depths (5, 15, and 25 feet bgs) were requested for laboratory analysis.

Soil vapor samples were collected from each dual-nested probe in all four borings (eight probes total, plus one quality control field duplicate) and analyzed via an on-site mobile laboratory provided by Positive. VOCs in soil vapor were analyzed by Modified EPA Method 8260B.

6.0 FINDINGS

6.1 SOIL CONDITIONS

Soils encountered from the ground surface to a depth of 40 feet bgs were classified as follows:

- Poorly-Graded Sand to Silty Sand (USCS soil type classification “SP” to “SM”) was encountered in the upper 20 feet bgs in borings B1, B2, B3 and B4 (except for the upper 10 feet in boring B3). The poorly graded sand and silty sand was generally described as brown, loose, dry, micaceous, fine grained sand. In boring B3, the Sandy Silt (“ML”) was encountered ground surface to 10 feet bgs. This soil was described as brown, dry, medium stiff, non-plastic, with trace fine grained sand and fine gravel.
- Clay (“CL”) was encountered beginning at approximately 25 feet bgs. This soil was generally described as brown, soft to medium stiff, moist, medium plasticity.
- Soils deeper than 25 feet bgs were generally described as Silty Sand (SM) to Sandy Silt (SM) in borings B1, B3, and B4. The soil was generally described as brown to dark gray, loose, wet, fine grained sand,

medium stiff, with low plasticity. Soil in boring B2 were generally described as Poorly-Graded Sand (SP), brown, loose, wet, micaceous, fine grained sand.

Staining and incidental odors were not noted during this investigation. Headspace readings with the PID ranged from 0.0 to 1.6 parts per million by volume (ppmv). These readings are typical of moist, uncontaminated soil. Detailed descriptions of the materials encountered during drilling are presented on the soil boring logs in Appendix B.

Groundwater was encountered in borings B1 through B4 at depths ranging from approximately 27 to 34 feet bgs. The depths to groundwater were unchanged over the time of the investigation, indicating that the first-encountered water-bearing zone is not under pressure.

6.2 Analytical Results and Comparison to Human Health Screening Levels

The analytical results for soil, groundwater and soil vapor are summarized in Tables 1 through 5. The certified analytical reports and the chain-of-custody documents are provided in Appendix C.

6.2.1 Human Health Screening Levels

The following sections include comparisons of the analytical results to applicable human health screening levels that have been established by the EPA and DTSC, as follows:

1. Regional Screening Levels (RSLs) have been developed by the EPA using default exposure and toxicity criteria to provide conservative screening levels, whereby concentrations of contaminants below such levels are not considered to represent a significant risk to human receptors (including cancer and non-cancer risks). EPA publishes Regional Screening Levels (RSLs) periodically. The most current release is dated November 2020. For the Site, the "Target Risk = 1E-06, Target Hazard Quotient = 1.0" RSL data set is appropriate to use.
2. DTSC recommends the use of alternative screening levels based on toxicity criteria reviewed by DTSC's Human and Ecological Risk Office (HERO). DTSC-modified Screening Levels [DTSC-SLs]) are updated periodically and published in *Human Health Risk Assessment (HHRA) Note, HERO HHRA Note Number: 3, DTSC-modified Screening Levels (DTSC-SLs), Release Date: June 2020* (Note 3). For compounds that have screening criteria listed in Note 3, the alternative screening levels are used instead of RSLs.
3. Groundwater analytical results are compared to state and federal drinking water standards (i.e., Maximum Contaminant Levels [MCLs]), which are enforceable regulatory criteria. Federal MCLs are established in the Code of Federal Regulations (CFR), Title 40, Chapter I, Subchapter D, Part 141. State MCLs are established Title 17 of the California Code of Regulations (CCR).

Because the Site is planned for residential use, the analytical results were compared to screening levels under a residential land-use scenario.

Human health screening levels have not been established for soil vapor. However, a preliminary method to evaluate if detected VOCs in soil vapor represent the potential for infiltration into building structures at unacceptable concentrations has been presented by the DTSC in the October 2011 *Final Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air* (Vapor Intrusion Guidance). As soil vapors migrate vertically from the subsurface to the sub-slab and potentially into indoor air (i.e., via vapor intrusion), subsurface structures including the slab attenuate concentrations of VOCs from the subsurface prior to their potential intrusion into the building. The Vapor Intrusion Guidance provides the following formula to estimate indoor air concentrations based on soil vapor data:

$\alpha = (c_{indoor} / c_{soil\ vapor})$

where:

α	=	Attenuation Factor
c_{indoor}	=	Indoor Air Concentration
$c_{soil\ vapor}$	=	Soil Vapor Concentration

There are two methods whereby this formula can be used to evaluate site-specific analytical data, as follows:

- Method 1: Soil vapor sample analytical results can be multiplied by the attenuation factor to calculate the estimated concentrations of VOCs that would be anticipated in indoor air. These estimated concentrations can then be compared directly to the established screening levels for indoor air.
- Method 2: The established screening levels for indoor can be divided by the attenuation factor to convert them into screening levels for soil vapor. The soil vapor analytical results can then be compared to these calculated screening levels, which represent the maximum concentrations of VOCs that may be present in soil vapor without resulting in an unacceptable risk to building occupants.

Using Method 2 above, screening levels for the VOCs detected in soil vapor were calculated by dividing the published regulatory screening levels (DTSC-SLs or RSLs, as appropriate) for indoor air by an attenuation factor of 0.03. This is EPA's empirically derived attenuation factor and has recently been adopted as the industry standard. The calculated screening levels for soil, groundwater, and soil vapor are included in Tables 1 through 5.

6.2.2 Soil Analytical results

A total of 12 soil samples were analyzed for TPH, VOCs, and Title 22 metals. A discussion of the soil analytical results is provided in the following sections.

6.2.2.1 Volatile Organic Compounds in Soil

A summary of VOC analytical results in soil is presented in Table 1. VOCs were not detected above laboratory reporting limits in soil samples collected during this assessment.

6.2.2.2 Total Petroleum Hydrocarbons in Soil

A summary of TPH analytical results in soil is also presented in Table 1. Total petroleum hydrocarbons, diesel range organics (TPH-d; carbon range C13-C22) were detected in two soil samples collected during this assessment. Notable results are summarized as follows:

- TPH-d (C13-C22), was detected in soil sample B2-SS-5 at a concentration of 2.95 mg/kg, and in soil sample B4-SS-25 at a concentration of 2.72 mg/kg. Since there are no RSLs or DTSC-SLs for TPH-d in soil, detections were compared to the Los Angeles Regional Water Quality Control Board (LARWQCB) maximum soil screening level (MSSL) of 1,000 mg/kg (for sites with distance to groundwater from 20 to 150 feet [LARWQCB, 1996]).
- TPH was not detected in any other soil samples analyzed.

6.2.2.3 Title-22 Metals in Soil

A summary of metals analytical results in soil are presented in Table 2. Title 22 metals were detected in one or more soil samples collected during this assessment. Notable results are summarized as follows:

- Several metals were detected at various concentrations below residential screening levels, with the exception of lead and thallium.

- Only one lead detection was reported in exceedance of the residential screening level of 80 mg/kg. This detection (184 mg/kg) was reported at boring B2 at the 5-foot depth.
- Only one thallium detection was reported in exceedance of the residential screening level of 0.78 mg/kg. This detection (2.32 mg/kg) was reported in boring B1 at the 25-foot depth.

6.2.3 Groundwater Analytical Results

Groundwater grab samples were analyzed for TPH, VOCs, and Title 22 metals. A discussion of the groundwater analytical results is provided in the following sections.

6.2.3.1 Volatile Organic Compounds in Groundwater

A summary of VOC analytical results in groundwater is presented in Table 3. VOCs were not detected in any groundwater samples collected during this assessment.

6.2.3.2 Total Petroleum Hydrocarbons in Groundwater

A summary of TPH analytical results in groundwater is presented in Table 3. TPH-d (C13-C22) was detected in two groundwater samples collected during this assessment. Notable results are summarized as follows:

- TPH-d (C13-C22), was detected in sample B2-GW-29 at a concentration of 0.629 milligrams per liter (mg/l), and in sample B3-GW-29 at a concentration of 0.589 mg/l. Both detections were reported at concentrations just above the laboratory reporting limit of 0.5 mg/l.
- TPH was not detected in any other groundwater sample analyzed.

6.2.3.3 Title-22 Metals in Groundwater

A summary of metals analytical results in groundwater is presented in Table 4. Fifteen metals were detected in one or more groundwater samples collected during this assessment. Of these, 10 metals were detected at concentrations above screening levels. Notable results are summarized as follows:

- Antimony was detected in two of the four groundwater samples at concentrations ranging between 0.020 mg/l (B2-GW-29) and 0.021 mg/l (B4-GW-29). Both detections are above the MCL of 0.006 mg/l.
- Arsenic was detected in all four groundwater samples at concentrations ranging between 0.122 mg/l (B1-GW-34) and 0.300 mg/l (B2-GW-29). All four detections are above the MCL of 0.01 mg/l.
- Barium was detected in all four groundwater samples at concentrations ranging between 0.122 mg/l (B1-GW-34) and 0.300 mg/l (B2-GW-29). Three detections are above the MCL of 1.0 mg/l.
- Beryllium was detected in three of four groundwater samples at concentrations ranging between 0.005 mg/l (B1-GW-34) and 0.012 mg/l (B4-GW-29). All three detections are above the MCL of 0.004 mg/l.
- Cadmium was detected in three of four groundwater samples at concentrations ranging between 0.01 mg/l (B1-GW-34) and 0.030 mg/l (B2-GW-29). All three detections are above the MCL of 0.005 mg/l.
- Chromium was detected in all four groundwater samples at concentrations ranging between 0.228 mg/l (B3-GW-29) and 0.992 mg/l (B2-GW-29). All four detections are above the MCL of 0.05 mg/l.
- Lead was detected in all four groundwater samples at concentrations ranging between 0.054 mg/l (B3-GW-29) and 0.442 mg/l (B2-GW-29). All four detections are above the MCL of 0.015 mg/l.
- Nickel was detected in all four groundwater samples at concentrations ranging between 0.186 mg/l (B3-GW-29) and 0.521 mg/l (B2-GW-29). All four detections are above the MCL of 0.1 mg/l.
- Thallium was detected in three of four groundwater samples at concentrations ranging between 0.012 mg/l (B1-GW-34) and 0.036 mg/l (B2-GW-29 and B4-GW-29). All three detections are above the MCL of 0.002 mg/l.

- Mercury was detected in two of the four groundwater samples at concentrations ranging between 0.00236 mg/l (B2-GW-29) and 0.00274 mg/l (B4-GW-29). Both detections are slightly above the MCL of 0.002 mg/l.

6.2.4 Volatile Organic Compounds in Soil Vapor

A summary of VOCs analytical results in soil vapor is presented in Table 5. Eight VOCs were detected in one or more soil vapor samples collected during this assessment. Notable results are summarized as follows:

- PCE was detected in one of eight soil vapor samples at a concentration of 0.0329 µg/l (B1-SV-15), which is above the calculated screening level of 0.015 µg/l.
- Benzene was detected in all soil vapor samples at concentrations ranging between 0.0330 µg/l (B4-SV-15) and 0.0428 µg/l (B1-SV-5). All eight detections are above the calculated screening level of 0.0032 mg/l.
- m,p-Xylene was detected in three of eight soil vapor samples at concentrations ranging between 0.248 µg/l (B3-SV-5) and 3.44 µg/l (B4-SV-15). Only one detection (3.44 µg/l; B4-SV-15) was reported at a concentration above the calculated screening level of 3.33 µg/l.
- o-Xylene was detected in one of eight soil vapor samples at a concentration of 0.863 µg/l (B4-SV-15), and below its calculated screening level of 3.33 µg/l.
- Ethylbenzene was detected in two of eight soil vapor samples at concentrations of 0.448 µg/l (B3-SV-15) and 0.840 µg/l (B4-SV-15). Both detections are above the calculated screening level of 0.037 µg/l.
- Acetone was detected in one of eight soil vapor samples at a concentration of 1.89 µg/l (B4-SV-15), and below its calculated screening level of 1,067 µg/l.
- 1,1,1,2-Tetrachloroethane was detected in one of eight soil vapor samples at a concentration of 1.85 µg/l (B3-SV-15), which is above the calculated screening level of 0.01 µg/l.

6.2.5 Screening Level Human Health Risk Evaluation

To further evaluate the potential vapor intrusion risk to future Site occupants, the maximum concentrations of PCE, benzene, m,p-xylene, ethylbenzene, and 1,1,1,2-tetrachloroethane detected in soil vapor were used to quantify the incremental cancer risk and hazard quotient due to the presence of VOCs.

The preliminary cancer endpoint screening levels represent a cancer exposure risk of 1×10^{-6}. The cancer risk associated with each detected VOC was calculated by dividing the product of the maximum concentration of the compound and the default attenuation factor by its respective cancer endpoint DTSC-SL (calculated using an attenuation factor of 0.03 and Method 2 described in Section 6.2.1), and then multiplying by 1×10^{-6}. For example, the indoor air cancer risk associated with the maximum detected concentration of benzene in soil vapor was calculated as follows:

$$[(0.0428\ \mu g/l\ /\ 0.0032\ \mu g/l)*(1\times10^{-6}) = 1.32\times10^{-5}$$

0.0428 µg/l = maximum detected concentration of benzene in soil vapor
0.0032 µg/l = cancer-endpoint DTSC-SL for benzene
1.32×10^{-5} = calculated cancer risk for benzene

The non-cancer endpoint screening levels (i.e., the non-cancer endpoint DTSC-SLs) represent a hazard quotient of 1. The hazard quotient associated with each detected VOC was calculated by dividing the maximum concentration of the compound by its respective non-cancer endpoint DTSC-SSL (calculated using an attenuation factor of 0.03 and Method 2 described in Section 6.2.1).

Consistent with DTSC guidance, the cancer risk and the hazard quotient were calculated individually for each detected VOC discussed above and summed to derive a cumulative cancer risk and hazard quotient for the Site. For cancer risks, the *de minimis* risk threshold is 1×10^{-6}, and for non-cancer risk, the *de minimis* Hazard Quotient

threshold is 1.0 *(Final Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air [Vapor Intrusion Guidance]*, DTSC, October 2011. The calculated cancer risk and hazard quotient results are presented below:

Calculated Cumulative Incremental Cancer Risk and Hazard Quotient – Residential Scenario

Compound	Cancer Endpoint SL (µg/l)	Non-Cancer Endpoint SL (µg/l)	Maximum Detected Soil Vapor Concentration (µg/l)	Cancer Risk	Hazard Quotient
Tetrachloroethene	0.015	1.4	0.0329	2.15x10-6	0.02
Benzene	0.0032	0.10	0.0428	1.32x10-5	0.41
m,p-Xylene	NE	3.33	3.44	NE	1.03
Ethylbenzene	0.037	33.33	0.840	2.29x10-5	0.03
1,1,1,2-Tetrachloroethane	0.01	4.33	1.85	14.6x10-05	0.43
			Cumulative Risk	1.84×10-4	1.92
			De Minimis Risk Threshold	1×10-6	1.0

Notes:
SL = DTSC Screening Levels (June 2020 Update)
NE = not established for indicated analyte(s)
µg/l = micrograms per liter

The cumulative cancer risk and the hazard quotient for residential site use were calculated to be 1.84×10^{-4} and 1.92, respectively. The cancer risk exceeds the *de minimis* risk threshold of 1×10^{-6}. Since the cancer risk is greater than $1x10^{-6}$ and hazard quotient is greater than 1.0, mitigation (such as installation of a vapor barrier) or remediation will be required prior to development of the Site for future residential use.

7.0 CONCLUSIONS AND RECOMMENDATIONS

EFI Global has performed a Phase II ESA at the former commercial property located at 319-327 North Harbor Boulevard, San Pedro, California. This assessment was performed based on the findings of a previous Phase I ESA by Partner. Although the Site has undergone multiple rounds of investigation and remedial excavation, the Phase I ESA concluded that groundwater beneath the Site had not been adequately characterized.

To further assess subsurface conditions at the Site, four soil borings locations were advanced to a maximum depth of 40 feet bgs to facilitate the collection of soil, groundwater, and soil vapor samples. Soil and groundwater samples were analyzed for Title 22 metals, TPH, and VOCs. Soil vapor samples were analyzed for VOCs.

The results of the assessment activities are summarized below:

- Soil: VOCs were not detected in the 12 soil samples analyzed. TPH-d was detected in two soil samples but at concentrations below screening levels. Lead and thallium were the only two metals detected in exceedance of residential screening levels.
- Groundwater: VOCs were not detected in the four groundwater samples analyzed. TPH-d was detected in two groundwater samples but at trace concentrations just above the laboratory reporting limit. Ten metals were detected at concentrations above residential screening levels.
- Soil Vapor: Six VOCs were detected at concentrations above the calculated residential screening levels. The cumulative cancer risk and the hazard quotient for residential site use were calculated to be 1.84×10^{-4} and 1.92, respectively. The cancer risk exceeds the *de minimis* risk threshold of 1×10^{-6}. Since the cancer risk is greater than $1x10^{-6}$ and hazard quotient is greater than 1.0, mitigation (such as

installation of a vapor barrier) or remediation will be required prior to development of the Site for future residential use.

The results of this assessment have identified a risk to human health due to the presence of VOCs in soil vapor. Additional data are needed to assess if shallow soils and groundwater have been impacted by former operations at the Site. Therefore, EFI recommends the following:

- Perform additional soil sampling at approximately 12 locations to further characterize shallow soils (less than 5 feet bgs). Samples should be analyzed for Title 22 metals and TPH, at a minimum, based on reported detections from this assessment and former remediation and facility operations at the Site. Assuming that the future site use will include excavation for subterranean parking and all soils are removed, a Soils Management Plan should be prepared based on the data to manage excavated soils, and excavated soils will need to be disposed of at a licensed facility. In the event soils are not excavated, the shallow soil data can be used to further characterize soils for residential land use.
- Install three 2-inch diameter monitoring wells at the Site to confirm groundwater flow direction and whether dissolved phase metals have impacted groundwater beneath the Site. It is likely that the detected metals reported in groundwater are indicative of background conditions, but verification will be required with more invasive testing (e.g., monitoring wells). One upgradient and two downgradient wells are recommended. Groundwater samples should be collected using low-flow methods and field filtered or filtered at the laboratory to allow for total and dissolved metals analysis.
- Additional soil vapor sampling is not warranted; however, future residential buildings will need a vapor barrier installed as noted above.
- For several years, aerial emissions and off-site releases from former lead recycling and manufacturing facilities have increasing become a concern with regulatory agencies, specifically the DTSC. Most recently, the DTSC has launched the Lead-Acid Battery Recycling Facility Investigation and Cleanup (LABRIC) Program, which aims to identify and further investigate such potential releases. Consideration should be given to DTSC's Program and inquire as to the likelihood this former facility will be investigated in the future, perform an in-depth aerial emissions review of former on-site operations to evaluate emissions (not performed to date), or both.

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8.0 SIGNIFICANT ASSUMPTIONS AND RELIANCE

This report has been prepared in accordance with generally-accepted environmental methodologies and industry standards as they relate to the Data Quality Objectives of the assessment. No warranties, expressed or implied, are made as to the professional services provided under the terms of EFI Global's contract(s) or specified in this report. This assessment has been conducted, in part, based on information, data or reports provided or prepared by others. EFI Global reviews and interprets these documents in good faith and relies that the provided data and documents are true and accurate.

Environmental conditions at the site were assessed or interpreted within the context of EFI Global's contract(s) and existing environmental regulations of applicable jurisdiction(s) as of the date of the report. Regulatory requirements, regulations and guidance are subject to change subsequent to the date of the report. Unless otherwise stated in the report, evaluating compliance of past, present or future owners with applicable local, provincial and federal government laws and regulations was not included within the scope of the assessment.

The environmental assessment is limited by the availability of information at the time of the assessment. The conclusions and recommendations regarding environmental conditions presented in this report are based on a scope of work authorized by the Client. It is possible that unreported conditions impairing the environmental status of the site may have occurred which could not be identified. EFI Global's opinions cannot be extended to portions of the site that were unavailable for direct access and observation reasonably beyond the control of EFI Global or outside of the scope of the assessment. Environmental assessment activities, particularly the sampling of soil, vapor (air), groundwater and structure materials, represent those conditions which are present at the time of sampling within the immediate vicinity of the sample(s) collected. Although sampling plans are developed in an attempt to provide what is interpreted as sufficient coverage within the assessment area to achieve the investigative objectives, no extent of sampling can guarantee all environmental conditions, potential chemicals of concern (man-made or naturally occurring) and concentrations at which they occur have been identified and quantified absolutely. The assessment performed and outlined in this report was based, in part, upon visual observations of the site and attendant structures. It should be noted that compounds, materials or chemicals of potential concern other than those described could be present in the site environment, and the possibility remains that unexpected environmental conditions may be encountered at the site in locations not specifically investigated.

All components of this report, including but not limited to text, signatures, certifications, figures, tables, attachments, appendices, supporting documents and addenda are integral to the reporting of the assessment. This report may not be reproduced, except in full, without written approval of EFI Global.

This report has been prepared for the sole use of UltraSystems Environmental. The contents should not be relied upon by any other parties without the express written consent of UltraSystems Environmental and EFI Global.

9.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

This investigation has been performed by qualified geologists, engineers, industrial hygienists, environmental scientists, and/or environmental professionals, in conformance with generally-accepted industry standards and practices.

Daniel Jablonski
Senior Project Manager
EFI Global, Inc.

Shayan Simantob, PG
Principal Geologist
EFI Global, Inc.

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FIGURES

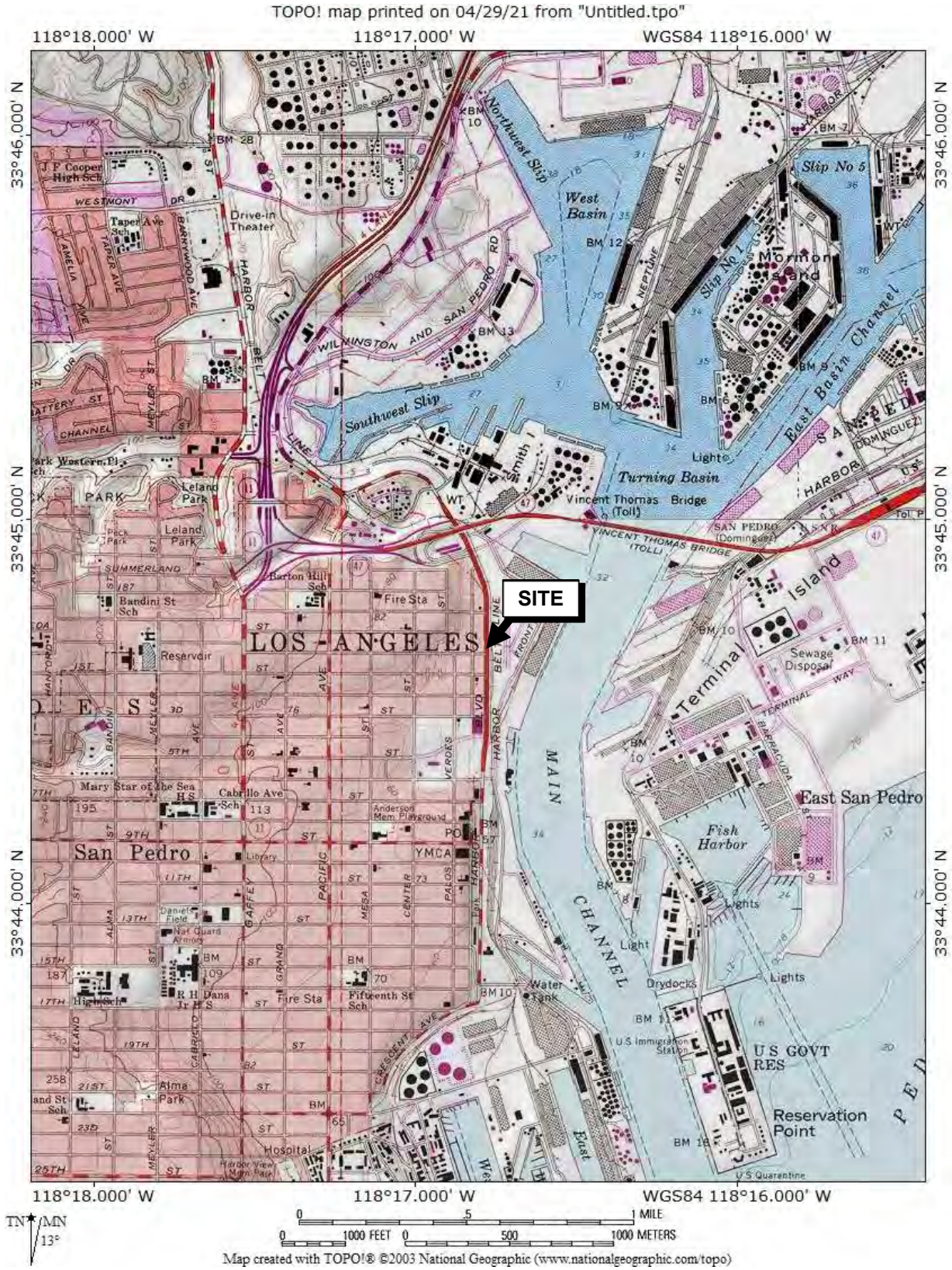

Figure 1
Site Location Map

319-327 North Harbor Boulevard
San Pedro, California 90731

Source:
USGS San Pedro, CA 7.5 Minute
Topographic Map (1981)

Project Number: 045.06065

BASEMAP SOURCE: GOOGLE EARTH, IMAGERY DATE: 5/2019

LEGEND

- PROPERTY LINE
- SUBJECT STRUCTURE
- SOIL BORING/SOIL VAPOR PROBE LOCATION
- SEWER LINE
- FORMER ACID TANK
- GROUNDWATER STEP OUT LOCATION

N

APPROX. SCALE: 1"=30'

0 15' 30'

SITE PLAN

319-327 NORTH HARBOR BLVD
SAN PEDRO, CA 90731

efi global

PN:045.06065	FIGURE
DT: 4/29/2021	2
DB:HM CB:EO	

K:\AE 2021\Projects 2021\045 Projects 2021\045.06065_319-327 North Harbor Boulevard, San Pedro, CA 90731_PHII\05 045.06065_Reports\Phase II ESA\02 CAD\045.06065_SitePlan

TABLES

Table 1: Total Petroleum Hydrocarbons and Volatile Organic Compounds in Soil
Proposed Residential Property
319-327 N Harbor Blvd, San Pedro, California

Sample ID	Sample Date	Sample Depth (ft bgs)	EPA Method 8015M (mg/kg)				All EPA Method 8260B VOCs (µg/kg)
			TPH-g (C4 - C12)	TPH-d (C13 - C22)	TPH-d (C23 - C32)	TPH-o (C33 - C36)	
B1-SS-5	04/08/21	5	ND<0.5	ND<2.5	ND<100	ND<100	ND
B1-SS-15	04/08/21	15	ND<0.5	ND<2.5	ND<100	ND<100	ND
B1-SS-25	04/08/21	25	ND<0.5	ND<2.5	ND<100	ND<100	ND
B2-SS-5	04/08/21	5	ND<0.5	**2.95**	ND<100	ND<100	ND
B2-SS-15	04/08/21	15	ND<0.5	ND<2.5	ND<100	ND<100	ND
B2-SS-25	04/08/21	25	ND<0.5	ND<2.5	ND<100	ND<100	ND
B3-SS-5	04/08/21	5	ND<0.5	ND<2.5	ND<100	ND<100	ND
B3-SS-15	04/08/21	15	ND<0.5	ND<2.5	ND<100	ND<100	ND
B3-SS-25	04/08/21	25	ND<0.5	ND<2.5	ND<100	ND<100	ND
B4-SS-5	04/08/21	5	ND<0.5	ND<2.5	ND<100	ND<100	ND
B4-SS-15	04/08/21	15	ND<0.5	ND<2.5	ND<100	ND<100	ND
B4-SS-25	04/08/21	25	ND<0.5	**2.72**	ND<100	ND<100	ND
Maximum Concentration			--	2.95	--	--	--
MSSL			100	1,000	1,000	10,000	--
DTSC-SL			--	--	--	--	Varies

Notes:

DTSC-SL = Department of Toxic Substances Control Screening Level, from *Human Health Risk Assessment (HHRA) Note, HERO HHRA NOTE NUMBER: 3, DTSC-modified Screening Levels (DTSC-SLs), June 2020 Update.*

MSSL for petroleum hydrocarbons calculated for sites with distance to groundwater from 20 to 150 feet (LARWQCB May 1996 Guidebook)

ft bgs = feet below ground surface

mg/kg = milligrams per kilogram

µg/kg = micrograms per kilogram

-- = Not Established/Not Applicable

MSSL = Maximum Soil Screening Level

LARWQCB = Los Angeles Regional Water Quality Control Board

ND = Not Detected above laboratory reporting limit

RSL = US EPA Regional Screening Level (*Regional Screening Level (RSL) Summary Table (TR=1E-06, HQ=1) November 2020*)

TPH-d = Total Petroleum Hydrocarbon, Diesel Range Organics

TPH-g = Total Petroleum Hydrocarbon, Gasoline Range Organics

TPH-o = Total Petroleum Hydrocarbon, Oil Range Organics

VOCs = Volatile Organic Compounds

Detections are noted in **bold**

Table 2: Title 22 Metals in Soil
Proposed Residential Property
319-327 N Harbor Blvd, San Pedro, California

Sample ID	Sample Date	Sample Depth (ft bgs)	EPA Method 6010B/7471A (mg/kg)																
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Mercury
B1-SS-5	04/08/21	5	ND<2	**4.93**	**107**	ND<1	ND<1	**27.4**	**11.4**	**22.7**	**9.20**	ND<1	**22.6**	ND<2	ND<1	ND<2	**50.2**	**59.0**	ND<0.1
B1-SS-15	04/08/21	15	ND<2	**2.10**	**82.2**	ND<1	ND<1	**12.6**	**5.05**	**7.32**	**2.89**	ND<1	**8.16**	ND<2	ND<1	ND<2	**22.5**	**24.0**	ND<0.1
B1-SS-25	04/08/21	25	ND<2	**3.64**	**518**	ND<1	**1.52**	**59.1**	**14.3**	**32.5**	**3.69**	**2.46**	**49.0**	ND<2	ND<1	**2.32**	**94.5**	**58.7**	ND<0.1
B2-SS-5	04/08/21	5	**2.66**	**3.65**	**131**	ND<1	ND<1	**18.1**	**6.80**	**24.8**	**184**	ND<1	**14.2**	ND<2	ND<1	ND<2	**33.9**	**133**	ND<0.1
B2-SS-15	04/08/21	15	ND<2	**3.76**	**111**	ND<1	ND<1	**17.9**	**7.18**	**14.4**	**3.74**	ND<1	**11.8**	ND<2	ND<1	ND<2	**31.9**	**32.9**	ND<0.1
B2-SS-25	04/08/21	25	ND<2	**3.69**	**75.1**	ND<1	ND<1	**16.5**	**7.13**	**13.2**	**3.63**	ND<1	**12.0**	ND<2	ND<1	ND<2	**32.5**	**32.1**	**0.145**
B3-SS-5	04/08/21	5	**4.14**	**4.63**	**409**	ND<1	**5.49**	**117**	**9.36**	**54.7**	**7.47**	**3.11**	**91.8**	ND<2	**1.12**	ND<2	**168**	**128**	**0.114**
B3-SS-15	04/08/21	15	ND<2	**3.22**	**418**	ND<1	**2.24**	**39.2**	**12.7**	**26.9**	**4.50**	**2.57**	**39.3**	ND<2	ND<1	ND<2	**68.1**	**51.1**	ND<0.1
B3-SS-25	04/08/21	25	ND<2	**4.40**	**483**	ND<1	**1.48**	**55.4**	**16.5**	**36.5**	**3.89**	**3.55**	**56.1**	ND<2	ND<1	ND<2	**104**	**64.9**	ND<0.1
B4-SS-5	04/08/21	5	ND<2	**2.67**	**85.8**	ND<1	ND<1	**13.2**	**5.2**	**9.09**	**4.19**	ND<1	**8.81**	ND<2	ND<1	ND<2	**23.6**	**26.1**	**0.114**
B4-SS-15	04/08/21	15	ND<2	**3.96**	**115**	ND<1	ND<1	**21.4**	**8.79**	**15.4**	**6.63**	ND<1	**14.5**	ND<2	ND<1	ND<2	**36.2**	**40.4**	ND<0.1
B4-SS-25	04/08/21	25	ND<2	**3.77**	**417**	ND<1	**2.28**	**38.5**	**12.1**	**28.2**	**10.3**	**1.87**	**37.7**	ND<2	ND<1	ND<2	**68.7**	**50.4**	ND<0.1
Maximum Concentration			4.14	4.93	518	--	5.49	117	16.5	54.7	184	3.55	91.8	--	1.12	2.32	168	133	0.145
Typical Range for California Soils[1]			0.15-1.95	0.6-11	133-1,400	0.25-2.7	0.05-1.7	23-1,579	2.7-46.9	9.1-96.4	12.4-97.1	0.1-9.6	9-509	0.015-0.430	0.1-8.3	0.17-1.1	39-288	88-236	0.1-0.9
Typical Upper Limit for California Soils[2]			5.5	19.1	323.6	1.0	2.7	99.6	22.2	69.4	16.1	4.8	119.8	5.6	1.8	7.6	74.3	106.1	0.4
Residential DTSC SL*			31	12[3]	15,000	16	71	--	23	3,100	80	390	820	390	390	0.78	390	23,000	1.0

Notes:

[1] = Typical background levels for California soils (Bradford et al, 1996).

[2] = 99% Upper Tolerance Limit (UTL) Concentrations (Lawrence Berkeley National Laboratory, 2009).

[3] = It is commonly understood and well documented that natural background concentrations of arsenic in soils are often well above DTSC SLs. DTSC has acknowledged that the strict use of RSLs is impractical and has set acceptable levels of arsenic in soil in the range of 8 to 12 mg/kg for school sites in California (Bradford et al, 1996).

* = For compounds without HERO Note 3 established screening levels, EPA Regional Screening Levels for Residential Soil (November 2020) were used instead. DTSC Residenital Soil Screening Level (Human and Ecological Risk Office [HERO]; HHRA Note 3, June 2020).

DTSC SL = Department of Toxic Substances Control Residenital Soil Screening Level

Detections are noted in **bold**

Detections exceeding screening levels are noted in **bold** and yellow highlight

-- = Not Established/Not Applicable

ft bgs = feet below ground surface

mg/kg = milligrams per kilogram

ND = Not Detected above laboratory reporting limit

RSL = US EPA Regional Screening Level (*Regional Screening Level (RSL) Summary Table (TR=1E-06, HQ=1) November 2020,* EPA)

Table 3: Total Petroleum Hydrocarbons and Volatile Organic Compounds in Groundwater
Proposed Residential Property
319-327 N Harbor Blvd, San Pedro, California

Sample ID	Sample Date	Sample Depth (ft bgs)	EPA Method 8015M (mg/L)				All EPA Method 8260B VOCs (µg/L)
			TPH-g (C4 - C12)	TPH-d (C13 - C22)	TPH-d (C23 - C32)	TPH-o (C33 - C36)	
B1-GW-34	04/09/21	34	ND<0.1	ND<0.5	ND<2.5	ND<10	ND
B2-GW-29	04/09/21	29	ND<0.1	**0.629**	ND<2.5	ND<10	ND
B3-GW-29	04/09/21	29	ND<0.1	**0.589**	ND<2.5	ND<10	ND
B4-GW-29	04/09/21	29	ND<0.1	ND<0.5	ND<2.5	ND<10	ND
Maximum Concentration			--	0.629	--	--	--
DTSC-SL			--	--	--	--	Varies

Notes:

DTSC-SL = Department of Toxic Substances Control Screening Level, from *Human Health Risk Assessment (HHRA) Note, HERO HHRA NOTE NUMBER: 3, DTSC-modified Screening Levels (DTSC-SLs), Release Date: June 2020 Update*.

ft bgs = feet below ground surface

mg/L = milligrams per Liter

µg/L = micrograms per Liter

ND = Not Detected above laboratory reporting limit

-- = Not Established/Not Applicable

TPH-d = Total Petroleum Hydrocarbon, Diesel Range Organics

TPH-g = Total Petroleum Hydrocarbon, Gasoline Range Organics

TPH-o = Total Petroleum Hydrocarbon, Oil Range Organics

VOCs = Volatile Organic Compounds

Detections are noted in **bold**

Table 4: Title 22 Metals in Groundwater
Proposed Residential Property
319-327 N Harbor Blvd, San Pedro, California

Sample ID	Sample Date	Sample Depth (ft bgs)	EPA Method 6010B/7471A (mg/L)																
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Mercury
B1-GW-34	04/09/21	34	ND<0.02	**0.122**	**6.31**	**0.005**	**0.010**	**0.481**	**0.145**	**0.397**	**0.110**	**0.069**	**0.339**	ND<0.02	ND<0.01	**0.012**	**0.791**	**0.778**	ND<0.001
B2-GW-29	04/09/21	29	**0.020**	**0.300**	**9.95**	**0.011**	**0.030**	**0.992**	**0.248**	**0.777**	**0.442**	**0.165**	**0.521**	ND<0.02	ND<0.01	**0.036**	**1.35**	**1.56**	**0.00236**
B3-GW-29	04/09/21	29	ND<0.02	**0.127**	**0.979**	ND<0.005	ND<0.005	**0.228**	**0.087**	**0.199**	**0.054**	**0.518**	**0.186**	ND<0.02	ND<0.01	ND<0.01	**0.370**	**0.481**	ND<0.001
B4-GW-29	04/09/21	29	**0.021**	**0.257**	**3.35**	**0.012**	**0.021**	**0.778**	**0.276**	**0.884**	**0.191**	**0.024**	**0.457**	ND<0.02	ND<0.01	**0.036**	**1.36**	**1.57**	**0.00274**
Maximum Concentration			0.021	0.300	9.95	0.012	0.03	0.992	0.276	0.884	0.442	0.518	0.521	--	--	0.036	1.36	1.57	0.00274
California MCL			0.006	0.01	1.0	0.004	0.005	0.05	--	1.3	0.015	--	0.1	0.05	--	0.002	--	--	0.002
Secondary MCLs			--	--	--	--	--	--	--	1.0	--	--	--	--	0.1	--	--	5.0	--

Notes:

ft bgs = feet below ground surface

MCL = Maximum Contaminant Level from the National Primary Drinking Water Regulations (NPDWR), August 2020 Update.

mg/L = milligrams per Liter

-- = Not Established/Not Applicable

ND = Not Detected above laboratory reporting limit

Detections are noted in **bold**

Detections exceeding MCLs are noted in **bold** and yellow highlight

Table 5: Volatile Organic Compounds in Soil Vapor
Proposed Residential Property
319-327 N Harbor Blvd, San Pedro, California

Sample ID	Sample Date	Sample Depth (ft bgs)	EPA Method 8260B (µg/l)								
			Tetrachloroethene (PCE)	Benzene	m,p-Xylene	o-Xylene	Ethylbenzene	Acetone	1,1,1,2-Tetrachloroethane	Cyclohexane	All other 8260B VOCs
B1-SV-5	04/08/21	5	ND<0.025	**0.0428**	ND<0.2	ND<0.15	ND<0.15	ND<1	ND<0.025	ND<0.1	ND
B1-SV-15	04/08/21	15	**0.0329**	**0.0343**	ND<0.2	ND<0.15	ND<0.15	ND<1	ND<0.025	**0.142**	ND
B2-SV-5	04/08/21	5	ND<0.025	**0.0351**	ND<0.2	ND<0.15	ND<0.15	ND<1	ND<0.025	ND<0.1	ND
B2-SV-15	04/08/21	15	ND<0.025	**0.0383**	ND<0.2	ND<0.15	ND<0.15	ND<1	ND<0.025	ND<0.1	ND
B3-SV-5	04/08/21	5	ND<0.025	**0.0358**	**0.248**	ND<0.15	ND<0.15	ND<1	ND<0.025	ND<0.1	ND
B3-SV-15	04/08/21	15	ND<0.025	**0.0384**	**0.447**	ND<0.15	**0.448**	ND<1	**1.85**	ND<0.1	ND
B4-SV-5	04/08/21	5	ND<0.025	**0.0342**	ND<0.2	ND<0.15	ND<0.15	ND<1	ND<0.025	ND<0.1	ND
B4-SV-15 (& DUP)	04/08/21	15	ND<0.025	**0.0330**	**3.44**	**0.863**	**0.840**	**1.89**	ND<0.025	ND<0.1	ND
Maximum Concentration			**0.0329**	**0.0428**	**3.44**	**0.863**	**0.840**	**1.89**	**1.85**	**0.142**	**--**
Calculated Residential SL (0.03 AF) [2]			**0.015**	**0.0032**	**3.33**	**3.33**	**0.037**	**1067**	**0.01**	**210**	**Varies**

Notes:

[1] DTSC Residential SL = Department of Toxic Substances Control Screening Level for Residential Air (Human and Ecological Risk Office [HERO]; HHRA Note 3, June 2020). For compounds without HERO Note 3 established screening levels, EPA Regional Screening Levels for Residential Air (November 2020) were used instead (noted with an asterisk *).

[2] Calculated residential screening level. Attenuation factor of 0.03 was applied to directly compare the soil vapor results to the residential screening levels for ambient air.

DUP = quality control duplicate (higher of the primary and duplicate values are shown)

ft bgs = feet below ground surface

µg/l = micrograms per liter

-- = Not Established/Not Applicable

ND = Not Detected above laboratory reporting limit

VOCs = Volatile Organic Compounds

Detections are noted in **bold**

Detections exceeding calculated screening levels are noted in **bold** and yellow highlight

APPENDIX A

BORING PERMIT

ENVIRONMENTAL HEALTH

Drinking Water Program

5050 Commerce Drive, Baldwin Park, CA 91706
Telephone: (626) 430-5420 • http://publichealth.lacounty.gov/eh/ep/dw/dw_main.htm

COUNTY OF LOS ANGELES
Public Health

Work Plan Approval

WORK SITE ADDRESS	CITY	ZIP	EMAIL ADDRESS
319-327 North Harbor Boulevard	San Pedro	90731	daniel.jablonski@EFIGlobal.com

NOTICE:

- WORK PLAN APPROVALS ARE VALID FOR 180 DAYS. 30 DAY EXTENSIONS OF WORK PLAN APPROVALS ARE CONSIDERED ON AN INDIVIDUAL (CASE-BY-CASE) BASIS AND MAY BE SUBJECT TO ADDITIONAL PLAN REVIEW FEES (HOURLY RATE AS APPLICABLE).
- WORK PLAN MODIFICATIONS MAY BE REQUIRED IF WELL AND GEOLOGIC CONDITIONS ENCOUNTERED AT THE SITE INSPECTION ARE FOUND TO DIFFER FROM THE SCOPE OF WORK PRESENTED TO THE DEPARTMENT OF PUBLIC HEALTH—DRINKING WATER PROGRAM.
- WORK PLAN APPROVALS ARE LIMITED TO COMPLIANCE WITH THE CALIFORNIA WELL STANDARDS AND THE LOS ANGELES COUNTY CODE AND DOES NOT GRANT ANY RIGHTS TO CONSTRUCT, RENOVATE, OR DECOMMISSION ANY WELL. THE APPLICANT IS RESPONSIBLE FOR SECURING ALL OTHER NECESSARY PERMITS SUCH AS WATER RIGHTS, PROPERTY RIGHTS, COASTAL COMMISSION APPROVALS, USE COVENANTS, ENCROACHMENT PERMISSIONS, UTILITY LINE SETBACKS, CITY/COUNTY PUBLIC WORKS RIGHTS OF WAY, ETC.
- THIS PERMIT IS NOT COMPLETE UNTIL ALL OF THE FOLLOWING REQUIREMENTS ARE SIGNED BY THE DEPUTY HEALTH OFFICER. WORK SHALL NOT BE INITIATED WITHOUT A WORK PLAN APPROVAL STAMPED BY THE DEPARTMENT OF PUBLIC HEALTH—DRINKING WATER PROGRAM.

TO BE COMPLETED BY DEPARTMENT OF PUBLIC HEALTH—DRINKING WATER PROGRAM:

X	WORK PLAN APPROVED FOR: 4 Soil Boring/Exp. Hole	**PERMIT NUMBER:**	SR0249256	**DATE:**	April 6, 2021

ADDITIONAL APPROVAL CONDITIONS:

- Work plan approval is issued for scope of work submitted to the Drinking Water Program. Any modifications to the scope of work will require additional work plan review.
- Ensure to backfill using a tremie pipe under pressure or equivalent equipment with cement grout, proceeding upward from the bottom of the boring/exploration hole.
- Sealing material must be mixed in accordance with the California Well Standards (Bulletins 74-81 and 74-90)
  - Cement grout mix ratio of 5-6 gallons of water per 94-pound bag of Portland cement.
  - Up to 6% of Bentonite may be added to the cement-based mix. The water demand of bentonite shall be considered when water is added to the mix.
  - Bentonite alone shall not be used as a sealing material.
- Borings/Exploration holes must comply with all applicable requirements published in the California Well Standards (Bulletins 74-81 and 74-90), Los Angeles County Code and all other applicable laws.

APPROVED BY:

Yonas Taye, REHS

Yon Taye

7115

APPENDIX B

BORING LOGS

efi global

BORING LOG

ID: B1

PAGE 1 OF 2

PROJECT NAME:	PROJECT NUMBER: 45.0606S	START TIME:	END TIME:
PROJECT ADDRESS: 319-327 N HARBOR BLVD, SAN Pedro	DATE(S) DRILLED: 4.8.21 / 4.9.21	DRILLING METHOD & RIG: DPT, TRACK	
DEPTH TO GROUNDWATER: FIRST: STATIC:	TERMINAL DEPTH: 40' / BOREHOLE DIAMETER: 2.25"	LOGGED BY: Eli O	DRILLING CONTRACTOR / DRILLER NAME: Chase Chris
SUGGESTED DESCRIPTION: 1. USCS Group Name (Symbol)/ Soil Type; 2. Grain Size; 3. Color; 4. Density(S/G) or Consistency (M/C); 5. Moisture; 6. Plasticity; 7. Features - i.e. mottling, micaceous; 8. Staining/ Odor	PID CAL GAS & DATE: Isobutylene 100 ppm Hexane ___ ppm	SAMPLING METHOD: Acetate liner + 5035	

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY
1030		B1-SS-2		X	2	0.1	SP	Poorly graded Sand with Silt and Gravel (SP): Fine Grained Sand; brown, loose; dry; FINE GRAVEL; no S/O
1040		B1-SS-5		X	5	0.1	SM	Silty Sand (SM): FINE GRAINED SAND; dk brown; Med dense; moist; micaceous; no S/O
1045		B1-SS-10		X	10	0.2	SP	Poorly graded SAND (SP) with Silt; FINE GRAINED SAND; Brown; med dense; moist; micaceous; no S/O
1050		B1-SS-15		X	15	0.2	SP	Poorly graded Sand with some Silt (SP): Fine Grained Sand; Brown; loose to med dense; moist; no S/O; micaceous
1055		B1-SS-20		X	20	0.1	CL	Clay ~~with Silt~~ (CL): SEE PAGE 2

COMPLETION

WELL SCREEN | PROBE TIP | DRY BENTONITE | SAND PACK | HYDRATED BENTONITE | BC - BLOW COUNT R - RECOVERY SI - SAMPLE INTERVAL

EFI Global
Engineering, Fire & Environmental Services

BORING LOG

ID: B1

LOGGED BY: EL: O | DATE: 4-8-21 / 4.9.21 | PAGE 2 OF 2

PROJECT NAME:

PROJECT ADDRESS: See Page 1

NOTES:

SUGGESTED DESCRIPTION:
1. USCS GROUP NAME (SYMBOL): 2. Color; 3. Moisture; 4. Density/consistency; 5. Plasticity 6. Grain/particle size; 7. Sorting; 8. -if- Coarse; 9. Features - i.e. mottling, micaceous; 10. Staining/odor

S/o = staining/odor

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					21			@20' CLAY: Dk Brown; moist; soft; med plasticity; no S/o	
					22				
					23				
					24				
4.8.21 1100 / 4.9.21		B1-SS-25	X		25	0.1	CL	@25' Clay: Dk Brown; moist; med stiff to stiff; med plasticity; no S/o	
					26			~~Resume~~ DRILLING IN STEP OUT LOCATION ON 4.9.21. RESUME LOGGING AT 30' BGS	
					27				
					28				
					29				
1230					30	0.1	ML	Silt: Dk Brown; med stiff; med plasticity; no S/o	
					31				
					32				
					33				
1400		B1-GW-34			34	0.2	▽	@34 encounter GW.	
1235					35		SM	Silty Sand (SM): Dk Brown; wet; loose; fine-grained sand; no S/o	
					36				
					37				
					38			Poorly Graded	
					39			Sand (SP): Dk Brown; wet; loose; fine-grained sand; no S/o	
1245					40	0.1	SP		

WELL SCREEN | PROBE TIP | DRY BENTONITE | SAND PACK | HYDRATED BENTONITE | BC - BLOW COUNT R - RECOVERY SI - SAMPLE INTERVAL

TD: 40' BGS IN STEP OUT LOCATION FOR GW SAMPLE + BACKFILL W/SLURRY/GROUT.

EFI Global
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BORING LOG

ID: B2

PROJECT NAME:	PROJECT NUMBER: 45.06065	START TIME:	END TIME:
PROJECT ADDRESS: 319-327 N HARBOR BLVD, SAN PEDRO	DATE(S) DRILLED: 4.8.21 / 4.9.21	DRILLING METHOD & RIG: DPT, TRACK	
DEPTH TO GROUNDWATER: FIRST: N/A STATIC:	TERMINAL DEPTH: ~~25~~ 35' / BOREHOLE DIAMETER: 2.75"	LOGGED BY: E. O	DRILLING CONTRACTOR / DRILLER NAME: CHOICE CHRIS
SUGGESTED DESCRIPTION: 1. USCS GROUP NAME (SYMBOL): 2. Color; 3. Moisture; 4. Density/consistency; 5. Plasticity 6. Grain/particle size; 7. Sorting; 8. -if- Coarse; 9. Features - i.e. mottling, micaceous; 10. Staining/odor	PID CAL GAS & DATE: Isobutylene 100 ppm Hexane ~~ppm~~		SAMPLING METHOD: ALLTAPE LINER / SOIL

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY
828		B2-SS-2		X	2	0.0	SP	Poorly Graded ~~Sand~~ with Silt and Gravel (SP); Brown; dry; loose; medium to FINE-GRAINED SAND; no S/O; FINE TO MED Gravel;
831		B2-SS-5		X	5	0.1	SP SM	Poorly Graded Sand with trace Gravel (SP); Brown; dry; loose; ~~med~~ fine to medium grained sand; Fine Gravel; no S/O
0840		B2-SS-10		X	10	0.1	SP	SAME AS ABOVE; no gravel; trace sea shells
0845		B2-SS-15		X	15	0.0	SP	SAME AS ABOVE; becomes Poorly Graded Sand with silt; no Gravel
0850		B2-SS-20		X	20	0.1	SM	Silty Sand (SM); Page 2

COMPLETION

WELL SCREEN | PROBE TIP | DRY BENTONITE | SAND PACK | HYDRATED BENTONITE | BC - BLOW COUNT R - RECOVERY SI - SAMPLE INTERVAL

EFI Global
Engineering, Fire & Environmental Services

BORING LOG

ID: B2

LOGGED BY: C. O

DATE: 4-8-21/4.9.21

PROJECT NAME: 45.06065

PROJECT ADDRESS: See PAGE 1

NOTES:

SUGGESTED DESCRIPTION:
1. USCS GROUP NAME (SYMBOL): 2. Color; 3. Moisture; 4. Density/consistency; 5. Plasticity 6. Grain/particle size; 7. Sorting; 8. -if- Coarse; 9. Features - i.e. mottling, micaceous; 10. Staining/odor

S/o = Staining odor

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					21			@20' Silty SAND (SM): brown; moist; med dense; FINE-GRAINED SAND; MICACEOUS; NO S/O	
					22				
					23				
					24				
4.8.21 0854		B2-SS-25	X		25	0.1	CL	Clay with trace Sand (CL): brown; moist; ~~med~~ soft to med stiff; medium plasticity; fine-grained sand; poorly graded; micaceous; no S/O	
4.9.21					26				
					27			RESUME DRILLING ON 4.9.21, RESUME LOGGING at 30' BGS	
					28			▽ encounter GW @28'	
1115		B2-GW-29			29				
0800			X		30	0.2	SP	Poorly Graded Sand (SP): FINE GRAINED SAND; DK GRAY; WET; loose; micaceous; no odor.	
					31				
					32				
					33				
					34				
0825					35	0.2	SP	~~SAME AS ABOVE~~ Poorly Graded Sand (SP): Brown; SAME AS ABOVE.	
					36			TD = 25' BGS IN BORING ON 4.8.2021	
					37			TD = 35' BGS IN STOPOUT FOR GROUNDWATER SAMPLE. BACKFILL W/ SLURRY/GROUT TO SURFACE.	
					38				
					39				
					40				

WELL SCREEN | PROBE TIP | DRY BENTONITE | SAND PACK | HYDRATED BENTONITE | BC - BLOW COUNT R - RECOVERY SI - SAMPLE INTERVAL

EFI Global
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BORING LOG

BORING ID: B3

PROJECT NUMBER: 415.0661

DATE(S) DRILLED: 4.8.21 / 4.9.21

PAGE 1 OF 2

PROJECT NAME:

LOGGED BY: EZ; O

START TIME:

END TIME:

PROJECT ADDRESS: 319-327 N HARBOR BLVD, SAN PEDRO, CA

DRILLING METHOD & RIG: DPT, truck n. g

DEPTH TO GROUNDWATER: ~~N/A~~ 20

TERMINAL DEPTH: ~~25~~ 20 ~~BGS~~

BOREHOLE DIAMETER: 2.75"

DRILLING CONTRACTOR / DRILLER NAME: CMOLEE / CMCIS

1. USCS GROUP NAME (SYMBOL): 2. Color; 3. Moisture; 4. Density/consistency; 5. Plasticity 6. Grain/particle size; 7. Sorting; 8. -if- Coarse; 9. Features - i.e. mottling, micaceous; 10. Staining/odor

PID CAL GAS and DATE: Isobutylene/Hexane 100 ppm FA ✓ span = 985

SAMPLING METHOD: Acetate / 5035

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY
0752		B3-SS-2		X	2	1.6	ML	Sandy Silt (ML): Brown; Dry; Med. ~~Dense~~ Stiff; Non plastic; Fine-grained sand; trace fine gravel
0755		B3-SS-5		X	5	0.0	ML	Same as above
0800		B3-SS-10		X	10	0.0	SP	Poorly Graded Sand (SP): dark yellowish brown; moist; loose; fine ~~grained~~ grained sand; micaceous; no staining or odor
805		B3-SS-15		X	15	0.0	SM	Silty sand (SM): dark brown; moist; loose; fine grained sand; micaceous; no staining/odor
0810		B3-SS-20		X	20	0.0	CL	Clay with silt and sand (CL): See page 2

COMPLETION

PROBE TIP | DRY BENTONITE | SAND PACK | HYDRATED BENTONITE

BC - BLOW COUNT R - RECOVERY SI - SAMPLE INTERVAL

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Engineering, Fire & Environmental Services

BORING LOG

ID: B3

LOGGED BY: E. O

DATE: 4-8-21 / 4.9.21

PROJECT NAME:

PROJECT ADDRESS: See Page 1

NOTES:

SUGGESTED DESCRIPTION:
1. USCS GROUP NAME (SYMBOL): 2. Color; 3. Moisture; 4. Density/consistency; 5. Plasticity 6. Grain/particle size; 7. Sorting; 8. -if- Coarse; 9. Features - i.e. mottling, micaceous; 10. Staining/odor (S/O)

S/O = Staining/odor

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					21			@20' CLAY with Silt and Sand; dark Brown; moist; MED PLASTICITY; trace fine grained sand; Micaceous; no S/O; Med. stiff	
					22				
					23				
					24				
0815		B3-SS-25		X	25	0.3	CL	CLAY with Silt (CL); dark Brown; moist; med to high plasticity; Med Stiff; ~~no~~ no S/O	
4.8.21 / 4.9.21					26				
					27			~~TD~~ = 25' BGS NO GW ENCOUNTERED	
1300		B3-GW-29			28		▽	BUILD TEMP PROBES @ 5' and 15' BGS 0.25" NYLAFLOW TUBING	
					29				
1000					30	0.1	SM	1" PROBE TIP 4.9.21 CONTINUE DRILLING IN STEP OUT ~5' NW, to GW. @28' encounter GW.	
					31				
					32			@30' (SM) Silty Sand; Dk Brown; ~~moist~~ wet; fine-grained loose; no S/O	
					33				
					34				
1005					35	0.1	SP	Poorly Graded Sand; dark brown; wet; loose; fine-grained; no S/O	
					36				
					37			TD = 35 ft BGS IN STEPOUT LOCATION, BACKFILL w/ SLURRY GROUT TO SURFACE AFTER SAMPLE COLLECTION	
					38				
					39				
					40				40

WELL SCREEN | PROBE TIP | DRY BENTONITE | SAND PACK | HYDRATED BENTONITE | BC - BLOW COUNT R - RECOVERY SI - SAMPLE INTERVAL

efi global

BORING LOG

ID: B4

PROJECT NAME:	PROJECT NUMBER: 45.0665	START TIME:	END TIME:
PROJECT ADDRESS: 319 - 327 N MARKET BLVD, San Pablo	DATE(S) DRILLED: 4.8.21 / 4.9.21	DRILLING METHOD & RIG: DPT / TRACK	
DEPTH TO GROUNDWATER: FIRST: STATIC: / TERMINAL DEPTH: 35' / BOREHOLE DIAMETER: 2.25"	LOGGED BY: E.C. O	DRILLING CONTRACTOR / DRILLER NAME: CMOLE / CHRIS	
SUGGESTED DESCRIPTION: 1. USCS Group Name (Symbol)/ Soil Type; 2. Grain Size; 3. Color; 4. Density(S/G) or Consistency (M/C); 5. Moisture; 6. Plasticity; 7. Features - i.e. mottling, micaceous; 8. Staining/ Odor	PID CAL GAS & DATE: Isobutylene 100 ppm Hexane ___ppm	SAMPLING METHOD: Acetate liner / 5035	

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY
					1			
930		B4-SS-2	X		2	0.0	SP	Poorly Graded SAND: FINE-GRAINED SAND, Brown; loose; dry; no s/o
					3			
					4			
933		B4-SS-5	X		5	0.0	SM/ML	Silty Sand to Sandy Silt (SM/ML): brown; moist; loose/ med. consistency; FINE-grained sand; low to non plastic; micaceous; no s/o
					6			
					7			
					8			
					9			
938		B4-SS-10	X		10	0.0	SP	Poorly Graded Sand (SP): FINE-GRAINED SAND; Brown to Yellowish brown; loose; moist; micaceous; no s/o
					11			
					12			
					13			
					14			
945		B4-SS-15	X		15	0.0	SM	Silty SAND (SM): FINE-GRAINED SAND; dk brown; loose; moist; micaceous; no s/o
					16			
					17			
					18			
					19			
955		B4-SS-20	X		20	0.1	ML	Silt with trace clay and sand; SEE PAGE 2

COMPLETION

WELL SCREEN | PROBE TIP | DRY BENTONITE | SAND PACK | HYDRATED BENTONITE | BC - BLOW COUNT R - RECOVERY SI - SAMPLE INTERVAL

EFI Global
Engineering, Fire & Environmental Services

BORING LOG

ID: B4

LOGGED BY: E.T. O.
DATE: 4.8.21 / 4.9.21

PROJECT NAME:
PROJECT ADDRESS: SEE PAGE 1

NOTES:

SUGGESTED DESCRIPTION:
1. USCS GROUP NAME (SYMBOL): 2. Color; 3. Moisture; 4. Density/consistency; 5. Plasticity 6. Grain/particle size; 7. Sorting; 8. -if- Coarse; 9. Features - i.e. mottling, micaceous; 10. Staining/odor

S/O = staining/odor

TIME	BC	SAMPLE ID	R	SI	DEPTH	PID	USCS	LITHOLOGY	COMPLETION
					21			@20' Silt with trace clay and sand (ML); dk brown; moist; med stiff; med plasticity; no S/O	
					22				
					23				
					24				
4.8.21 1008 / 4.9.21		B4-SS-25		X	25	0.1	CL	Clay with trace silt and sand (CL); moist; soft to med stiff; med to high plasticity; no S/O	
					26				
					27			▽ GW encountered at ~~27.5~~ 27'	
1330		B4-GW-29 ~~B4-GW29~~			28				
					29				
1130					30	0.3	SM	Silty Sand; dk brown to dk gray; wet; fine-grained sand; loose; no S/O	
					31				
					32				
					33				
					34				
1138					35	0.1	ML	Sandy Silt (ML); dk brown; wet; med stiff; med to low plasticity; fine-grained poorly graded sand; no S/O	
					36			TD = 35' IN STEPOUT FOR GROUNDWATER SAMPLE. BACKFILLED W/SLURRY GROUT TO SURFACE.	
					37			TD = 25' IN ORIGINAL SOIL/SOIL VAPOR LOCATION.	
					38				
					39				
					40				

WELL SCREEN | PROBE TIP | DRY BENTONITE | SAND PACK | HYDRATED BENTONITE | BC - BLOW COUNT R - RECOVERY SI - SAMPLE INTERVAL
Cement Bentonite Grout

APPENDIX C

LABORATORY ANALYTICAL REPORTS

POSITIVE
LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

April 19, 2021

Daniel Jablonski
EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Report No.: 2104082
Project Name: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Dear Daniel Jablonski,

This report contains the analytical results for the sample(s) received under chain of custody(s) by Positive Lab Service on April 08, 2021.

The test results in this report are performed in compliance with ELAP accreditation requirements for the certified parameters. The laboratory report may not be produced, except in full, without the written approval of the laboratory.

The issuance of the final Certificate of Analysis takes precedence over any previous Preliminary Report. Preliminary data should not be used for regulatory purposes. Authorized signature(s) is provided on final report only.

If you have any questions in reference to this report, please contact your Positive Lab Service coordinator.

Project Manager

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

File #:74354
Report Date: 04/19/21
Submitted: 04/08/21
PLS Report No.: 2104082

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Sample ID: B1-SS-5 Soil (2104082-01) Sampled: 04/08/21 10:40 Received: 04/08/21 15:30

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	04/13/21	04/13/21	lk	BD11323
Surrogate: a,a,a-Trifluorotoluene	*98.2 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*04/13/21*	*04/13/21*	*lk*	*BD11323*
Analyte	**Results**	**Flag**	**D.F.**	**Units**	**PQL**	**Prep/Test**	**Method**	**Prepared**	**Analyzed**	**By**	**Batch**
TPH C13 - C22	ND		1	mg/kg	2.50	EPA 3550C	EPA 8015M	04/14/21	04/14/21	rp	BD11517
TPH C23 - C32	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	04/14/21	04/14/21	rp	BD11517
TPH C33 - C36	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	04/14/21	04/14/21	rp	BD11517
Surrogate: n-Tetracosane	*101 %*			*51-138*		*EPA 3550C*	*EPA 8015M*	*04/14/21*	*04/14/21*	*rp*	*BD11517*
Analyte	**Results**	**Flag**	**D.F.**	**Units**	**PQL**	**Prep/Test**	**Method**	**Prepared**	**Analyzed**	**By**	**Batch**
Dichlorodifluoromethane (FC-12)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Chloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Vinyl chloride (Chloroethylene)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromomethane (Methyl bromide)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Chloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Trichlorofluoromethane (FC-11)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Ethanol	ND		1	ug/kg	500	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Carbon disulfide	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Methylene chloride (Dichloromethane)	ND		1	ug/kg	20.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Acetone	ND		1	ug/kg	80.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
trans-1,2-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Methyl tert-butyl ether (MTBE)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Tert-butyl alcohol	ND		1	ug/kg	20.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Di-isopropyl ether	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1-Dichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Ethyl tert-butyl ether	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Vinyl acetate	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2,2-Dichloropropane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
cis-1,2-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromochloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Chloroform	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Carbon tetrachloride	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1,1-Trichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1-Dichloropropene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2-Butanone (MEK)	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Benzene	ND		1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Tert-amyl methyl ether	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Trichloroethene (TCE)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Dibromomethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dichloropropane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromodichloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,4-Dioxane	ND		1	ug/kg	80.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2-Chloroethyl vinyl ether	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
cis-1,3-Dichloropropene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Toluene	ND		1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Tetrachloroethene (PCE)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
4-Methyl-2-pentanone (MIBK)	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328

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Certificate of Analysis

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

File #:74354
Report Date: 04/19/21
Submitted: 04/08/21
PLS Report No.: 2104082

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Sample ID: B1-SS-5 Soil (2104082-01) Sampled: 04/08/21 10:40 Received: 04/08/21 15:30

trans-1,3-Dichloropropene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1,2-Trichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Dibromochloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,3-Dichloropropane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dibromoethane (EDB)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2-Hexanone (MBK)	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Chlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Ethylbenzene	ND		1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1,1,2-Tetrachloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
m,p-Xylene	ND		1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
o-Xylene	ND		1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Styrene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromoform (Tribromomethane)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Isopropylbenzene (Cumene)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
n-Propylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1,2,2-Tetrachloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2-Chlorotoluene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2,3-Trichloropropane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,3,5-Trimethylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
4-Chlorotoluene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
tert-Butylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2,4-Trimethylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
sec-Butylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
4-Isopropyltoluene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,3-Dichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,4-Dichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
n-Butylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2,4-Trichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Hexachlorobutadiene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Naphthalene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2,3-Trichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Surrogate: Dibromofluoromethane	*100 %*			*68-120*		*EPA 5035*	*EPA 8260B*	*04/13/21*	*04/13/21*	*mb*	*BD11328*
Surrogate: Toluene-d8	*99.5 %*			*80-120*		*EPA 5035*	*EPA 8260B*	*04/13/21*	*04/13/21*	*mb*	*BD11328*
Surrogate: 4-Bromofluorobenzene	*102 %*			*76-121*		*EPA 5035*	*EPA 8260B*	*04/13/21*	*04/13/21*	*mb*	*BD11328*

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Arsenic	**4.93**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Barium	**107**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Cadmium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Chromium	**27.4**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Cobalt	**11.4**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Copper	**22.7**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Lead	**9.20**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Molybdenum	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Nickel	**22.6**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518

POSITIVE LAB SERVICE

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(213) 745-5312 FAX (213) 745-6372

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Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

File #:74354
Report Date: 04/19/21
Submitted: 04/08/21
PLS Report No.: 2104082

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Sample ID: B1-SS-5 Soil (2104082-01) Sampled: 04/08/21 10:40 Received: 04/08/21 15:30

Selenium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Thallium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Vanadium	**50.2**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Zinc	**59.0**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	04/14/21	04/14/21	vc	BD11512

Sample ID: B1-SS-15 Soil (2104082-02) Sampled: 04/08/21 10:50 Received: 04/08/21 15:30

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	04/13/21	04/13/21	lk	BD11323
Surrogate: a,a,a-Trifluorotoluene	*105 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*04/13/21*	*04/13/21*	*lk*	*BD11323*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C13 - C22	ND		1	mg/kg	2.50	EPA 3550C	EPA 8015M	04/14/21	04/16/21	rp	BD11517
TPH C23 - C32	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	04/14/21	04/16/21	rp	BD11517
TPH C33 - C36	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	04/14/21	04/16/21	rp	BD11517
Surrogate: n-Tetracosane	*139 %*			*51-138*		*EPA 3550C*	*EPA 8015M*	*04/14/21*	*04/16/21*	*rp*	*BD11517*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Dichlorodifluoromethane (FC-12)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Chloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Vinyl chloride (Chloroethylene)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromomethane (Methyl bromide)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Chloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Trichlorofluoromethane (FC-11)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Ethanol	ND		1	ug/kg	500	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Carbon disulfide	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Methylene chloride (Dichloromethane)	ND		1	ug/kg	20.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Acetone	ND		1	ug/kg	80.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
trans-1,2-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Methyl tert-butyl ether (MTBE)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Tert-butyl alcohol	ND		1	ug/kg	20.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Di-isopropyl ether	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1-Dichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Ethyl tert-butyl ether	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Vinyl acetate	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2,2-Dichloropropane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
cis-1,2-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromochloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Chloroform	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Carbon tetrachloride	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1,1-Trichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1-Dichloropropene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2-Butanone (MEK)	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Benzene	ND		1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Tert-amyl methyl ether	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Trichloroethene (TCE)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328

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Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Sample ID: B1-SS-15 Soil (2104082-02) Sampled: 04/08/21 10:50 Received: 04/08/21 15:30

Dibromomethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dichloropropane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromodichloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,4-Dioxane	ND		1	ug/kg	80.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2-Chloroethyl vinyl ether	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
cis-1,3-Dichloropropene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Toluene	ND		1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Tetrachloroethene (PCE)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
4-Methyl-2-pentanone (MIBK)	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
trans-1,3-Dichloropropene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1,2-Trichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Dibromochloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,3-Dichloropropane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dibromoethane (EDB)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2-Hexanone (MBK)	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Chlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Ethylbenzene	ND		1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1,1,2-Tetrachloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
m,p-Xylene	ND		1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
o-Xylene	ND		1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Styrene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromoform (Tribromomethane)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Isopropylbenzene (Cumene)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
n-Propylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1,2,2-Tetrachloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2-Chlorotoluene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2,3-Trichloropropane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,3,5-Trimethylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
4-Chlorotoluene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
tert-Butylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2,4-Trimethylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
sec-Butylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
4-Isopropyltoluene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,3-Dichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,4-Dichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
n-Butylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2,4-Trichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Hexachlorobutadiene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Naphthalene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2,3-Trichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Surrogate: Dibromofluoromethane	*102 %*			*68-120*		*EPA 5035*	*EPA 8260B*	*04/13/21*	*04/13/21*	*mb*	*BD11328*
Surrogate: Toluene-d8	*100 %*			*80-120*		*EPA 5035*	*EPA 8260B*	*04/13/21*	*04/13/21*	*mb*	*BD11328*
Surrogate: 4-Bromofluorobenzene	*101 %*			*76-121*		*EPA 5035*	*EPA 8260B*	*04/13/21*	*04/13/21*	*mb*	*BD11328*

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Arsenic	**2.10**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518

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PLS Report No.: 2104082

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Sample ID: B1-SS-15 Soil (2104082-02) Sampled: 04/08/21 10:50 Received: 04/08/21 15:30

Barium	**82.2**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Cadmium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Chromium	**12.6**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Cobalt	**5.05**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Copper	**7.32**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Lead	**2.89**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Molybdenum	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Nickel	**8.16**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Selenium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Thallium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Vanadium	**22.5**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Zinc	**24.0**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	04/14/21	04/14/21	vc	BD11512

Sample ID: B1-SS-25 Soil (2104082-03) Sampled: 04/08/21 11:00 Received: 04/08/21 15:30

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	04/13/21	04/13/21	lk	BD11323
Surrogate: a,a,a-Trifluorotoluene	*89.6 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*04/13/21*	*04/13/21*	*lk*	*BD11323*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C13 - C22	ND		1	mg/kg	2.50	EPA 3550C	EPA 8015M	04/14/21	04/16/21	rp	BD11517
TPH C23 - C32	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	04/14/21	04/16/21	rp	BD11517
TPH C33 - C36	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	04/14/21	04/16/21	rp	BD11517
Surrogate: n-Tetracosane	*135 %*			*51-138*		*EPA 3550C*	*EPA 8015M*	*04/14/21*	*04/16/21*	*rp*	*BD11517*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Dichlorodifluoromethane (FC-12)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Chloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Vinyl chloride (Chloroethylene)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromomethane (Methyl bromide)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Chloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Trichlorofluoromethane (FC-11)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Ethanol	ND		1	ug/kg	500	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Carbon disulfide	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Methylene chloride (Dichloromethane)	ND		1	ug/kg	20.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Acetone	ND		1	ug/kg	80.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
trans-1,2-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Methyl tert-butyl ether (MTBE)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Tert-butyl alcohol	ND		1	ug/kg	20.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Di-isopropyl ether	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1-Dichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Ethyl tert-butyl ether	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Vinyl acetate	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2,2-Dichloropropane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
cis-1,2-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromochloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

File #:74354
Report Date: 04/19/21
Submitted: 04/08/21
PLS Report No.: 2104082

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Sample ID: B1-SS-25 Soil (2104082-03) Sampled: 04/08/21 11:00 Received: 04/08/21 15:30

Chloroform	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Carbon tetrachloride	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1,1-Trichloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1-Dichloropropene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2-Butanone (MEK)	ND	1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Benzene	ND	1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Tert-amyl methyl ether	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dichloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Trichloroethene (TCE)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Dibromomethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dichloropropane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromodichloromethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,4-Dioxane	ND	1	ug/kg	80.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2-Chloroethyl vinyl ether	ND	1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
cis-1,3-Dichloropropene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Toluene	ND	1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Tetrachloroethene (PCE)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
4-Methyl-2-pentanone (MIBK)	ND	1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
trans-1,3-Dichloropropene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1,2-Trichloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Dibromochloromethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,3-Dichloropropane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dibromoethane (EDB)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2-Hexanone (MBK)	ND	1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Chlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Ethylbenzene	ND	1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1,1,2-Tetrachloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
m,p-Xylene	ND	1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
o-Xylene	ND	1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Styrene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromoform (Tribromomethane)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Isopropylbenzene (Cumene)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
n-Propylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1,2,2-Tetrachloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2-Chlorotoluene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2,3-Trichloropropane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,3,5-Trimethylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
4-Chlorotoluene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
tert-Butylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2,4-Trimethylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
sec-Butylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
4-Isopropyltoluene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,3-Dichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,4-Dichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
n-Butylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dibromo-3-chloropropane (DBCP)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2,4-Trichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Hexachlorobutadiene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328

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Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Sample ID: B1-SS-25 Soil (2104082-03) Sampled: 04/08/21 11:00 Received: 04/08/21 15:30

Naphthalene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2,3-Trichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Surrogate: Dibromofluoromethane	*106 %*			*68-120*		*EPA 5035*	*EPA 8260B*	*04/13/21*	*04/13/21*	*mb*	*BD11328*
Surrogate: Toluene-d8	*100 %*			*80-120*		*EPA 5035*	*EPA 8260B*	*04/13/21*	*04/13/21*	*mb*	*BD11328*
Surrogate: 4-Bromofluorobenzene	*100 %*			*76-121*		*EPA 5035*	*EPA 8260B*	*04/13/21*	*04/13/21*	*mb*	*BD11328*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Arsenic	**3.64**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Barium	**518**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Cadmium	**1.52**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Chromium	**59.1**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Cobalt	**14.3**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Copper	**32.5**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Lead	**3.69**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Molybdenum	**2.46**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Nickel	**49.0**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Selenium	NO		1	mg/kg	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Thallium	**2.32**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Vanadium	**94.5**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Zinc	**58.7**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	04/14/21	04/14/21	vc	BD11512

Sample ID: B2-SS-5 Soil (2104082-04) Sampled: 04/08/21 08:31 Received: 04/08/21 15:30

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	04/13/21	04/13/21	lk	BD11323
Surrogate: a,a,a-Trifluorotoluene	*86.8 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*04/13/21*	*04/13/21*	*lk*	*BD11323*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
TPH C13 - C22	**2.95**		1	mg/kg	2.50	EPA 3550C	EPA 8015M	04/14/21	04/16/21	rp	BD11517
TPH C23 - C32	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	04/14/21	04/16/21	rp	BD11517
TPH C33 - C36	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	04/14/21	04/16/21	rp	BD11517
Surrogate: n-Tetracosane	*115 %*			*51-138*		*EPA 3550C*	*EPA 8015M*	*04/14/21*	*04/16/21*	*rp*	*BD11517*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
Dichlorodifluoromethane (FC-12)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Chloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Vinyl chloride (Chloroethylene)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromomethane (Methyl bromide)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Chloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Trichlorofluoromethane (FC-11)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Ethanol	ND		1	ug/kg	500	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Carbon disulfide	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Methylene chloride (Dichloromethane)	ND		1	ug/kg	20.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Acetone	ND		1	ug/kg	80.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
trans-1,2-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328

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Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Sample ID: B2-SS-5 Soil (2104082-04) Sampled: 04/08/21 08:31 Received: 04/08/21 15:30

Methyl tert-butyl ether (MTBE)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Tert-butyl alcohol	ND	1	ug/kg	20.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Di-isopropyl ether	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1-Dichloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Ethyl tert-butyl ether	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Vinyl acetate	ND	1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2,2-Dichloropropane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
cis-1,2-Dichloroethene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromochloromethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Chloroform	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Carbon tetrachloride	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1,1-Trichloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1-Dichloropropene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2-Butanone (MEK)	ND	1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Benzene	ND	1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Tert-amyl methyl ether	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dichloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Trichloroethene (TCE)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Dibromomethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dichloropropane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromodichloromethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,4-Dioxane	ND	1	ug/kg	80.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2-Chloroethyl vinyl ether	ND	1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
cis-1,3-Dichloropropene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Toluene	ND	1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Tetrachloroethene (PCE)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
4-Methyl-2-pentanone (MIBK)	ND	1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
trans-1,3-Dichloropropene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1,2-Trichloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Dibromochloromethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,3-Dichloropropane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dibromoethane (EDB)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2-Hexanone (MBK)	ND	1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Chlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Ethylbenzene	ND	1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1,1,2-Tetrachloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
m,p-Xylene	ND	1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
o-Xylene	ND	1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Styrene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromoform (Tribromomethane)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Isopropylbenzene (Cumene)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
n-Propylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1,2,2-Tetrachloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2-Chlorotoluene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2,3-Trichloropropane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,3,5-Trimethylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
4-Chlorotoluene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
tert-Butylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2,4-Trimethylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328

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File #:743S4
Report Date: 04/19/21
Submitted: 04/08/21
PLS Report No.: 2104082

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Sample ID: B2-SS-5 Soil (2104082-04) Sampled: 04/08/21 08:31 Received: 04/08/21 15:30

sec-Butylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
4-Isopropyltoluene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,3-Dichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,4-Dichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
n-Butylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2,4-Trichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Hexachlorobutadiene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Naphthalene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2,3-Trichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Surrogate: Dibromofluoromethane	*101 %*			*68-120*		*EPA 5035*	*EPA 8260B*	*04/13/21*	*04/13/21*	*mb*	*BD11328*
Surrogate: Toluene-d8	*101 %*			*80-120*		*EPA 5035*	*EPA 8260B*	*04/13/21*	*04/13/21*	*mb*	*BD11328*
Surrogate: 4-Bromofluorobenzene	*104 %*			*76-121*		*EPA 5035*	*EPA 8260B*	*04/13/21*	*04/13/21*	*mb*	*BD11328*

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
Antimony	**2.66**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Arsenic	**3.65**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Barium	**131**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Cadmium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Chromium	**18.1**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Cobalt	**6.80**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Copper	**24.8**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Lead	**184**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Molybdenum	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Nickel	**14.2**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Selenium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Thallium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Vanadium	**33.9**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Zinc	**133**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	04/14/21	04/14/21	vc	BD11512

Sample ID: B2-SS-15 Soil (2104082-05) Sampled: 04/08/21 08:45 Received: 04/08/21 15:30

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	04/13/21	04/13/21	lk	BD11323
Surrogate: a,a,a-Trifluorotoluene	*91.6 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*04/13/21*	*04/13/21*	*lk*	*BD11323*

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
TPH C13 - C22	ND		1	mg/kg	2.50	EPA 3550C	EPA 8015M	04/14/21	04/15/21	rp	BD11517
TPH C23 - C32	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	04/14/21	04/15/21	rp	BD11517
TPH C33 - C36	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	04/14/21	04/15/21	rp	BD11517
Surrogate: n-Tetracosane	*96.2 %*			*51-138*		*EPA 3550C*	*EPA 8015M*	*04/14/21*	*04/15/21*	*rp*	*BD11517*

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
Dichlorodifluoromethane (FC-12)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Chloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Vinyl chloride (Chloroethylene)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328

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Certificate of Analysis

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

File #:74354
Report Date: 04/19/21
Submitted: 04/08/21
PLS Report No.: 2104082

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Sample ID: B2-SS-15 Soil (2104082-05) Sampled: 04/08/21 08:45 Received: 04/08/21 15:30

Bromomethane (Methyl bromide)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Chloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Trichlorofluoromethane (FC-11)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Ethanol	ND	1	ug/kg	500	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1-Dichloroethene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Carbon disulfide	ND	1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Methylene chloride (Dichloromethane)	ND	1	ug/kg	20.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Acetone	ND	1	ug/kg	80.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
trans-1,2-Dichloroethene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Methyl tert-butyl ether (MTBE)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Tert-butyl alcohol	ND	1	ug/kg	20.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Di-isopropyl ether	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1-Dichloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Ethyl tert-butyl ether	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Vinyl acetate	ND	1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2,2-Dichloropropane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
cis-1,2-Dichloroethene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromochloromethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Chloroform	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Carbon tetrachloride	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1,1-Trichloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1-Dichloropropene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2-Butanone (MEK)	ND	1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Benzene	ND	1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Tert-amyl methyl ether	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dichloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Trichloroethene (TCE)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Dibromomethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dichloropropane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromodichloromethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,4-Dioxane	ND	1	ug/kg	80.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2-Chloroethyl vinyl ether	ND	1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
cis-1,3-Dichloropropene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Toluene	ND	1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Tetrachloroethene (PCE)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
4-Methyl-2-pentanone (MIBK)	ND	1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
trans-1,3-Dichloropropene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1,2-Trichloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Dibromochloromethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,3-Dichloropropane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dibromoethane (EDB)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2-Hexanone (MBK)	ND	1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Chlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Ethylbenzene	ND	1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1,1,2-Tetrachloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
m,p-Xylene	ND	1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
o-Xylene	ND	1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Styrene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromoform (Tribromomethane)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Isopropylbenzene (Cumene)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328

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File #:74354
Report Date: 04/19/21
Submitted: 04/08/21
PLS Report No.: 2104082

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Sample ID: B2-SS-15 Soil (2104082-05) Sampled: 04/08/21 08:45 Received: 04/08/21 15:30

Bromobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
n-Propylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1,2,2-Tetrachloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2-Chlorotoluene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2,3-Trichloropropane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,3,5-Trimethylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
4-Chlorotoluene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
tert-Butylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2,4-Trimethylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
sec-Butylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
4-Isopropyltoluene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,3-Dichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,4-Dichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
n-Butylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2,4-Trichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Hexachlorobutadiene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Naphthalene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2,3-Trichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Surrogate: Dibromofluoromethane	*101 %*			*68-120*		*EPA 5035*	*EPA 8260B*	*04/13/21*	*04/13/21*	*mb*	*BD11328*
Surrogate: Toluene-d8	*99.5 %*			*80-120*		*EPA 5035*	*EPA 8260B*	*04/13/21*	*04/13/21*	*mb*	*BD11328*
Surrogate: 4-Bromofluorobenzene	*104 %*			*76-121*		*EPA 5035*	*EPA 8260B*	*04/13/21*	*04/13/21*	*mb*	*BD11328*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Arsenic	**3.76**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Barium	**111**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Cadmium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Chromium	**17.9**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Cobalt	**7.18**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Copper	**14.4**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Lead	**3.74**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Molybdenum	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Nickel	**11.8**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Selenium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Thallium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Vanadium	**31.9**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Zinc	**32.9**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	04/14/21	04/14/21	vc	BD11512

Sample ID: B2-SS-25 Soil (2104082-06) Sampled: 04/08/21 08:54 Received: 04/08/21 15:30

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	04/13/21	04/13/21	lk	BD11323
Surrogate: a,a,a-Trifluorotoluene	*92.4 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*04/13/21*	*04/13/21*	*lk*	*BD11323*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch

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File #:74354
Report Date: 04/19/21
Submitted: 04/08/21
PLS Report No.: 2104082

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Sample ID: B2-SS-25 Soil (2104082-06) Sampled: 04/08/21 08:54 Received: 04/08/21 15:30

TPH C13 - C22	ND		1	mg/kg	2.50	EPA 3550C	EPA 8015M	04/14/21	04/15/21	rp	BD11517
TPH C23 - C32	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	04/14/21	04/15/21	rp	BD11517
TPH C33 - C36	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	04/14/21	04/15/21	rp	BD11517
Surrogate: n-Tetracosane	*105 %*			*51-138*		*EPA 3550C*	*EPA 8015M*	*04/14/21*	*04/15/21*	*rp*	*BD11517*

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
Dichlorodifluoromethane (FC-12)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Chloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Vinyl chloride (Chloroethylene)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromomethane (Methyl bromide)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Chloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Trichlorofluoromethane (FC-11)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Ethanol	ND		1	ug/kg	500	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Carbon disulfide	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Methylene chloride (Dichloromethane)	ND		1	ug/kg	20.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Acetone	ND		1	ug/kg	80.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
trans-1,2-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Methyl tert-butyl ether (MTBE)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Tert-butyl alcohol	ND		1	ug/kg	20.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Di-isopropyl ether	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1-Dichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Ethyl tert-butyl ether	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Vinyl acetate	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2,2-Dichloropropane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
cis-1,2-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromochloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Chloroform	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Carbon tetrachloride	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1,1-Trichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1-Dichloropropene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2-Butanone (MEK)	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Benzene	ND		1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Tert-amyl methyl ether	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Trichloroethene (TCE)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Dibromomethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dichloropropane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromodichloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,4-Dioxane	ND		1	ug/kg	80.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2-Chloroethyl vinyl ether	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
cis-1,3-Dichloropropene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Toluene	ND		1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Tetrachloroethene (PCE)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
4-Methyl-2-pentanone (MIBK)	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
trans-1,3-Dichloropropene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1,2-Trichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Dibromochloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,3-Dichloropropane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dibromoethane (EDB)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328

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File #:74354
Report Date: 04/19/21
Submitted: 04/08/21
PLS Report No.: 2104082

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Sample ID: B2-SS-25 Soil (2104082-06) Sampled: 04/08/21 08:54 Received: 04/08/21 15:30

2-Hexanone (MBK)	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Chlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Ethylbenzene	ND		1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1,1,2-Tetrachloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
m,p-Xylene	ND		1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
o-Xylene	ND		1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Styrene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromoform (Tribromomethane)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Isopropylbenzene (Cumene)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
n-Propylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1,2,2-Tetrachloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2-Chlorotoluene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2,3-Trichloropropane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,3,5-Trimethylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
4-Chlorotoluene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
tert-Butylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2,4-Trimethylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
sec-Butylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
4-Isopropyltoluene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,3-Dichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,4-Dichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
n-Butylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2,4-Trichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Hexachlorobutadiene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Naphthalene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2,3-Trichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Surrogate: Dibromofluoromethane	*104 %*			*68-120*		*EPA 5035*	*EPA 8260B*	*04/13/21*	*04/13/21*	*mb*	*BD11328*
Surrogate: Toluene-d8	*99.4 %*			*80-120*		*EPA 5035*	*EPA 8260B*	*04/13/21*	*04/13/21*	*mb*	*BD11328*
Surrogate: 4-Bromofluorobenzene	*104 %*			*76-121*		*EPA 5035*	*EPA 8260B*	*04/13/21*	*04/13/21*	*mb*	*BD11328*

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Arsenic	**3.69**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Barium	**75.1**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Cadmium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Chromium	**16.5**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Cobalt	**7.13**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Copper	**13.2**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Lead	**3.63**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Molybdenum	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Nickel	**12.0**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Selenium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Thallium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Vanadium	**32.5**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Zinc	**32.1**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518

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PLS Report No.: 2104082

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Sample ID: B2-SS-25 Soil (2104082-06) Sampled: 04/08/21 08:54 Received: 04/08/21 15:30

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
Mercury	**0.145**		1	mg/kg	0.100	EPA 7471A	EPA 7471A	04/14/21	04/14/21	vc	BD11512

Sample ID: B3-SS-5 Soil (2104082-07) Sampled: 04/08/21 07:55 Received: 04/08/21 15:30

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	04/13/21	04/13/21	lk	BD11323
Surrogate: a,a,a-Trifluorotoluene	*93.2 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*04/13/21*	*04/13/21*	*lk*	*BD11323*

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
TPH C13 - C22	ND		1	mg/kg	2.50	EPA 3550C	EPA 8015M	04/14/21	04/16/21	rp	BD11517
TPH C23 - C32	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	04/14/21	04/16/21	rp	BD11517
TPH C33 - C36	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	04/14/21	04/16/21	rp	BD11517
Surrogate: n-Tetracosane	*124 %*			*51-138*		*EPA 3550C*	*EPA 8015M*	*04/14/21*	*04/16/21*	*rp*	*BD11517*

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
Dichlorodifluoromethane (FC-12)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Chloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Vinyl chloride (Chloroethylene)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromomethane (Methyl bromide)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Chloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Trichlorofluoromethane (FC-11)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Ethanol	ND		1	ug/kg	500	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Carbon disulfide	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Methylene chloride (Dichloromethane)	ND		1	ug/kg	20.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Acetone	ND		1	ug/kg	80.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
trans-1,2-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Methyl tert-butyl ether (MTBE)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Tert-butyl alcohol	ND		1	ug/kg	20.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Di-isopropyl ether	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1-Dichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Ethyl tert-butyl ether	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Vinyl acetate	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2,2-Dichloropropane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
cis-1,2-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromochloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Chloroform	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Carbon tetrachloride	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1,1-Trichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1-Dichloropropene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2-Butanone (MEK)	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Benzene	ND		1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Tert-amyl methyl ether	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Trichloroethene (TCE)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Dibromomethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dichloropropane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromodichloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,4-Dioxane	ND		1	ug/kg	80.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2-Chloroethyl vinyl ether	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328

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File #:74354
Report Date: 04/19/21
Submitted: 04/08/21
PLS Report No.: 2104082

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Sample ID: B3-SS-5 Soil (2104082-07) Sampled: 04/08/21 07:55 Received: 04/08/21 15:30

cis-1,3-Dichloropropene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Toluene	ND		1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Tetrachloroethene (PCE)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
4-Methyl-2-pentanone (MIBK)	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
trans-1,3-Dichloropropene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1,2-Trichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Dibromochloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,3-Dichloropropane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dibromoethane (EDB)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2-Hexanone (MBK)	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Chlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Ethylbenzene	ND		1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1,1,2-Tetrachloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
m,p-Xylene	ND		1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
o-Xylene	ND		1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Styrene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromoform (Tribromomethane)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Isopropylbenzene (Cumene)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
n-Propylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1,2,2-Tetrachloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2-Chlorotoluene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2,3-Trichloropropane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,3,5-Trimethylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
4-Chlorotoluene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
tert-Butylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2,4-Trimethylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
sec-Butylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
4-Isopropyltoluene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,3-Dichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,4-Dichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
n-Butylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2,4-Trichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Hexachlorobutadiene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Naphthalene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2,3-Trichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Surrogate: Dibromofluoromethane	*99.7 %*			*68-120*		*EPA 5035*	*EPA 8260B*	*04/13/21*	*04/13/21*	*mb*	*BD11328*
Surrogate: Toluene-d8	*99.7 %*			*80-120*		*EPA 5035*	*EPA 8260B*	*04/13/21*	*04/13/21*	*mb*	*BD11328*
Surrogate: 4-Bromofluorobenzene	*104 %*			*76-121*		*EPA 5035*	*EPA 8260B*	*04/13/21*	*04/13/21*	*mb*	*BD11328*

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	**4.14**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Arsenic	**4.63**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Barium	**409**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Cadmium	**5.49**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Chromium	**117**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Cobalt	**9.36**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518

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Los Angeles, CA 90045

File #:74354
Report Date: 04/19/21
Submitted: 04/08/21
PLS Report No.: 2104082

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Sample ID: B3-SS-S Soil (2104082-07) Sampled: 04/08/21 07:55 Received: 04/08/21 15:30

Copper	**54.7**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Lead	**7.47**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Molybdenum	**3.11**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Nickel	**91.8**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Selenium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Silver	**1.12**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Thallium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Vanadium	**168**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Zinc	**128**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	**0.114**		1	mg/kg	0.100	EPA 7471A	EPA 7471A	04/14/21	04/14/21	vc	BD11512

Sample ID: B3-SS-15 Soil (2104082-08) Sampled: 04/08/21 08:05 Received: 04/08/21 15:30

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	04/13/21	04/13/21	lk	BD11323
Surrogate: a,a,a-Trifluorotoluene	*88.1 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*04/13/21*	*04/13/21*	*lk*	*BD11323*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C13 - C22	ND		1	mg/kg	2.50	EPA 3550C	EPA 8015M	04/14/21	04/15/21	rp	BD11517
TPH C23 - C32	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	04/14/21	04/15/21	rp	BD11517
TPH C33 - C36	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	04/14/21	04/15/21	rp	BD11517
Surrogate: n-Tetracosane	*127 %*			*51-138*		*EPA 3550C*	*EPA 8015M*	*04/14/21*	*04/15/21*	*rp*	*BD11517*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Dichlorodifluoromethane (FC-12)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Chloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Vinyl chloride (Chloroethylene)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromomethane (Methyl bromide)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Chloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Trichlorofluoromethane (FC-11)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Ethanol	ND		1	ug/kg	500	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Carbon disulfide	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Methylene chloride (Dichloromethane)	ND		1	ug/kg	20.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Acetone	ND		1	ug/kg	80.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
trans-1,2-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Methyl tert-butyl ether (MTBE)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Tert-butyl alcohol	ND		1	ug/kg	20.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Di-isopropyl ether	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1-Dichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Ethyl tert-butyl ether	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Vinyl acetate	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2,2-Dichloropropane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
cis-1,2-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromochloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Chloroform	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Carbon tetrachloride	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1,1-Trichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1-Dichloropropene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2-Butanone (MEK)	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328

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PLS Report No.: 2104082

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Sample ID: B3-SS-15 Soil (2104082-08) Sampled: 04/08/21 08:05 Received: 04/08/21 15:30

Benzene	ND	1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Tert-amyl methyl ether	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dichloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Trichloroethene (TCE)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Dibromomethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dichloropropane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromodichloromethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,4-Dioxane	ND	1	ug/kg	80.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2-Chloroethyl vinyl ether	ND	1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
cis-1,3-Dichloropropene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Toluene	ND	1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Tetrachloroethene (PCE)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
4-Methyl-2-pentanone (MIBK)	ND	1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
trans-1,3-Dichloropropene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1,2-Trichloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Dibromochloromethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,3-Dichloropropane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dibromoethane (EDB)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2-Hexanone (MBK)	ND	1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Chlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Ethylbenzene	ND	1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1,1,2-Tetrachloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
m,p-Xylene	ND	1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
o-Xylene	ND	1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Styrene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromoform (Tribromomethane)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Isopropylbenzene (Cumene)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
n-Propylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1,2,2-Tetrachloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2-Chlorotoluene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2,3-Trichloropropane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,3,5-Trimethylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
4-Chlorotoluene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
tert-Butylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2,4-Trimethylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
sec-Butylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
4-Isopropyltoluene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,3-Dichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,4-Dichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
n-Butylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dibromo-3-chloropropane (DBCP)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2,4-Trichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Hexachlorobutadiene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Naphthalene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2,3-Trichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Surrogate: Dibromofluoromethane	*103 %*		*68-120*		*EPA 5035*	*EPA 8260B*	*04/13/21*	*04/13/21*	*mb*	*BD11328*
Surrogate: Toluene-d8	*99.3 %*		*80-120*		*EPA 5035*	*EPA 8260B*	*04/13/21*	*04/13/21*	*mb*	*BD11328*

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

File #:74354
Report Date: 04/19/21
Submitted: 04/08/21
PLS Report No.: 2104082

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Sample ID: B3-SS-15 Soil (2104082-08) Sampled: 04/08/21 08:05 Received: 04/08/21 15:30

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
Surrogate: 4-Bromofluorobenzene	*99.5 %*			*76-121*		*EPA 5035*	*EPA 8260B*	*04/13/21*	*04/13/21*	*mb*	*BD11328*
Antimony	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Arsenic	**3.22**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Barium	**418**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Cadmium	**2.24**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Chromium	**39.2**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Cobalt	**12.7**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Copper	**26.9**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Lead	**4.50**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Molybdenum	**2.57**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Nickel	**39.3**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Selenium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Thallium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Vanadium	**68.1**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Zinc	**51.1**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	04/14/21	04/14/21	vc	BD11512

Sample ID: B3-SS-25 Soil (2104082-09) Sampled: 04/08/21 08:15 Received: 04/08/21 15:30

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	04/13/21	04/13/21	lk	BD11323
Surrogate: a,a,a-Trifluorotoluene	*88.7 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*04/13/21*	*04/13/21*	*lk*	*BD11323*
TPH C13 - C22	ND		1	mg/kg	2.50	EPA 3550C	EPA 8015M	04/14/21	04/15/21	rp	BD11517
TPH C23 - C32	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	04/14/21	04/15/21	rp	BD11517
TPH C33 - C36	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	04/14/21	04/15/21	rp	BD11517
Surrogate: n-Tetracosane	*92.3 %*			*51-138*		*EPA 3550C*	*EPA 8015M*	*04/14/21*	*04/15/21*	*rp*	*BD11517*
Dichlorodifluoromethane (FC-12)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Chloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Vinyl chloride (Chloroethylene)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromomethane (Methyl bromide)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Chloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Trichlorofluoromethane (FC-11)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Ethanol	ND		1	ug/kg	500	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Carbon disulfide	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Methylene chloride (Dichloromethane)	ND		1	ug/kg	20.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Acetone	ND		1	ug/kg	80.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
trans-1,2-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Methyl tert-butyl ether (MTBE)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Tert-butyl alcohol	ND		1	ug/kg	20.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Di-isopropyl ether	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1-Dichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Ethyl tert-butyl ether	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328

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Certificate of Analysis

File #:74354
Report Date: 04/19/21
Submitted: 04/08/21
PLS Report No.: 2104082

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Sample ID: B3-SS-25 Soil (2104082-09) Sampled: 04/08/21 08:15 Received: 04/08/21 15:30

Vinyl acetate	ND	1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2,2-Dichloropropane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
cis-1,2-Dichloroethene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromochloromethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Chloroform	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Carbon tetrachloride	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1,1-Trichloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1-Dichloropropene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2-Butanone (MEK)	ND	1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Benzene	ND	1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Tert-amyl methyl ether	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dichloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Trichloroethene (TCE)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Dibromomethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dichloropropane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromodichloromethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,4-Dioxane	ND	1	ug/kg	80.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2-Chloroethyl vinyl ether	ND	1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
cis-1,3-Dichloropropene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Toluene	ND	1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Tetrachloroethene (PCE)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
4-Methyl-2-pentanone (MIBK)	ND	1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
trans-1,3-Dichloropropene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1,2-Trichloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Dibromochloromethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,3-Dichloropropane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dibromoethane (EDB)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2-Hexanone (MBK)	ND	1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Chlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Ethylbenzene	ND	1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1,1,2-Tetrachloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
m,p-Xylene	ND	1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
o-Xylene	ND	1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Styrene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromoform (Tribromomethane)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Isopropylbenzene (Cumene)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
n-Propylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1,2,2-Tetrachloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2-Chlorotoluene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2,3-Trichloropropane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,3,5-Trimethylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
4-Chlorotoluene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
tert-Butylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2,4-Trimethylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
sec-Butylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
4-Isopropyltoluene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,3-Dichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,4-Dichlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
n-Butylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328

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File #:74354
Report Date: 04/19/21
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PLS Report No.: 2104082

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Sample ID: B3-SS-25 Soil (2104082-09) Sampled: 04/08/21 08:15 Received: 04/08/21 15:30

1,2-Dichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2,4-Trichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Hexachlorobutadiene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Naphthalene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2,3-Trichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Surrogate: Dibromofluoromethane	*98.5 %*			*68-120*		*EPA 5035*	*EPA 8260B*	*04/13/21*	*04/13/21*	*mb*	*BD11328*
Surrogate: Toluene-d8	*99.3 %*			*80-120*		*EPA 5035*	*EPA 8260B*	*04/13/21*	*04/13/21*	*mb*	*BD11328*
Surrogate: 4-Bromofluorobenzene	*104 %*			*76-121*		*EPA 5035*	*EPA 8260B*	*04/13/21*	*04/13/21*	*mb*	*BD11328*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Arsenic	**4.40**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Barium	**483**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Cadmium	**1.48**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Chromium	**55.4**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Cobalt	**16.5**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Copper	**36.5**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Lead	**3.89**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Molybdenum	**3.55**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Nickel	**56.1**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Selenium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Thallium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Vanadium	**104**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Zinc	**64.9**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	04/14/21	04/14/21	vc	BD11512

Sample ID: B4-SS-5 Soil (2104082-10) Sampled: 04/08/21 09:33 Received: 04/08/21 15:30

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	04/13/21	04/13/21	lk	BD11323
Surrogate: a,a,a-Trifluorotoluene	*95.9 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*04/13/21*	*04/13/21*	*lk*	*BD11323*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
TPH C13 - C22	ND		1	mg/kg	2.50	EPA 3550C	EPA 8015M	04/14/21	04/15/21	rp	BD11517
TPH C23 - C32	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	04/14/21	04/15/21	rp	BD11517
TPH C33 - C36	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	04/14/21	04/15/21	rp	BD11517
Surrogate: n-Tetracosane	*106 %*			*51-138*		*EPA 3550C*	*EPA 8015M*	*04/14/21*	*04/15/21*	*rp*	*BD11517*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
Dichlorodifluoromethane (FC-12)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Chloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Vinyl chloride (Chloroethylene)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromomethane (Methyl bromide)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Chloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Trichlorofluoromethane (FC-11)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Ethanol	ND		1	ug/kg	500	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328

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781 East Washington Blvd., Los Angeles, CA 90021
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Certificate of Analysis

File #:74354
Report Date: 04/19/21
Submitted: 04/08/21
PLS Report No.: 2104082

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Sample ID: B4-SS-5 Soil (2104082-10) Sampled: 04/08/21 09:33 Received: 04/08/21 15:30

Carbon disulfide	ND	1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Methylene chloride (Dichloromethane)	ND	1	ug/kg	20.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Acetone	ND	1	ug/kg	80.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
trans-1,2-Dichloroethene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Methyl tert-butyl ether (MTBE)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Tert-butyl alcohol	ND	1	ug/kg	20.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Di-isopropyl ether	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1-Dichloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Ethyl tert-butyl ether	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Vinyl acetate	ND	1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2,2-Dichloropropane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
cis-1,2-Dichloroethene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromochloromethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Chloroform	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Carbon tetrachloride	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1,1-Trichloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1-Dichloropropene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2-Butanone (MEK)	ND	1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Benzene	ND	1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Tert-amyl methyl ether	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dichloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Trichloroethene (TCE)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Dibromomethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dichloropropane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromodichloromethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,4-Dioxane	ND	1	ug/kg	80.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2-Chloroethyl vinyl ether	ND	1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
cis-1,3-Dichloropropene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Toluene	ND	1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Tetrachloroethene (PCE)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
4-Methyl-2-pentanone (MIBK)	ND	1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
trans-1,3-Dichloropropene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1,2-Trichloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Dibromochloromethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,3-Dichloropropane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dibromoethane (EDB)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2-Hexanone (MBK)	ND	1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Chlorobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Ethylbenzene	ND	1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1,1,2-Tetrachloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
m,p-Xylene	ND	1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
o-Xylene	ND	1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Styrene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromoform (Tribromomethane)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Isopropylbenzene (Cumene)	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromobenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
n-Propylbenzene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1,2,2-Tetrachloroethane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2-Chlorotoluene	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2,3-Trichloropropane	ND	1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328

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Certificate of Analysis

File #:74354
Report Date: 04/19/21
Submitted: 04/08/21
PLS Report No.: 2104082

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Sample ID: B4-SS-5 Soil (2104082-10) Sampled: 04/08/21 09:33 Received: 04/08/21 15:30

1,3,5-Trimethylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
4-Chlorotoluene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
tert-Butylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2,4-Trimethylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
sec-Butylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
4-Isopropyltoluene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,3-Dichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,4-Dichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
n-Butylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2,4-Trichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Hexachlorobutadiene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Naphthalene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2,3-Trichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Surrogate: Dibromofluoromethane	*99.3 %*			*68-120*		*EPA 5035*	*EPA 8260B*	*04/13/21*	*04/13/21*	*mb*	*BD11328*
Surrogate: Toluene-d8	*99.7 %*			*80-120*		*EPA 5035*	*EPA 8260B*	*04/13/21*	*04/13/21*	*mb*	*BD11328*
Surrogate: 4-Bromofluorobenzene	*103 %*			*76-121*		*EPA 5035*	*EPA 8260B*	*04/13/21*	*04/13/21*	*mb*	*BD11328*

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Arsenic	**2.67**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Barium	**85.8**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Cadmium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Chromium	**13.2**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Cobalt	**5.20**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Copper	**9.09**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Lead	**4.19**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Molybdenum	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Nickel	**8.81**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Selenium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Thallium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Vanadium	**23.6**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Zinc	**26.1**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
Mercury	**0.114**		1	mg/kg	0.100	EPA 7471A	EPA 7471A	04/14/21	04/14/21	vc	BD11512

Sample ID: B4-SS-15 Soil (2104082-11) Sampled: 04/08/21 09:45 Received: 04/08/21 15:30

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	04/13/21	04/13/21	lk	BD11323
Surrogate: a,a,a-Trifluorotoluene	*90.2 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*04/13/21*	*04/13/21*	*lk*	*BD11323*

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
TPH C13 - C22	ND		1	mg/kg	2.50	EPA 3550C	EPA 8015M	04/14/21	04/15/21	rp	BD11517
TPH C23 - C32	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	04/14/21	04/15/21	rp	BD11517
TPH C33 - C36	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	04/14/21	04/15/21	rp	BD11517
Surrogate: n-Tetracosane	*95.3 %*			*51-138*		*EPA 3550C*	*EPA 8015M*	*04/14/21*	*04/15/21*	*rp*	*BD11517*

POSITIVE LAB SERVICE

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EFI Global
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Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Sample ID: B4-SS-15 Soil (2104082-11) Sampled: 04/08/21 09:45 Received: 04/08/21 15:30

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Dichlorodifluoromethane (FC-12)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Chloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Vinyl chloride (Chloroethylene)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromomethane (Methyl bromide)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Chloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Trichlorofluoromethane (FC-11)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Ethanol	ND		1	ug/kg	500	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Carbon disulfide	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Methylene chloride (Dichloromethane)	ND		1	ug/kg	20.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Acetone	ND		1	ug/kg	80.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
trans-1,2-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Methyl tert-butyl ether (MTBE)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Tert-butyl alcohol	ND		1	ug/kg	20.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Di-isopropyl ether	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1-Dichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Ethyl tert-butyl ether	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Vinyl acetate	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2,2-Dichloropropane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
cis-1,2-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromochloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Chloroform	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Carbon tetrachloride	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1,1-Trichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1-Dichloropropene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2-Butanone (MEK)	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Benzene	ND		1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Tert-amyl methyl ether	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Trichloroethene (TCE)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Dibromomethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dichloropropane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromodichloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,4-Dioxane	ND		1	ug/kg	80.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2-Chloroethyl vinyl ether	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
cis-1,3-Dichloropropene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Toluene	ND		1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Tetrachloroethene (PCE)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
4-Methyl-2-pentanone (MIBK)	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
trans-1,3-Dichloropropene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1,2-Trichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Dibromochloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,3-Dichloropropane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dibromoethane (EDB)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2-Hexanone (MBK)	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Chlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Ethylbenzene	ND		1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1,1,2-Tetrachloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

File #:74354
Report Date: 04/19/21
Submitted: 04/08/21
PLS Report No.: 2104082

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Sample ID: B4-SS-15 Soil (2104082-11) Sampled: 04/08/21 09:45 Received: 04/08/21 15:30

m,p-Xylene	ND		1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
o-Xylene	ND		1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Styrene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromoform (Tribromomethane)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Isopropylbenzene (Cumene)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
n-Propylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1,2,2-Tetrachloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2-Chlorotoluene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2,3-Trichloropropane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,3,5-Trimethylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
4-Chlorotoluene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
tert-Butylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2,4-Trimethylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
sec-Butylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
4-Isopropyltoluene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,3-Dichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,4-Dichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
n-Butylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2,4-Trichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Hexachlorobutadiene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Naphthalene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2,3-Trichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Surrogate: Dibromofluoromethane	*104 %*			*68-120*		*EPA 5035*	*EPA 8260B*	*04/13/21*	*04/13/21*	*mb*	*BD11328*
Surrogate: Toluene-d8	*101 %*			*80-120*		*EPA 5035*	*EPA 8260B*	*04/13/21*	*04/13/21*	*mb*	*BD11328*
Surrogate: 4-Bromofluorobenzene	*101 %*			*76-121*		*EPA 5035*	*EPA 8260B*	*04/13/21*	*04/13/21*	*mb*	*BD11328*

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Arsenic	**3.96**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Barium	**115**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Cadmium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Chromium	**21.4**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Cobalt	**8.79**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Copper	**15.4**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Lead	**6.63**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Molybdenum	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Nickel	**14.5**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Selenium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Thallium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Vanadium	**36.2**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Zinc	**40.4**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	04/14/21	04/14/21	vc	BD11512

Sample ID: B4-SS-25 Soil (2104082-12) Sampled: 04/08/21 10:08 Received: 04/08/21 15:30

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

File #:74354
Report Date: 04/19/21
Submitted: 04/08/21
PLS Report No.: 2104082

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Sample ID: B4-SS-25 Soil (2104082-12) Sampled: 04/08/21 10:08 Received: 04/08/21 15:30

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	04/13/21	04/13/21	lk	BD11323
Surrogate: a,a,a-Trifluorotoluene	*91.6 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*04/13/21*	*04/13/21*	*lk*	*BD11323*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
TPH C13 - C22	**2.72**		1	mg/kg	2.50	EPA 3550C	EPA 8015M	04/14/21	04/15/21	rp	BD11517
TPH C23 - C32	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	04/14/21	04/15/21	rp	BD11517
TPH C33 - C36	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	04/14/21	04/15/21	rp	BD11517
Surrogate: n-Tetracosane	*104 %*			*51-138*		*EPA 3550C*	*EPA 8015M*	*04/14/21*	*04/15/21*	*rp*	*BD11517*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
Dichlorodifluoromethane (FC-12)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Chloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Vinyl chloride (Chloroethylene)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromomethane (Methyl bromide)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Chloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Trichlorofluoromethane (FC-11)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Ethanol	ND		1	ug/kg	500	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Carbon disulfide	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Methylene chloride (Dichloromethane)	ND		1	ug/kg	20.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Acetone	ND		1	ug/kg	80.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
trans-1,2-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Methyl tert-butyl ether (MTBE)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Tert-butyl alcohol	ND		1	ug/kg	20.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Di-isopropyl ether	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1-Dichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Ethyl tert-butyl ether	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Vinyl acetate	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2,2-Dichloropropane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
cis-1,2-Dichloroethene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromochloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Chloroform	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Carbon tetrachloride	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1,1-Trichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1-Dichloropropene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2-Butanone (MEK)	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Benzene	ND		1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Tert-amyl methyl ether	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Trichloroethene (TCE)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Dibromomethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dichloropropane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromodichloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,4-Dioxane	ND		1	ug/kg	80.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2-Chloroethyl vinyl ether	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
cis-1,3-Dichloropropene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Toluene	ND		1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Tetrachloroethene (PCE)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
4-Methyl-2-pentanone (MIBK)	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328

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Sample ID: B4-SS-25 Soil (2104082-12) Sampled: 04/08/21 10:08 Received: 04/08/21 15:30

trans-1,3-Dichloropropene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1,2-Trichloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Dibromochloromethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,3-Dichloropropane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dibromoethane (EDB)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2-Hexanone (MBK)	ND		1	ug/kg	40.0	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Chlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Ethylbenzene	ND		1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1,1,2-Tetrachloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
m,p-Xylene	ND		1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
o-Xylene	ND		1	ug/kg	2.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Styrene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromoform (Tribromomethane)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Isopropylbenzene (Cumene)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Bromobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
n-Propylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,1,2,2-Tetrachloroethane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
2-Chlorotoluene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2,3-Trichloropropane	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,3,5-Trimethylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
4-Chlorotoluene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
tert-Butylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2,4-Trimethylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
sec-Butylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
4-Isopropyltoluene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,3-Dichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,4-Dichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
n-Butylbenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2,4-Trichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Hexachlorobutadiene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Naphthalene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
1,2,3-Trichlorobenzene	ND		1	ug/kg	4.00	EPA 5035	EPA 8260B	04/13/21	04/13/21	mb	BD11328
Surrogate: Dibromofluoromethane	*97.7 %*			*68-120*		*EPA 5035*	*EPA 8260B*	*04/13/21*	*04/13/21*	*mb*	*BD11328*
Surrogate: Toluene-d8	*99.9 %*			*80-120*		*EPA 5035*	*EPA 8260B*	*04/13/21*	*04/13/21*	*mb*	*BD11328*
Surrogate: 4-Bromofluorobenzene	*102 %*			*76-121*		*EPA 5035*	*EPA 8260B*	*04/13/21*	*04/13/21*	*mb*	*BD11328*

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Arsenic	**3.77**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Barium	**417**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Cadmium	**2.28**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Chromium	**38.5**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Cobalt	**12.1**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Copper	**28.2**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Lead	**10.3**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Molybdenum	**1.87**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Nickel	**37.7**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
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Certificate of Analysis

File #:74354
Report Date: 04/19/21
Submitted: 04/08/21
PLS Report No.: 2104082

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Sample ID: B4-SS-25 Soil (2104082-12) Sampled: 04/08/21 10:08 Received: 04/08/21 15:30

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Selenium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Thallium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Vanadium	**68.7**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Zinc	**50.4**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	04/14/21	04/14/21	vc	BD11512

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Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BD11323 - EPA 5030B										
Blank	**Prepared & Analyzed: 04/13/21**									
TPH C4 - C12	ND	0.500	mg/kg							
Surrogate: a,a,a-Trifluorotoluene	*0.0293*		mg/kg	*0.03000*		*97.7*	*58-137*			
LCS	**Prepared & Analyzed: 04/13/21**									
Gasoline	0.654	0.500	mg/kg	0.9096		71.9	66-115			
Matrix Spike **Source: 2104082-05**	**Prepared & Analyzed: 04/13/21**									
Gasoline	1.55	0.500	mg/kg	1.819	ND	84.9	55-115			
Matrix Spike Dup **Source: 2104082-05**	**Prepared & Analyzed: 04/13/21**									
Gasoline	1.53	0.500	mg/kg	1.819	ND	83.9	55-115	1.26	30	
Batch BD11517 - EPA 3550C										
Blank	**Prepared & Analyzed: 04/14/21**									
TPH C13 - C22	ND	2.50	mg/kg							
TPH C23 - C32	ND	100	mg/kg							
TPH C33 - C36	ND	100	mg/kg							
Surrogate: n-Tetracosane	*23.4*		mg/kg	*20.83*		*112*	*51-138*			
LCS	**Prepared & Analyzed: 04/14/21**									
Diesel	712	2.50	mg/kg	554.7		128	49-150			
Surrogate: n-Tetracosane	*28.4*		mg/kg	*20.83*		*136*	*60-144*			
Matrix Spike **Source: 2104082-01**	**Prepared & Analyzed: 04/14/21**									
Diesel	123	2.50	mg/kg	110.9	ND	111	43-132			
Surrogate: n-Tetracosane	*26.9*		mg/kg	*20.83*		*129*	*57-138*			
Matrix Spike Dup **Source: 2104082-01**	**Prepared & Analyzed: 04/14/21**									
Diesel	114	2.50	mg/kg	110.9	ND	103	43-132	7.01	30	
Surrogate: n-Tetracosane	*25.9*		mg/kg	*20.83*		*124*	*57-138*			
Batch BD11328 - EPA 503S										
Blank	**Prepared & Analyzed: 04/13/21**									
Dichlorodifluoromethane (FC-12)	ND	4.00	ug/kg							
Chloromethane	ND	4.00	ug/kg							
Vinyl chloride (Chloroethylene)	ND	4.00	ug/kg							
Bromomethane (Methyl bromide)	ND	4.00	ug/kg							
Chloroethane	ND	4.00	ug/kg							
Trichlorofluoromethane (FC-11)	ND	4.00	ug/kg							
Ethanol	ND	500	ug/kg							
1,1-Dichloroethene	ND	4.00	ug/kg							
Carbon disulfide	ND	40.0	ug/kg							
Methylene chloride (Dichloromethane)	ND	20.0	ug/kg							
Acetone	ND	80.0	ug/kg							

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Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BD11328 - EPA 5035										
trans-1,2-Dichloroethene	ND	4.00	ug/kg							
Methyl tert-butyl ether (MTBE)	ND	4.00	ug/kg							
Tert-butyl alcohol	ND	20.0	ug/kg							
Di-isopropyl ether	ND	4.00	ug/kg							
1,1-Dichloroethane	ND	4.00	ug/kg							
Ethyl tert-butyl ether	ND	4.00	ug/kg							
Vinyl acetate	ND	40.0	ug/kg							
2,2-Dichloropropane	ND	4.00	ug/kg							
cis-1,2-Dichloroethene	ND	4.00	ug/kg							
Bromochloromethane	ND	4.00	ug/kg							
Chloroform	ND	4.00	ug/kg							
Carbon tetrachloride	ND	4.00	ug/kg							
1,1,1-Trichloroethane	ND	4.00	ug/kg							
1,1-Dichloropropene	ND	4.00	ug/kg							
2-Butanone (MEK)	ND	40.0	ug/kg							
Benzene	ND	2.00	ug/kg							
Tert-amyl methyl ether	ND	4.00	ug/kg							
1,2-Dichloroethane	ND	4.00	ug/kg							
Trichloroethene (TCE)	ND	4.00	ug/kg							
Dibromomethane	ND	4.00	ug/kg							
1,2-Dichloropropane	ND	4.00	ug/kg							
Bromodichloromethane	ND	4.00	ug/kg							
1,4-Dioxane	ND	80.0	ug/kg							
2-Chloroethyl vinyl ether	ND	40.0	ug/kg							
cis-1,3-Dichloropropene	ND	4.00	ug/kg							
Toluene	ND	2.00	ug/kg							
Tetrachloroethene (PCE)	ND	4.00	ug/kg							
4-Methyl-2-pentanone (MIBK)	ND	40.0	ug/kg							
trans-1,3-Dichloropropene	ND	4.00	ug/kg							
1,1,2-Trichloroethane	ND	4.00	ug/kg							
Dibromochloromethane	ND	4.00	ug/kg							
1,3-Dichloropropane	ND	4.00	ug/kg							
1,2-Dibromoethane (EDB)	ND	4.00	ug/kg							
2-Hexanone (MBK)	ND	40.0	ug/kg							
Chlorobenzene	ND	4.00	ug/kg							
Ethylbenzene	ND	2.00	ug/kg							
1,1,1,2-Tetrachloroethane	ND	4.00	ug/kg							
m,p-Xylene	ND	2.00	ug/kg							
o-Xylene	ND	2.00	ug/kg							
Styrene	ND	4.00	ug/kg							
Bromoform (Tribromomethane)	ND	4.00	ug/kg							

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Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BD11328 - EPA 5035										
Isopropylbenzene (Cumene)	ND	4.00	ug/kg							
Bromobenzene	ND	4.00	ug/kg							
n-Propylbenzene	ND	4.00	ug/kg							
1,1,2,2-Tetrachloroethane	ND	4.00	ug/kg							
2-Chlorotoluene	ND	4.00	ug/kg							
1,2,3-Trichloropropane	ND	4.00	ug/kg							
1,3,5-Trimethylbenzene	ND	4.00	ug/kg							
4-Chlorotoluene	ND	4.00	ug/kg							
tert-Butylbenzene	ND	4.00	ug/kg							
1,2,4-Trimethylbenzene	ND	4.00	ug/kg							
sec-Butylbenzene	ND	4.00	ug/kg							
4-Isopropyltoluene	ND	4.00	ug/kg							
1,3-Dichlorobenzene	ND	4.00	ug/kg							
1,4-Dichlorobenzene	ND	4.00	ug/kg							
n-Butylbenzene	ND	4.00	ug/kg							
1,2-Dichlorobenzene	ND	4.00	ug/kg							
1,2-Dibromo-3-chloropropane (DBCP)	ND	4.00	ug/kg							
1,2,4-Trichlorobenzene	ND	4.00	ug/kg							
Hexachlorobutadiene	ND	4.00	ug/kg							
Naphthalene	ND	4.00	ug/kg							
1,2,3-Trichlorobenzene	ND	4.00	ug/kg							
Surrogate: Dibromofluoromethane	*15.1*		ug/kg	*15.00*		*101*	*68-120*			
Surrogate: Toluene-d8	*14.9*		ug/kg	*15.00*		*99.1*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*15.8*		ug/kg	*15.00*		*105*	*76-121*			
LCS	**Prepared & Analyzed: 04/13/21**									
1,1-Dichloroethene	19.7	4.00	ug/kg	20.00		98.7	68-129			
Methyl tert-butyl ether (MTBE)	19.6	4.00	ug/kg	20.00		98.2	67-120			
Benzene	18.1	2.00	ug/kg	20.00		90.6	72-120			
Trichloroethene (TCE)	19.4	4.00	ug/kg	20.00		96.8	78-120			
Toluene	18.5	2.00	ug/kg	20.00		92.4	77-120			
Chlorobenzene	18.4	4.00	ug/kg	20.00		91.8	77-120			
Surrogate: Dibromofluoromethane	*14.7*		ug/kg	*15.00*		*98.0*	*80-120*			
Surrogate: Toluene-d8	*14.9*		ug/kg	*15.00*		*99.3*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*15.2*		ug/kg	*15.00*		*101*	*80-120*			
Matrix Spike **Source: 2104082-05**	**Prepared & Analyzed: 04/13/21**									
1,1-Dichloroethene	20.0	4.00	ug/kg	20.00	ND	99.9	69-138			
Benzene	18.8	2.00	ug/kg	20.00	1.55	86.2	67-124			
Trichloroethene (TCE)	20.4	4.00	ug/kg	20.00	ND	102	59-136			
Toluene	19.3	2.00	ug/kg	20.00	1.53	88.8	63-120			
Chlorobenzene	20.3	4.00	ug/kg	20.00	ND	101	61-120			
Surrogate: Dibromofluoromethane	*14.1*		ug/kg	*15.00*		*94.1*	*80-120*			

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Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BD11328 - EPA 5035										
Surrogate: Toluene-d8	*15.0*		ug/kg	*15.00*		*99.9*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*15.6*		ug/kg	*15.00*		*104*	*80-120*			
Matrix Spike Dup Source: 2104082-05	**Prepared & Analyzed: 04/13/21**									
1,1-Dichloroethene	21.1	4.00	ug/kg	20.00	ND	106	69-138	5.59	30	
Benzene	19.5	2.00	ug/kg	20.00	1.55	89.8	67-124	4.09	30	
Trichloroethene (TCE)	21.0	4.00	ug/kg	20.00	ND	105	59-136	3.19	30	
Toluene	20.3	2.00	ug/kg	20.00	1.53	93.9	63-120	5.58	30	
Chlorobenzene	20.3	4.00	ug/kg	20.00	ND	101	61-120	0.0986	30	
Surrogate: Dibromofluoromethane	*14.9*		ug/kg	*15.00*		*99.2*	*80-120*			
Surrogate: Toluene-d8	*15.0*		ug/kg	*15.00*		*99.8*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*15.5*		ug/kg	*15.00*		*103*	*80-120*			
Batch BD11518 - EPA 3050B										
Blank	**Prepared: 04/14/21 Analyzed: 04/15/21**									
Antimony	ND	2.00	mg/kg							
Arsenic	ND	2.00	mg/kg							
Barium	ND	1.00	mg/kg							
Beryllium	ND	1.00	mg/kg							
Cadmium	ND	1.00	mg/kg							
Chromium	ND	1.00	mg/kg							
Cobalt	ND	1.00	mg/kg							
Copper	ND	1.00	mg/kg							
Lead	ND	1.00	mg/kg							
Molybdenum	ND	1.00	mg/kg							
Nickel	ND	1.00	mg/kg							
Selenium	ND	2.00	mg/kg							
Silver	ND	1.00	mg/kg							
Thallium	ND	2.00	mg/kg							
Vanadium	ND	1.00	mg/kg							
Zinc	ND	5.00	mg/kg							
LCS	**Prepared: 04/14/21 Analyzed: 04/15/21**									
Antimony	50.8	2.00	mg/kg	50.20		101	60-140			
Arsenic	48.8	2.00	mg/kg	50.10		97.4	80-120			
Barium	201	1.00	mg/kg	200.1		101	80-120			
Beryllium	4.83	1.00	mg/kg	5.010		96.4	80-120			
Cadmium	5.19	1.00	mg/kg	5.010		103	80-120			
Chromium	20.6	1.00	mg/kg	19.98		103	80-120			
Cobalt	51.1	1.00	mg/kg	50.10		102	80-120			
Copper	26.9	1.00	mg/kg	25.22		106	80-120			
Lead	54.0	1.00	mg/kg	50.30		107	80-120			

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Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BD11518 - EPA 3050B										
Molybdenum	49.2	1.00	mg/kg	49.75		98.9	80-120			
Nickel	51.7	1.00	mg/kg	50.30		103	80-120			
Selenium	50.3	2.00	mg/kg	49.83		101	80-120			
Silver	5.16	1.00	mg/kg	5.010		103	80-120			
Thallium	52.0	2.00	mg/kg	49.90		104	80-120			
Vanadium	49.0	1.00	mg/kg	49.85		98.2	80-120			
Zinc	49.5	5.00	mg/kg	50.30		98.5	80-120			
Matrix Spike **Source: 2104082-01**	**Prepared: 04/14/21**	**Analyzed: 04/15/21**								
Antimony	43.2	2.00	mg/kg	50.20	1.28	83.5	60-140			
Arsenic	50.1	2.00	mg/kg	50.10	4.93	90.1	75-125			
Barium	282	1.00	mg/kg	200.1	107	87.7	75-125			
Beryllium	5.00	1.00	mg/kg	5.010	0.424	91.3	75-125			
Cadmium	5.27	1.00	mg/kg	5.010	0.868	87.8	75-125			
Chromium	44.1	1.00	mg/kg	19.98	27.4	83.7	75-125			
Cobalt	58.0	1.00	mg/kg	50.10	11.4	93.0	75-125			
Copper	47.4	1.00	mg/kg	25.22	22.7	98.0	75-125			
Lead	53.6	1.00	mg/kg	50.30	9.20	88.2	75-125			
Molybdenum	44.1	1.00	mg/kg	49.75	ND	88.6	75-125			
Nickel	67.3	1.00	mg/kg	50.30	22.6	88.9	75-125			
Selenium	46.6	2.00	mg/kg	49.83	ND	93.6	75-125			
Silver	4.59	1.00	mg/kg	5.010	ND	91.6	75-125			
Thallium	45.8	2.00	mg/kg	49.90	1.27	89.2	75-125			
Vanadium	95.2	1.00	mg/kg	49.85	50.2	90.3	75-125			
Zinc	106	5.00	mg/kg	50.30	59.0	93.5	75-125			
Matrix Spike Dup **Source: 2104082-01**	**Prepared: 04/14/21**	**Analyzed: 04/15/21**								
Antimony	44.1	2.00	mg/kg	50.20	1.28	85.4	60-140	2.25	30	
Arsenic	50.2	2.00	mg/kg	50.10	4.93	90.3	75-125	0.258	30	
Barium	283	1.00	mg/kg	200.1	107	88.2	75-125	0.467	30	
Beryllium	5.04	1.00	mg/kg	5.010	0.424	92.0	75-125	0.777	30	
Cadmium	5.39	1.00	mg/kg	5.010	0.868	90.4	75-125	2.84	30	
Chromium	43.1	1.00	mg/kg	19.98	27.4	78.9	75-125	5.88	30	
Cobalt	57.5	1.00	mg/kg	50.10	11.4	91.9	75-125	1.09	30	
Copper	46.7	1.00	mg/kg	25.22	22.7	95.3	75-125	2.82	30	
Lead	58.7	1.00	mg/kg	50.30	9.20	98.4	75-125	10.9	30	
Molybdenum	44.7	1.00	mg/kg	49.75	ND	89.8	75-125	1.31	30	
Nickel	65.9	1.00	mg/kg	50.30	22.6	86.1	75-125	3.24	30	
Selenium	47.4	2.00	mg/kg	49.83	ND	95.2	75-125	1.68	30	
Silver	4.75	1.00	mg/kg	5.010	ND	94.9	75-125	3.57	30	
Thallium	46.7	2.00	mg/kg	49.90	1.27	91.1	75-125	2.10	30	
Vanadium	93.9	1.00	mg/kg	49.85	50.2	87.7	75-125	2.96	30	

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

File #:74354
Report Date: 04/19/21
Submitted: 04/08/21
PLS Report No.: 2104082

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Quality Control Data

Analyte		Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BD11518 - EPA 3050B											
Zinc		104	5.00	mg/kg	50.30	59.0	90.2	75-125	3.59	30	
Batch BD11512 - EPA 7471A											
Blank		**Prepared & Analyzed: 04/14/21**									
Mercury		ND	0.100	mg/kg							
LCS		**Prepared & Analyzed: 04/14/21**									
Mercury		0.884	0.100	mg/kg	0.8367		106	80-120			
Matrix Spike	**Source: 2104082-01**	**Prepared & Analyzed: 04/14/21**									
Mercury		0.892	0.100	mg/kg	0.8367	ND	107	75-125			
Matrix Spike Dup	**Source: 2104082-01**	**Prepared & Analyzed: 04/14/21**									
Mercury		0.879	0.100	mg/kg	0.8367	ND	105	75-125	1.49	25	

Notes and Definitions

NA	Not Applicable
ND	Analyte NOT DETECTED at or above the detection limit
NR	Not Reported
MDL	Method Detection Limit
PQL	Practical Quantitation Limit

Environmental Laboratory Accreditation Program Certificate No. 1131, Mobile Lab No. 2534, LACSD No. 10138

Rick Owen Parker

Authorized Signature(s)

114599

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

CHAIN OF CUSTODY AND ANALYSIS REQUEST

DATE: 4-8-2021 PAGE 1 OF 3

LOG BOOK NO. _____ FILE NO. _____ LAB NO. 2104482

CLIENT NAME: EFI GLOBAL

Project Name/No. 45.06065

P.O. NO.

AIRBILL NO: _____

M. Lab Refrig

~~COOLER~~ TEMP: 2.5°C

ADDRESS: ON FILE

ANALYSES REQUESTED:

PROJECT MANAGER: DAN JABLONSKI

PHONE NO:

FAX NO:

PRESERVATIVE:

SAMPLER NAME: ELI ORTENBERG (Printed) (Signature)

REMARKS:

* off Hold 04/12/21 per Eli O.

TAT (Analytical Turn Around Time): 0 = Same Day; 1 = 1 Day; 2 = 2 Days; 3 = 3 Days; N = Normal (5-7 Working Days)

CONTAINER TYPES: B = Brass, E = Encore, G = Glass, P = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID# ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

	SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	MATRIX: SOIL	MATRIX: SLUDGE	MATRIX: OTHER	TAT	CONTAINER #	CONTAINER TYPE	TPHlc 8015M	VOCs 8260B	TCLP metals Cd, Cr, Pb, Ni, Zn					HOLD	SAMPLE CONDITION/ CONTAINER /COMMENTS:
1	1	4-8-2021	1030	B1-SS-2		X				1/3	P/V								X	
2	2		1040	B1-SS-5								*	*	*						
3	3		1045	B1-SS-10																
4	4		1050	B1-SS-15								*	*	*						
5	5		1055	B1-SS-20																
6	6		1100	B1-SS-25								*	*	*						
7	7		828	B2-SS-2																
8	8		831	B2-SS-5								*	*	*						
9	9		840	B2-SS-10																
10	10		845	B2-SS-15								*	*	*						

Relinquished By: (Signature and Printed Name)	Received By: (Signature and Printed Name)	Date:	Time:
ELI ORTENBERG	Rick Owen Parker Rick Owen Parker	4-8-2021	1530
Rick Owen Parker	Guadalupe Tanaka	04/08/21	1805

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days

By _____ Date _____

SPECIAL INSTRUCTIONS:

PRESERVATIVE: 1-HNO_3, 2-H_2SO_4, 3-HCL, 4-Zinc Acetate, 5-NaOH, 6-NH_4 Buffer, 7-Other

LAB COPY

114600

POSITIVE LAB SERVICE

CHAIN OF CUSTODY AND ANALYSIS REQUEST

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

DATE: 4.8.2021 PAGE 2 OF 3

LOG BOOK NO. _____ FILE NO. _____ LAB NO. 2104082

CLIENT NAME: EFI GLOBAL

Project Name/No. 45.06065

P.O. NO.

AIRBILL NO: M. Lab Refrig.

ADDRESS: SEE PAGE 1

ANALYSES REQUESTED:

COOLER TEMP: 2.5°C

PROJECT MANAGER: PHONE NO: FAX NO:

PRESERVATIVE:

SAMPLER NAME: ELI ORTENBERG (Printed) (Signature)

TAT (Analytical Turn Around Time): 0 = Same Day; 1 = 1 Day; 2 = 2 Days; 3 = 3 Days; N = Normal (5-7 Working Days)

CONTAINER TYPES: B = Brass, E = Encore, G = Glass, P = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID# ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

REMARKS:

* Off Hold 04/12/21

	SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	MATRIX: SOIL	MATRIX: SLUDGE	MATRIX: OTHER	TAT	CONTAINER #	CONTAINER TYPE	TPHCC 8015M	VOCs 8260B	TZZ metals 6010B/7471A					HOLD	SAMPLE CONDITION/ CONTAINER /COMMENTS:
1	11	4.8.21	850	B2-SS-20		X				1/3	P/V									
2	12		854	B2-SS-25								*	*	*						
3	13		752	B3-SS-2																
4	14		755	B3-SS-5								*	*	*						
5	15		800	B3-SS-10																
6	16		805	B3-SS-15								*	*	*						
7	17		810	B3-SS-20																
8	18		815	B3-SS-25								*	*	*						
9	19		930	B4-SS-2																
10	20		933	B4-SS-5								*	*	*						

Relinquished By: (Signature and Printed Name)	Received By: (Signature and Printed Name)	Date:	Time:
Eli Ortenberg	Rick Owen Parker Rick Owen Parker	4.8.2021	1530
Rick Owen Parker	Guadalupe Tanaka	04/08/21	18:05

SPECIAL INSTRUCTIONS:

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days

By _____ Date _____

PRESERVATIVE: 1-HNO_3, 2-H_2SO_4, 3-HCL, 4-Zinc Acetate, 5-NaOH, 6-NH_4 Buffer, 7-Other

LAB COPY

114601

POSITIVE LAB SERVICE

CHAIN OF CUSTODY AND ANALYSIS REQUEST

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

DATE: 4-8-2021 PAGE 3 OF 3

LOG BOOK NO. _____ FILE NO. _____ LAB NO. 2010408 2

CLIENT NAME: EFI Global

Project Name/No. 45.06065

P.O. NO.

AIRBILL NO: U.Cab Pickup

ADDRESS: SEE PAGE 1

ANALYSES REQUESTED:

~~COOLER~~ TEMP: 2.5C

PROJECT MANAGER: PHONE NO: FAX NO:

PRESERVATIVE:

SAMPLER NAME: Ez. Ortenberg (Printed) (Signature)

REMARKS:

* off Hold 04/12/21

TAT (Analytical Turn Around Time): 0 = Same Day; 1 = 1 Day; 2 = 2 Days; 3 = 3 Days; N = Normal (5-7 Working Days)

CONTAINER TYPES: B = Brass, E = Encore, G = Glass, P = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID# ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

	SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	MATRIX: SOIL	MATRIX: SLUDGE	MATRIX: OTHER	TAT	CONTAINER #	CONTAINER TYPE	TPH-cc 8015M	VOCs 8260B	T22 Metals 6010B/7471A					Hold	SAMPLE CONDITION/ CONTAINER /COMMENTS:
1	21	4-8-2021	938	B4-SS-10		X				1/3	P/V								X	
2	22	↓	945	B4-SS-15		↓				↓	↓	*	*	*					↓	
3	23		955	B4-SS-20		↓				↓	↓								↓	
4	24	↓	1008	B4-SS-25		↓				↓	↓	*	*	*					↓	
5																				
6																				
7																				
8																				
9																				
10																				

Relinquished By: (Signature and Printed Name)	Received By: (Signature and Printed Name)	Date:	Time:
Ez Ortenberg	Rick Owen Parker Rick Owen Parker	4-8-2021	1530
Rick Owen Parker	Guadalupe Tanaka	04/08/21	18:05

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days

By _____ Date _____

SPECIAL INSTRUCTIONS:

PRESERVATIVE: 1-HNO_3, 2-H_2SO_4, 3-HCL, 4-Zinc Acetate, 5-NaOH, 6-NH_4 Buffer, 7-Other

LAB COPY

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

April 19, 2021

Daniel Jablonski
EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Report No.: 2104100
Project Name: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Dear Daniel Jablonski,

This report contains the analytical results for the sample(s) received under chain of custody(s) by Positive Lab Service on April 12, 2021.

The test results in this report are performed in compliance with ELAP accreditation requirements for the certified parameters. The laboratory report may not be produced, except in full, without the written approval of the laboratory.

The issuance of the final Certificate of Analysis takes precedence over any previous Preliminary Report. Preliminary data should not be used for regulatory purposes. Authorized signature(s) is provided on final report only.

If you have any questions in reference to this report, please contact your Positive Lab Service coordinator.

Project Manager

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

File #:74354
Report Date: 04/19/21
Submitted: 04/12/21
PLS Report No.: 2104100

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Sample ID: B1-GW-34 Water (2104100-01) Sampled: 04/09/21 14:00 Received: 04/12/21 10:52

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	ug/l	100	EPA 5030B	EPA 8015M	04/14/21	04/14/21	lk	BD11442
Surrogate: a,a,a-Trifluorotoluene	*91.4 %*			*63-144*		*EPA 5030B*	*EPA 8015M*	*04/14/21*	*04/14/21*	*lk*	*BD11442*

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
TPH C13 - C22	ND		1	mg/L	0.500	EPA 3535A	EPA 8015M	04/15/21	04/16/21	rp	BD11923
TPH C23 - C32	ND		1	mg/L	2.50	EPA 3535A	EPA 8015M	04/15/21	04/16/21	rp	BD11923
TPH C33 - C36	ND		1	mg/L	10.0	EPA 3535A	EPA 8015M	04/15/21	04/16/21	rp	BD11923
Surrogate: n-Tetracosane	*90.1 %*			*46-116*		*EPA 3535A*	*EPA 8015M*	*04/15/21*	*04/16/21*	*rp*	*BD11923*

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
Dichlorodifluoromethane (FC-12)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
Chloromethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
Vinyl chloride (Chloroethylene)	ND		1	ug/l	0.500	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
Bromomethane (Methyl bromide)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
Chloroethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
Trichlorofluoromethane (FC-11)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
Ethanol	ND		1	ug/l	500	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
1,1-Dichloroethene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
Carbon disulfide	ND		1	ug/l	5.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
Methylene chloride (Dichloromethane)	ND		1	ug/l	5.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
Acetone	ND		1	ug/l	10.0	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
trans-1,2-Dichloroethene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
Methyl tert-butyl ether (MTBE)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
Tert-butyl alcohol	ND		1	ug/l	5.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
Di-isopropyl ether	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
1,1-Dichloroethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
Ethyl tert-butyl ether	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
Vinyl acetate	ND		1	ug/l	5.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
2,2-Dichloropropane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
cis-1,2-Dichloroethene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
Bromochloromethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
Chloroform	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
Carbon tetrachloride	ND		1	ug/l	0.500	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
1,1,1-Trichloroethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
1,1-Dichloropropene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
2-Butanone (MEK)	ND		1	ug/l	5.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
Benzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
Tert-amyl methyl ether	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
1,2-Dichloroethane	ND		1	ug/l	0.500	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
Trichloroethene (TCE)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
Dibromomethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
1,2-Dichloropropane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
Bromodichloromethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
1,4-Dioxane	ND		1	ug/l	25.0	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
2-Chloroethyl vinyl ether	ND		1	ug/l	5.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
cis-1,3-Dichloropropene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
Toluene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
Tetrachloroethene (PCE)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
4-Methyl-2-pentanone (MIBK)	ND		1	ug/l	5.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

File #:74354
Report Date: 04/19/21
Submitted: 04/12/21
PLS Report No.: 2104100

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Sample ID: B1-GW-34 Water (2104100-01) Sampled: 04/09/21 14:00 Received: 04/12/21 10:52

trans-1,3-Dichloropropene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
1,1,2-Trichloroethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
Dibromochloromethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
1,3-Dichloropropane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
1,2-Dibromoethane (EDB)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
2-Hexanone (MBK)	ND		1	ug/l	5.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
Chlorobenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
Ethylbenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
1,1,1,2-Tetrachloroethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
m,p-Xylene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
o-Xylene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
Styrene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
Bromoform (Tribromomethane)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
Isopropylbenzene (Cumene)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
Bromobenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
n-Propylbenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
1,1,2,2-Tetrachloroethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
2-Chlorotoluene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
1,2,3-Trichloropropane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
1,3,5-Trimethylbenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
4-Chlorotoluene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
tert-Butylbenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
1,2,4-Trimethylbenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
sec-Butylbenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
4-Isopropyltoluene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
1,3-Dichlorobenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
1,4-Dichlorobenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
n-Butylbenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
1,2-Dichlorobenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
1,2,4-Trichlorobenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
Hexachlorobutadiene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
Naphthalene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
1,2,3-Trichlorobenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/12/21	04/12/21	mb	BD11329
Surrogate: Dibromofluoromethane	*102 %*			*67-120*		*EPA 5030B*	*EPA 8260B*	*04/12/21*	*04/12/21*	*mb*	*BD11329*
Surrogate: Toluene-d8	*101 %*			*80-120*		*EPA 5030B*	*EPA 8260B*	*04/12/21*	*04/12/21*	*mb*	*BD11329*
Surrogate: 4-Bromofluorobenzene	*103 %*			*76-120*		*EPA 5030B*	*EPA 8260B*	*04/12/21*	*04/12/21*	*mb*	*BD11329*

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/L	0.020	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Arsenic	**0.122**		1	mg/L	0.020	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Barium	**6.31**		1	mg/L	0.010	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Beryllium	**0.005**		1	mg/L	0.005	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Cadmium	**0.010**		1	mg/L	0.005	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Chromium	**0.481**		1	mg/L	0.010	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Cobalt	**0.145**		1	mg/L	0.010	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Copper	**0.397**		1	mg/L	0.010	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Lead	**0.110**		1	mg/L	0.010	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Molybdenum	**0.069**		1	mg/L	0.010	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Nickel	**0.339**		1	mg/L	0.010	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915

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File #:74354
Report Date: 04/19/21
Submitted: 04/12/21
PLS Report No.: 2104100

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Sample ID: B1-GW-34 Water (2104100-01) Sampled: 04/09/21 14:00 Received: 04/12/21 10:52

Selenium	ND		1	mg/L	0.020	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Silver	ND		1	mg/L	0.010	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Thallium	**0.012**		1	mg/L	0.010	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Vanadium	**0.791**		1	mg/L	0.010	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Zinc	**0.778**		1	mg/L	0.020	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	ND		1	ug/l	1.00	EPA 245.1	EPA 245.1	04/16/21	04/16/21	vc	BD11916

Sample ID: B2-GW-29 Water (2104100-02) Sampled: 04/09/21 11:15 Received: 04/12/21 10:52

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	ug/l	100	EPA 5030B	EPA 8015M	04/14/21	04/14/21	lk	BD11442
Surrogate: a,a,a-Trifluorotoluene	*93.2 %*			*63-144*		*EPA 5030B*	*EPA 8015M*	*04/14/21*	*04/14/21*	*lk*	*BD11442*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C13 - C22	**0.629**		1	mg/L	0.500	EPA 3535A	EPA 8015M	04/15/21	04/17/21	rp	BD11923
TPH C23 - C32	ND		1	mg/L	2.50	EPA 3535A	EPA 8015M	04/15/21	04/17/21	rp	BD11923
TPH C33 - C36	ND		1	mg/L	10.0	EPA 3535A	EPA 8015M	04/15/21	04/17/21	rp	BD11923
Surrogate: n-Tetracosane	*78.4 %*			*46-116*		*EPA 3535A*	*EPA 8015M*	*04/15/21*	*04/17/21*	*rp*	*BD11923*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Dichlorodifluoromethane (FC-12)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Chloromethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Vinyl chloride (Chloroethylene)	ND		1	ug/l	0.500	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Bromomethane (Methyl bromide)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Chloroethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Trichlorofluoromethane (FC-11)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Ethanol	ND		1	ug/l	500	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,1-Dichloroethene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Carbon disulfide	ND		1	ug/l	5.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Methylene chloride (Dichloromethane)	ND		1	ug/l	5.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Acetone	ND		1	ug/l	10.0	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
trans-1,2-Dichloroethene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Methyl tert-butyl ether (MTBE)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Tert-butyl alcohol	ND		1	ug/l	5.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Di-isopropyl ether	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,1-Dichloroethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Ethyl tert-butyl ether	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Vinyl acetate	ND		1	ug/l	5.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
2,2-Dichloropropane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
cis-1,2-Dichloroethene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Bromochloromethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Chloroform	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Carbon tetrachloride	ND		1	ug/l	0.500	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,1,1-Trichloroethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,1-Dichloropropene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
2-Butanone (MEK)	ND		1	ug/l	5.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Benzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Tert-amyl methyl ether	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,2-Dichloroethane	ND		1	ug/l	0.500	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Trichloroethene (TCE)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331

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File #:74354
Report Date: 04/19/21
Submitted: 04/12/21
PLS Report No.: 2104100

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Sample ID: B2-GW-29 Water (2104100-02) Sampled: 04/09/21 11:15 Received: 04/12/21 10:52

Dibromomethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,2-Dichloropropane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Bromodichloromethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,4-Dioxane	ND		1	ug/l	25.0	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
2-Chloroethyl vinyl ether	ND		1	ug/l	5.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
cis-1,3-Dichloropropene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Toluene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Tetrachloroethene (PCE)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
4-Methyl-2-pentanone (MIBK)	ND		1	ug/l	5.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
trans-1,3-Dichloropropene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,1,2-Trichloroethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Dibromochloromethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,3-Dichloropropane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,2-Dibromoethane (EDB)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
2-Hexanone (MBK)	ND		1	ug/l	5.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Chlorobenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Ethylbenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,1,1,2-Tetrachloroethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
m,p-Xylene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
o-Xylene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Styrene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Bromoform (Tribromomethane)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Isopropylbenzene (Cumene)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Bromobenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
n-Propylbenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,1,2,2-Tetrachloroethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
2-Chlorotoluene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,2,3-Trichloropropane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,3,5-Trimethylbenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
4-Chlorotoluene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
tert-Butylbenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,2,4-Trimethylbenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
sec-Butylbenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
4-Isopropyltoluene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,3-Dichlorobenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,4-Dichlorobenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
n-Butylbenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,2-Dichlorobenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,2,4-Trichlorobenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Hexachlorobutadiene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Naphthalene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,2,3-Trichlorobenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Surrogate: Dibromofluoromethane	*99.5 %*			*67-120*		*EPA 5030B*	*EPA 8260B*	*04/13/21*	*04/13/21*	*mb*	*BD11331*
Surrogate: Toluene-d8	*100 %*			*80-120*		*EPA 5030B*	*EPA 8260B*	*04/13/21*	*04/13/21*	*mb*	*BD11331*
Surrogate: 4-Bromofluorobenzene	*101 %*			*76-120*		*EPA 5030B*	*EPA 8260B*	*04/13/21*	*04/13/21*	*mb*	*BD11331*

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	**0.020**		1	mg/L	0.020	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Arsenic	**0.300**		1	mg/L	0.020	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915

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File #:74354
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Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Sample ID: B2-GW-29 Water (2104100-02) Sampled: 04/09/21 11:15 Received: 04/12/21 10:52

Barium	**9.95**		1	mg/L	0.010	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Beryllium	**0.011**		1	mg/L	0.005	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Cadmium	**0.030**		1	mg/L	0.005	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Chromium	**0.992**		1	mg/L	0.010	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Cobalt	**0.248**		1	mg/L	0.010	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Copper	**0.777**		1	mg/L	0.010	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Lead	**0.442**		1	mg/L	0.010	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Molybdenum	**0.165**		1	mg/L	0.010	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Nickel	**0.521**		1	mg/L	0.010	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Selenium	ND		1	mg/L	0.020	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Silver	ND		1	mg/L	0.010	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Thallium	**0.036**		1	mg/L	0.010	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Vanadium	**1.35**		1	mg/L	0.010	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Zinc	**1.56**		1	mg/L	0.020	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
Mercury	**2.36**		1	ug/l	1.00	EPA 245.1	EPA 245.1	04/16/21	04/16/21	vc	BD11916

Sample ID: B3-GW-29 Water (2104100-03) Sampled: 04/09/21 13:00 Received: 04/12/21 10:52

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	ug/l	100	EPA 5030B	EPA 8015M	04/14/21	04/14/21	lk	BD11442
Surrogate: a,a,a-Trifluorotoluene	*96.9 %*			*63-144*		*EPA 5030B*	*EPA 8015M*	*04/14/21*	*04/14/21*	*lk*	*BD11442*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
TPH C13 - C22	**0.589**		1	mg/L	0.500	EPA 3535A	EPA 8015M	04/15/21	04/17/21	rp	BD11923
TPH C23 - C32	ND		1	mg/L	2.50	EPA 3535A	EPA 8015M	04/15/21	04/17/21	rp	BD11923
TPH C33 - C36	ND		1	mg/L	10.0	EPA 3535A	EPA 8015M	04/15/21	04/17/21	rp	BD11923
Surrogate: n-Tetracosane	*93.6 %*			*46-116*		*EPA 3535A*	*EPA 8015M*	*04/15/21*	*04/17/21*	*rp*	*BD11923*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
Dichlorodifluoromethane (FC-12)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Chloromethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Vinyl chloride (Chloroethylene)	ND		1	ug/l	0.500	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Bromomethane (Methyl bromide)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Chloroethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Trichlorofluoromethane (FC-11)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Ethanol	ND		1	ug/l	500	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,1-Dichloroethene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Carbon disulfide	ND		1	ug/l	5.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Methylene chloride (Dichloromethane)	ND		1	ug/l	5.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Acetone	ND		1	ug/l	10.0	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
trans-1,2-Dichloroethene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Methyl tert-butyl ether (MTBE)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Tert-butyl alcohol	ND		1	ug/l	5.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Di-isopropyl ether	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,1-Dichloroethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Ethyl tert-butyl ether	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Vinyl acetate	ND		1	ug/l	5.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
2,2-Dichloropropane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
cis-1,2-Dichloroethene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Bromochloromethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

File #:74354
Report Date: 04/19/21
Submitted: 04/12/21
PLS Report No.: 2104100

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Sample ID: B3-GW-29 Water (2104100-03) Sampled: 04/09/21 13:00 Received: 04/12/21 10:52

Chloroform	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Carbon tetrachloride	ND	1	ug/l	0.500	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,1,1-Trichloroethane	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,1-Dichloropropene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
2-Butanone (MEK)	ND	1	ug/l	5.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Benzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Tert-amyl methyl ether	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,2-Dichloroethane	ND	1	ug/l	0.500	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Trichloroethene (TCE)	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Dibromomethane	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,2-Dichloropropane	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Bromodichloromethane	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,4-Dioxane	ND	1	ug/l	25.0	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
2-Chloroethyl vinyl ether	ND	1	ug/l	5.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
cis-1,3-Dichloropropene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Toluene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Tetrachloroethene (PCE)	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
4-Methyl-2-pentanone (MIBK)	ND	1	ug/l	5.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
trans-1,3-Dichloropropene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,1,2-Trichloroethane	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Dibromochloromethane	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,3-Dichloropropane	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,2-Dibromoethane (EDB)	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
2-Hexanone (MBK)	ND	1	ug/l	5.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Chlorobenzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Ethylbenzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,1,1,2-Tetrachloroethane	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
m,p-Xylene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
o-Xylene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Styrene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Bromoform (Tribromomethane)	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Isopropylbenzene (Cumene)	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Bromobenzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
n-Propylbenzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,1,2,2-Tetrachloroethane	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
2-Chlorotoluene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,2,3-Trichloropropane	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,3,5-Trimethylbenzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
4-Chlorotoluene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
tert-Butylbenzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,2,4-Trimethylbenzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
sec-Butylbenzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
4-Isopropyltoluene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,3-Dichlorobenzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,4-Dichlorobenzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
n-Butylbenzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,2-Dichlorobenzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,2-Dibromo-3-chloropropane (DBCP)	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,2,4-Trichlorobenzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Hexachlorobutadiene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331

POSITIVE LAB SERVICE

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Certificate of Analysis

File #:74354
Report Date: 04/19/21
Submitted: 04/12/21
PLS Report No.: 2104100

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Sample ID: B3-GW-29 Water (2104100-03) Sampled: 04/09/21 13:00 Received: 04/12/21 10:52

Naphthalene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,2,3-Trichlorobenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Surrogate: Dibromofluoromethane	*95.3 %*			*67-120*		*EPA 5030B*	*EPA 8260B*	*04/13/21*	*04/13/21*	*mb*	*BD11331*
Surrogate: Toluene-d8	*98.6 %*			*80-120*		*EPA 5030B*	*EPA 8260B*	*04/13/21*	*04/13/21*	*mb*	*BD11331*
Surrogate: 4-Bromofluorobenzene	*101 %*			*76-120*		*EPA 5030B*	*EPA 8260B*	*04/13/21*	*04/13/21*	*mb*	*BD11331*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/L	0.020	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Arsenic	**0.127**		1	mg/L	0.020	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Barium	**0.979**		1	mg/L	0.010	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Beryllium	ND		1	mg/L	0.005	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Cadmium	ND		1	mg/L	0.005	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Chromium	**0.228**		1	mg/L	0.010	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Cobalt	**0.087**		1	mg/L	0.010	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Copper	**0.199**		1	mg/L	0.010	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Lead	**0.054**		1	mg/L	0.010	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Molybdenum	**0.518**		1	mg/L	0.010	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Nickel	**0.186**		1	mg/L	0.010	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Selenium	ND		1	mg/L	0.020	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Silver	ND		1	mg/L	0.010	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Thallium	ND		1	mg/L	0.010	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Vanadium	**0.370**		1	mg/L	0.010	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Zinc	**0.481**		1	mg/L	0.020	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	ND		1	ug/l	1.00	EPA 245.1	EPA 245.1	04/16/21	04/16/21	vc	BD11916

Sample ID: B4-GW-29 Water (2104100-04) Sampled: 04/09/21 13:30 Received: 04/12/21 10:52

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	ug/l	100	EPA 5030B	EPA 8015M	04/14/21	04/14/21	lk	BD11442
Surrogate: a,a,a-Trifluorotoluene	*95.1 %*			*63-144*		*EPA 5030B*	*EPA 8015M*	*04/14/21*	*04/14/21*	*lk*	*BD11442*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C13 - C22	ND		1	mg/L	0.500	EPA 3535A	EPA 8015M	04/15/21	04/17/21	rp	BD11923
TPH C23 - C32	ND		1	mg/L	2.50	EPA 3535A	EPA 8015M	04/15/21	04/17/21	rp	BD11923
TPH C33 - C36	ND		1	mg/L	10.0	EPA 3535A	EPA 8015M	04/15/21	04/17/21	rp	BD11923
Surrogate: n-Tetracosane	*92.7 %*			*46-116*		*EPA 3535A*	*EPA 8015M*	*04/15/21*	*04/17/21*	*rp*	*BD11923*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Dichlorodifluoromethane (FC-12)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Chloromethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Vinyl chloride (Chloroethylene)	ND		1	ug/l	0.500	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Bromomethane (Methyl bromide)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Chloroethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Trichlorofluoromethane (FC-11)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Ethanol	ND		1	ug/l	500	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,1-Dichloroethene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Carbon disulfide	ND		1	ug/l	5.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Methylene chloride (Dichloromethane)	ND		1	ug/l	5.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Acetone	ND		1	ug/l	10.0	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
trans-1,2-Dichloroethene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331

POSITIVE LAB SERVICE

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Certificate of Analysis

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File #:74354
Report Date: 04/19/21
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Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Sample ID: B4-GW-29 Water (2104100-04) Sampled: 04/09/21 13:30 Received: 04/12/21 10:52

Methyl tert-butyl ether (MTBE)	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Tert-butyl alcohol	ND	1	ug/l	5.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Di-isopropyl ether	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,1-Dichloroethane	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Ethyl tert-butyl ether	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Vinyl acetate	ND	1	ug/l	5.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
2,2-Dichloropropane	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
cis-1,2-Dichloroethene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Bromochloromethane	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Chloroform	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Carbon tetrachloride	ND	1	ug/l	0.500	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,1,1-Trichloroethane	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,1-Dichloropropene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
2-Butanone (MEK)	ND	1	ug/l	5.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Benzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Tert-amyl methyl ether	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,2-Dichloroethane	ND	1	ug/l	0.500	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Trichloroethene (TCE)	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Dibromomethane	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,2-Dichloropropane	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Bromodichloromethane	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,4-Dioxane	ND	1	ug/l	25.0	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
2-Chloroethyl vinyl ether	ND	1	ug/l	5.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
cis-1,3-Dichloropropene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Toluene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Tetrachloroethene (PCE)	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
4-Methyl-2-pentanone (MIBK)	ND	1	ug/l	5.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
trans-1,3-Dichloropropene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,1,2-Trichloroethane	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Dibromochloromethane	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,3-Dichloropropane	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,2-Dibromoethane (EDB)	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
2-Hexanone (MBK)	ND	1	ug/l	5.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Chlorobenzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Ethylbenzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,1,1,2-Tetrachloroethane	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
m,p-Xylene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
o-Xylene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Styrene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Bromoform (Tribromomethane)	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Isopropylbenzene (Cumene)	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Bromobenzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
n-Propylbenzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,1,2,2-Tetrachloroethane	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
2-Chlorotoluene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,2,3-Trichloropropane	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,3,5-Trimethylbenzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
4-Chlorotoluene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
tert-Butylbenzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,2,4-Trimethylbenzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

File #:74354
Report Date: 04/19/21
Submitted: 04/12/21
PLS Report No.: 2104100

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Sample ID: B4-GW-29 Water (2104100-04) Sampled: 04/09/21 13:30 Received: 04/12/21 10:52

sec-Butylbenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
4-Isopropyltoluene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,3-Dichlorobenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,4-Dichlorobenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
n-Butylbenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,2-Dichlorobenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,2,4-Trichlorobenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Hexachlorobutadiene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Naphthalene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
1,2,3-Trichlorobenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/13/21	04/13/21	mb	BD11331
Surrogate: Dibromofluoromethane	*90.9 %*			*67-120*		*EPA 5030B*	*EPA 8260B*	*04/13/21*	*04/13/21*	*mb*	*BD11331*
Surrogate: Toluene-d8	*97.9 %*			*80-120*		*EPA 5030B*	*EPA 8260B*	*04/13/21*	*04/13/21*	*mb*	*BD11331*
Surrogate: 4-Bromofluorobenzene	*103 %*			*76-120*		*EPA 5030B*	*EPA 8260B*	*04/13/21*	*04/13/21*	*mb*	*BD11331*

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
Antimony	**0.021**		1	mg/L	0.020	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Arsenic	**0.257**		1	mg/L	0.020	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Barium	**3.35**		1	mg/L	0.010	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Beryllium	**0.012**		1	mg/L	0.005	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Cadmium	**0.021**		1	mg/L	0.005	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Chromium	**0.778**		1	mg/L	0.010	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Cobalt	**0.276**		1	mg/L	0.010	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Copper	**0.884**		1	mg/L	0.010	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Lead	**0.191**		1	mg/L	0.010	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Molybdenum	**0.024**		1	mg/L	0.010	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Nickel	**0.457**		1	mg/L	0.010	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Selenium	ND		1	mg/L	0.020	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Silver	ND		1	mg/L	0.010	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Thallium	**0.036**		1	mg/L	0.010	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Vanadium	**1.36**		1	mg/L	0.010	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915
Zinc	**1.57**		1	mg/L	0.020	EPA 3010A	EPA 6010B	04/16/21	04/16/21	CG	BD11915

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
Mercury	**2.74**		1	ug/l	1.00	EPA 245.1	EPA 245.1	04/16/21	04/16/21	vc	BD11916

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Submitted: 04/12/21
PLS Report No.: 2104100

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BD11442 - EPA 5030B										
Blank	**Prepared & Analyzed: 04/14/21**									
TPH C4 - C12	ND	100	ug/l							
Surrogate: a,a,a-Trifluorotoluene	*30.1*		ug/l	*30.00*		*100*	*63-144*			
LCS	**Prepared & Analyzed: 04/14/21**									
Gasoline	793	100	ug/l	909.6		87.2	68-115			
Matrix Spike **Source: 2104100-01**	**Prepared & Analyzed: 04/14/21**									
Gasoline	777	100	ug/l	909.6	ND	85.5	68-115			
Matrix Spike Dup **Source: 2104100-01**	**Prepared & Analyzed: 04/14/21**									
Gasoline	777	100	ug/l	909.6	ND	85.5	68-115	0.00553	20	
Batch BD11923 - EPA 3535A										
Blank	**Prepared: 04/15/21 Analyzed: 04/16/21**									
TPH C13 - C22	ND	0.500	mg/L							
TPH C23 - C32	ND	2.50	mg/L							
TPH C33 - C36	ND	10.0	mg/L							
Surrogate: n-Tetracosane	*0.373*		mg/L	*0.3125*		*119*	*46-116*			
LCS	**Prepared: 04/15/21 Analyzed: 04/16/21**									
Diesel	8.97	0.500	mg/L	8.320		108	45-142			
Surrogate: n-Tetracosane	*0.364*		mg/L	*0.3125*		*116*	*39-149*			
LCS Dup	**Prepared: 04/15/21 Analyzed: 04/16/21**									
Diesel	9.25	0.500	mg/L	8.320		111	45-142	3.08	25	
Surrogate: n-Tetracosane	*0.395*		mg/L	*0.3125*		*126*	*39-149*			
Batch BD11329 - EPA 5030B										
Blank	**Prepared & Analyzed: 04/12/21**									
Dichlorodifluoromethane (FC-12)	ND	1.00	ug/l							
Chloromethane	ND	1.00	ug/l							
Vinyl chloride (Chloroethylene)	ND	0.500	ug/l							
Bromomethane (Methyl bromide)	ND	1.00	ug/l							
Chloroethane	ND	1.00	ug/l							
Trichlorofluoromethane (FC-11)	ND	1.00	ug/l							
Ethanol	ND	500	ug/l							
1,1-Dichloroethene	ND	1.00	ug/l							
Carbon disulfide	ND	5.00	ug/l							
Methylene chloride (Dichloromethane)	ND	5.00	ug/l							
Acetone	ND	10.0	ug/l							
trans-1,2-Dichloroethene	ND	1.00	ug/l							
Methyl tert-butyl ether (MTBE)	ND	1.00	ug/l							
Tert-butyl alcohol	ND	5.00	ug/l							

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Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BD11329 - EPA 5030B										
Di-isopropyl ether	ND	1.00	ug/l							
1,1-Dichloroethane	ND	1.00	ug/l							
Ethyl tert-butyl ether	ND	1.00	ug/l							
Vinyl acetate	ND	5.00	ug/l							
2,2-Dichloropropane	ND	1.00	ug/l							
cis-1,2-Dichloroethene	ND	1.00	ug/l							
Bromochloromethane	ND	1.00	ug/l							
Chloroform	ND	1.00	ug/l							
Carbon tetrachloride	ND	0.500	ug/l							
1,1,1-Trichloroethane	ND	1.00	ug/l							
1,1-Dichloropropene	ND	1.00	ug/l							
2-Butanone (MEK)	ND	5.00	ug/l							
Benzene	ND	1.00	ug/l							
Tert-amyl methyl ether	ND	1.00	ug/l							
1,2-Dichloroethane	ND	0.500	ug/l							
Trichloroethene (TCE)	ND	1.00	ug/l							
Dibromomethane	ND	1.00	ug/l							
1,2-Dichloropropane	ND	1.00	ug/l							
Bromodichloromethane	ND	1.00	ug/l							
1,4-Dioxane	ND	25.0	ug/l							
2-Chloroethyl vinyl ether	ND	5.00	ug/l							
cis-1,3-Dichloropropene	ND	1.00	ug/l							
Toluene	ND	1.00	ug/l							
Tetrachloroethene (PCE)	ND	1.00	ug/l							
4-Methyl-2-pentanone (MIBK)	ND	5.00	ug/l							
trans-1,3-Dichloropropene	ND	1.00	ug/l							
1,1,2-Trichloroethane	ND	1.00	ug/l							
Dibromochloromethane	ND	1.00	ug/l							
1,3-Dichloropropane	ND	1.00	ug/l							
1,2-Dibromoethane (EDB)	ND	1.00	ug/l							
2-Hexanone (MBK)	ND	5.00	ug/l							
Chlorobenzene	ND	1.00	ug/l							
Ethylbenzene	ND	1.00	ug/l							
1,1,1,2-Tetrachloroethane	ND	1.00	ug/l							
m,p-Xylene	ND	1.00	ug/l							
o-Xylene	ND	1.00	ug/l							
Styrene	ND	1.00	ug/l							
Bromoform (Tribromomethane)	ND	1.00	ug/l							
Isopropylbenzene (Cumene)	ND	1.00	ug/l							
Bromobenzene	ND	1.00	ug/l							
n-Propylbenzene	ND	1.00	ug/l							

POSITIVE LAB SERVICE

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Certificate of Analysis

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Submitted: 04/12/21
PLS Report No.: 2104100

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BD11329 - EPA 5030B										
1,1,2,2-Tetrachloroethane	ND	1.00	ug/l							
2-Chlorotoluene	ND	1.00	ug/l							
1,2,3-Trichloropropane	ND	1.00	ug/l							
1,3,5-Trimethylbenzene	ND	1.00	ug/l							
4-Chlorotoluene	ND	1.00	ug/l							
tert-Butylbenzene	ND	1.00	ug/l							
1,2,4-Trimethylbenzene	ND	1.00	ug/l							
sec-Butylbenzene	ND	1.00	ug/l							
4-Isopropyltoluene	ND	1.00	ug/l							
1,3-Dichlorobenzene	ND	1.00	ug/l							
1,4-Dichlorobenzene	ND	1.00	ug/l							
n-Butylbenzene	ND	1.00	ug/l							
1,2-Dichlorobenzene	ND	1.00	ug/l							
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.00	ug/l							
1,2,4-Trichlorobenzene	ND	1.00	ug/l							
Hexachlorobutadiene	ND	1.00	ug/l							
Naphthalene	ND	1.00	ug/l							
1,2,3-Trichlorobenzene	ND	1.00	ug/l							
Surrogate: Dibromofluoromethane	*15.4*		ug/l	*15.00*		*102*	*67-120*			
Surrogate: Toluene-d8	*14.9*		ug/l	*15.00*		*99.6*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*14.5*		ug/l	*15.00*		*96.4*	*76-120*			
LCS	**Prepared & Analyzed: 04/12/21**									
1,1-Dichloroethene	22.2	1.00	ug/l	20.00		111	77-138			
Methyl tert-butyl ether (MTBE)	21.3	1.00	ug/l	20.00		106	69-127			
Benzene	21.0	1.00	ug/l	20.00		105	80-124			
Trichloroethene (TCE)	20.7	1.00	ug/l	20.00		104	80-124			
1,4-Dioxane	158	25.0	ug/l	100.0		158	37-179			
Toluene	21.4	1.00	ug/l	20.00		107	80-122			
Chlorobenzene	21.3	1.00	ug/l	20.00		107	80-120			
Surrogate: Dibromofluoromethane	*16.2*		ug/l	*15.00*		*108*	*80-120*			
Surrogate: Toluene-d8	*15.3*		ug/l	*15.00*		*102*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*15.2*		ug/l	*15.00*		*101*	*80-120*			
Matrix Spike **Source: 2104079-01**	**Prepared & Analyzed: 04/13/21**									
1,1-Dichloroethene	21.7	1.00	ug/l	20.00	ND	108	56-150			
Benzene	20.4	1.00	ug/l	20.00	ND	102	63-134			
Trichloroethene (TCE)	22.0	1.00	ug/l	20.00	ND	110	62-141			
Toluene	21.1	1.00	ug/l	20.00	ND	106	68-128			
Chlorobenzene	21.8	1.00	ug/l	20.00	ND	109	68-126			
Surrogate: Dibromofluoromethane	*14.4*		ug/l	*15.00*		*96.0*	*72-120*			
Surrogate: Toluene-d8	*14.9*		ug/l	*15.00*		*99.2*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*15.5*		ug/l	*15.00*		*103*	*80-120*			

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Certificate of Analysis

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Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

File #:74354
Report Date: 04/19/21
Submitted: 04/12/21
PLS Report No.: 2104100

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BD11329 - EPA 5030B										
Matrix Spike Dup Source: 2104079-01	**Prepared & Analyzed: 04/13/21**									
1,1-Dichloroethene	20.8	1.00	ug/l	20.00	ND	104	56-150	4.00	20	
Benzene	20.0	1.00	ug/l	20.00	ND	99.8	63-134	2.23	20	
Trichloroethene (TCE)	19.6	1.00	ug/l	20.00	ND	98.2	62-141	11.5	20	
Toluene	20.9	1.00	ug/l	20.00	ND	105	68-128	0.905	20	
Chlorobenzene	21.2	1.00	ug/l	20.00	ND	106	68-126	2.47	20	
Surrogate: Dibromofluoromethane	*15.4*		ug/l	*15.00*		*103*	*72-120*			
Surrogate: Toluene-d8	*15.1*		ug/l	*15.00*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*15.3*		ug/l	*15.00*		*102*	*80-120*			
Batch BD11331 - EPA 5030B										
Blank	**Prepared & Analyzed: 04/13/21**									
Dichlorodifluoromethane (FC-12)	ND	1.00	ug/l							
Chloromethane	ND	1.00	ug/l							
Vinyl chloride (Chloroethylene)	ND	0.500	ug/l							
Bromomethane (Methyl bromide)	ND	1.00	ug/l							
Chloroethane	ND	1.00	ug/l							
Trichlorofluoromethane (FC-11)	ND	1.00	ug/l							
Ethanol	ND	500	ug/l							
1,1-Dichloroethene	ND	1.00	ug/l							
Carbon disulfide	ND	5.00	ug/l							
Methylene chloride (Dichloromethane)	ND	5.00	ug/l							
Acetone	ND	10.0	ug/l							
trans-1,2-Dichloroethene	ND	1.00	ug/l							
Methyl tert-butyl ether (MTBE)	ND	1.00	ug/l							
Tert-butyl alcohol	ND	5.00	ug/l							
Di-isopropyl ether	ND	1.00	ug/l							
1,1-Dichloroethane	ND	1.00	ug/l							
Ethyl tert-butyl ether	ND	1.00	ug/l							
Vinyl acetate	ND	5.00	ug/l							
2,2-Dichloropropane	ND	1.00	ug/l							
cis-1,2-Dichloroethene	ND	1.00	ug/l							
Bromochloromethane	ND	1.00	ug/l							
Chloroform	ND	1.00	ug/l							
Carbon tetrachloride	ND	0.500	ug/l							
1,1,1-Trichloroethane	ND	1.00	ug/l							
1,1-Dichloropropene	ND	1.00	ug/l							
2-Butanone (MEK)	ND	5.00	ug/l							
Benzene	ND	1.00	ug/l							
Tert-amyl methyl ether	ND	1.00	ug/l							
1,2-Dichloroethane	ND	0.500	ug/l							

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
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Certificate of Analysis

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

File #:74354
Report Date: 04/19/21
Submitted: 04/12/21
PLS Report No.: 2104100

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BD11331 - EPA 5030B										
Trichloroethene (TCE)	ND	1.00	ug/l							
Dibromomethane	ND	1.00	ug/l							
1,2-Dichloropropane	ND	1.00	ug/l							
Bromodichloromethane	ND	1.00	ug/l							
1,4-Dioxane	ND	25.0	ug/l							
2-Chloroethyl vinyl ether	ND	5.00	ug/l							
cis-1,3-Dichloropropene	ND	1.00	ug/l							
Toluene	ND	1.00	ug/l							
Tetrachloroethene (PCE)	ND	1.00	ug/l							
4-Methyl-2-pentanone (MIBK)	ND	5.00	ug/l							
trans-1,3-Dichloropropene	ND	1.00	ug/l							
1,1,2-Trichloroethane	ND	1.00	ug/l							
Dibromochloromethane	ND	1.00	ug/l							
1,3-Dichloropropane	ND	1.00	ug/l							
1,2-Dibromoethane (EDB)	ND	1.00	ug/l							
2-Hexanone (MBK)	ND	5.00	ug/l							
Chlorobenzene	ND	1.00	ug/l							
Ethylbenzene	ND	1.00	ug/l							
1,1,1,2-Tetrachloroethane	ND	1.00	ug/l							
m,p-Xylene	ND	1.00	ug/l							
o-Xylene	ND	1.00	ug/l							
Styrene	ND	1.00	ug/l							
Bromoform (Tribromomethane)	ND	1.00	ug/l							
Isopropylbenzene (Cumene)	ND	1.00	ug/l							
Bromobenzene	ND	1.00	ug/l							
n-Propylbenzene	ND	1.00	ug/l							
1,1,2,2-Tetrachloroethane	ND	1.00	ug/l							
2-Chlorotoluene	ND	1.00	ug/l							
1,2,3-Trichloropropane	ND	1.00	ug/l							
1,3,5-Trimethylbenzene	ND	1.00	ug/l							
4-Chlorotoluene	ND	1.00	ug/l							
tert-Butylbenzene	ND	1.00	ug/l							
1,2,4-Trimethylbenzene	ND	1.00	ug/l							
sec-Butylbenzene	ND	1.00	ug/l							
4-Isopropyltoluene	ND	1.00	ug/l							
1,3-Dichlorobenzene	ND	1.00	ug/l							
1,4-Dichlorobenzene	ND	1.00	ug/l							
n-Butylbenzene	ND	1.00	ug/l							
1,2-Dichlorobenzene	ND	1.00	ug/l							
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.00	ug/l							
1,2,4-Trichlorobenzene	ND	1.00	ug/l							

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File #:74354
Report Date: 04/19/21
Submitted: 04/12/21
PLS Report No.: 2104100

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BD11331 - EPA 5030B										
Hexachlorobutadiene	ND	1.00	ug/l							
Naphthalene	ND	1.00	ug/l							
1,2,3-Trichlorobenzene	ND	1.00	ug/l							
Surrogate: Dibromofluoromethane	*15.3*		ug/l	*15.00*		*102*	*67-120*			
Surrogate: Toluene-d8	*14.9*		ug/l	*15.00*		*99.6*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*14.2*		ug/l	*15.00*		*94.9*	*76-120*			
LCS	**Prepared & Analyzed: 04/13/21**									
1,1-Dichloroethene	22.0	1.00	ug/l	20.00		110	77-138			
Methyl tert-butyl ether (MTBE)	19.9	1.00	ug/l	20.00		99.6	69-127			
Benzene	20.4	1.00	ug/l	20.00		102	80-124			
Trichloroethene (TCE)	21.3	1.00	ug/l	20.00		106	80-124			
1,4-Dioxane	117	25.0	ug/l	100.0		117	37-179			
Toluene	20.9	1.00	ug/l	20.00		105	80-122			
Chlorobenzene	21.2	1.00	ug/l	20.00		106	80-120			
Surrogate: Dibromofluoromethane	*15.0*		ug/l	*15.00*		*99.9*	*80-120*			
Surrogate: Toluene-d8	*14.9*		ug/l	*15.00*		*99.2*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*15.3*		ug/l	*15.00*		*102*	*80-120*			
Matrix Spike **Source: 2104100-02**	**Prepared & Analyzed: 04/13/21**									
1,1-Dichloroethene	20.6	1.00	ug/l	20.00	ND	103	56-150			
Benzene	19.4	1.00	ug/l	20.00	ND	96.8	63-134			
Trichloroethene (TCE)	20.7	1.00	ug/l	20.00	ND	103	62-141			
Toluene	20.9	1.00	ug/l	20.00	ND	105	68-128			
Chlorobenzene	22.7	1.00	ug/l	20.00	ND	113	68-126			
Surrogate: Dibromofluoromethane	*14.8*		ug/l	*15.00*		*98.9*	*72-120*			
Surrogate: Toluene-d8	*15.1*		ug/l	*15.00*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*15.3*		ug/l	*15.00*		*102*	*80-120*			
Matrix Spike Dup **Source: 2104100-02**	**Prepared & Analyzed: 04/13/21**									
1,1-Dichloroethene	20.2	1.00	ug/l	20.00	ND	101	56-150	1.91	20	
Benzene	19.2	1.00	ug/l	20.00	ND	95.8	63-134	1.09	20	
Trichloroethene (TCE)	19.9	1.00	ug/l	20.00	ND	99.4	62-141	3.99	20	
Toluene	20.4	1.00	ug/l	20.00	ND	102	68-128	2.52	20	
Chlorobenzene	21.7	1.00	ug/l	20.00	ND	108	68-126	4.46	20	
Surrogate: Dibromofluoromethane	*14.8*		ug/l	*15.00*		*98.4*	*72-120*			
Surrogate: Toluene-d8	*15.1*		ug/l	*15.00*		*101*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*15.3*		ug/l	*15.00*		*102*	*80-120*			
Batch BD11915 - EPA 3010A										
Blank	**Prepared & Analyzed: 04/16/21**									
Antimony	ND	0.020	mg/L							
Arsenic	ND	0.020	mg/L							

POSITIVE LAB SERVICE

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Certificate of Analysis

File #:74354
Report Date: 04/19/21
Submitted: 04/12/21
PLS Report No.: 2104100

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Quality Control Data

Analyte		Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BD11915 - EPA 3010A											
Barium		ND	0.010	mg/L							
Beryllium		ND	0.005	mg/L							
Cadmium		ND	0.005	mg/L							
Chromium		ND	0.010	mg/L							
Cobalt		ND	0.010	mg/L							
Copper		ND	0.010	mg/L							
Lead		ND	0.010	mg/L							
Molybdenum		ND	0.010	mg/L							
Nickel		ND	0.010	mg/L							
Selenium		ND	0.020	mg/L							
Silver		ND	0.010	mg/L							
Thallium		ND	0.010	mg/L							
Vanadium		ND	0.010	mg/L							
Zinc		ND	0.020	mg/L							
LCS		**Prepared & Analyzed: 04/16/21**									
Antimony		0.492	0.020	mg/L	0.5030		97.7	60-129			
Arsenic		0.469	0.020	mg/L	0.5058		92.7	85-115			
Barium		0.473	0.010	mg/L	0.5000		94.7	85-115			
Beryllium		0.095	0.005	mg/L	0.1006		94.1	85-115			
Cadmium		0.190	0.005	mg/L	0.2006		94.7	85-115			
Chromium		0.483	0.010	mg/L	0.5038		95.9	85-115			
Cobalt		0.197	0.010	mg/L	0.2002		98.5	85-115			
Copper		0.484	0.010	mg/L	0.5072		95.4	85-115			
Lead		0.490	0.010	mg/L	0.5068		96.7	85-115			
Molybdenum		0.191	0.010	mg/L	0.2022		94.2	85-115			
Nickel		0.481	0.010	mg/L	0.5058		95.0	85-115			
Selenium		0.487	0.020	mg/L	0.5000		97.5	85-115			
Thallium		0.484	0.010	mg/L	0.5074		95.4	85-115			
Vanadium		0.195	0.010	mg/L	0.2026		96.5	85-115			
Zinc		0.479	0.020	mg/L	0.5056		94.7	85-115			
LCS		**Prepared: 04/16/21 Analyzed: 04/19/21**									
Silver		0.055	0.010	mg/L	0.05005		110	85-115			
Matrix Spike	**Source: 2104100-01**	**Prepared & Analyzed: 04/16/21**									
Antimony		0.224	0.020	mg/L	0.5030	0.013	41.9	53-128			V-2
Arsenic		0.590	0.020	mg/L	0.5058	0.122	92.6	80-120			
Barium		6.67	0.010	mg/L	0.5000	6.31	72.7	80-120			V-2
Beryllium		0.090	0.005	mg/L	0.1006	0.005	84.5	80-120			
Cadmium		0.172	0.005	mg/L	0.2006	0.010	80.6	80-120			
Chromium		0.920	0.010	mg/L	0.5038	0.481	87.2	80-120			
Cobalt		0.310	0.010	mg/L	0.2002	0.145	82.3	80-120			

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Certificate of Analysis

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Los Angeles, CA 90045

File #:74354
Report Date: 04/19/21
Submitted: 04/12/21
PLS Report No.: 2104100

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Quality Control Data

Analyte		Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BD11915 - EPA 3010A											
Copper		0.868	0.010	mg/L	0.5072	0.397	92.7	80-120			
Lead		0.516	0.010	mg/L	0.5068	0.110	80.1	80-120			
Molybdenum		0.229	0.010	mg/L	0.2022	0.069	79.1	80-120			V-2
Nickel		0.751	0.010	mg/L	0.5058	0.339	81.4	80-120			
Selenium		0.505	0.020	mg/L	0.5000	ND	101	80-120			
Thallium		0.346	0.010	mg/L	0.5074	0.012	65.8	80-120			V-2
Vanadium		1.01	0.010	mg/L	0.2026	0.791	106	80-120			
Zinc		1.21	0.020	mg/L	0.5056	0.778	85.3	80-120			
Matrix Spike	**Source: 2104100-01**	**Prepared: 04/16/21 Analyzed: 04/19/21**									
Silver		0.052	0.010	mg/L	0.05005	ND	104	80-120			
Matrix Spike Dup	**Source: 2104100-01**	**Prepared & Analyzed: 04/16/21**									
Antimony		0.240	0.020	mg/L	0.5030	0.013	45.0	53-128	7.15	20	V-2
Arsenic		0.581	0.020	mg/L	0.5058	0.122	90.8	80-120	1.98	20	
Barium		6.33	0.010	mg/L	0.5000	6.31	5.74	80-120	171	20	V-2
Beryllium		0.090	0.005	mg/L	0.1006	0.005	84.3	80-120	0.169	20	
Cadmium		0.172	0.005	mg/L	0.2006	0.010	80.9	80-120	0.368	20	
Chromium		0.911	0.010	mg/L	0.5038	0.481	85.4	80-120	2.09	20	
Cobalt		0.311	0.010	mg/L	0.2002	0.145	82.7	80-120	0.588	20	
Copper		0.867	0.010	mg/L	0.5072	0.397	92.6	80-120	0.156	20	
Lead		0.515	0.010	mg/L	0.5068	0.110	79.9	80-120	0.277	20	V-2
Molybdenum		0.228	0.010	mg/L	0.2022	0.069	78.7	80-120	0.537	20	V-2
Nickel		0.744	0.010	mg/L	0.5058	0.339	80.0	80-120	1.74	20	
Selenium		0.499	0.020	mg/L	0.5000	ND	99.8	80-120	1.30	20	
Thallium		0.304	0.010	mg/L	0.5074	0.012	57.5	80-120	13.4	20	V-2
Vanadium		0.980	0.010	mg/L	0.2026	0.791	93.2	80-120	12.8	20	
Zinc		1.22	0.020	mg/L	0.5056	0.778	87.1	80-120	2.10	20	
Matrix Spike Dup	**Source: 2104100-01**	**Prepared: 04/16/21 Analyzed: 04/19/21**									
Silver		0.051	0.010	mg/L	0.05005	ND	102	80-120	1.96	20	
Batch BD11916 - EPA 245.1											
Blank		**Prepared & Analyzed: 04/16/21**									
Mercury		ND	1.00	ug/l							
LCS		**Prepared & Analyzed: 04/16/21**									
Mercury		5.08	1.00	ug/l	5.020		101	85-115			
Duplicate	**Source: 2104135-01**	**Prepared & Analyzed: 04/16/21**									
Mercury		ND	1.00	ug/l		ND				20	
Matrix Spike	**Source: 2104135-01**	**Prepared & Analyzed: 04/16/21**									
Mercury		5.46	1.00	ug/l	5.020	ND	109	80-120			

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Certificate of Analysis

File #:74354
Report Date: 04/19/21
Submitted: 04/12/21
PLS Report No.: 2104100

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Notes and Definitions

V-2	Out-of-Range recovery was due to sample Heterogeneity.
NA	Not Applicable
ND	Analyte NOT DETECTED at or above the detection limit
NR	Not Reported
MDL	Method Detection Limit
PQL	Practical Quantitation Limit

Environmental Laboratory Accreditation Program Certificate No. 1131, Mobile Lab No. 2534, LACSD No. 10138

Authorized Signature(s)

115824

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CHAIN OF CUSTODY AND ANALYSIS REQUEST

DATE: 4-12-21 PAGE 1 OF 1

LOG BOOK NO. _____ FILE NO. _____ LAB NO. 2104100

CLIENT NAME: ETI GLOBAL Project Name/No. 45.06065 P.O. NO. AIRBILL NO: _____

ADDRESS: ON FILE ANALYSES REQUESTED: COOLER TEMP: 2-5

PROJECT MANAGER: DAN JABLONSKI PHONE NO: FAX NO: PRESERVATIVE:

SAMPLER NAME: EZI ORTEMBERG (Signature) REMARKS:

TAT (Analytical Turn Around Time): 0 = Same Day; 1 = 1 Day; 2 = 2 Days; 3 = 3 Days; N = Normal (5-7 Working Days)

CONTAINER TYPES: B = Brass, E = Encore, G = Glass, P = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID# ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

	SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	MATRIX: SOIL	MATRIX: SLUDGE	MATRIX: OTHER	TAT	CONTAINER #	CONTAINER TYPE	VOCs 8260B	TPHfc 8015M	T22 Metals 6010B/7470A				Flash		SAMPLE CONDITION/ CONTAINER /COMMENTS:
1		4.9.21	1400	B1-GW-34	X				N	Y/3	G/P/V	X	X	X						
2			1115	B2-GW-29	X															
3			1300	B3-GW-29	X															
4			1330	B4-GW-29	X															
5			1230	B1-SS-30		X				Y/3	P/V							X		
6																				
7																				
8																				
9																				
10																				

Relinquished By: (Signature and Printed Name)	Received By: (Signature and Printed Name)	Date:	Time:
EZI ORTEMBERG	[signature]	4/12/21	10:52
[signature]	[signature] Guadalupe Tanaka	4/12/21	10:52

SPECIAL INSTRUCTIONS:

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days

By _____ Date _____

PRESERVATIVE: 1-HNO_3, 2-H_2SO_4, 3-HCL, 4-Zinc Acetate, 5-NaOH, 6-NH_4 Buffer, 7-Other

LAB COPY

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April 9, 2021

Client Name: EFI Global, Inc.
Project Name: 045.06065 –319/327 N. Harbor Blvd., San Pedro, CA
Report No. : 2104081

This letter details a soil vapor investigation done by Positive Lab Service (PLS) for EFI Global, Inc. on April 8, 2021.

PLS was contracted to perform a soil vapor survey at 319/327 N. Harbor Blvd., San Pedro, CA. The objective of the investigation was to determine if soil vapor contamination was present and the possible source area(s) of any contamination in the subsurface soil.

Scope of Work

A total of four sampling locations were tested for soil gas analysis. Each location had dual-nested probes with sample depths of 5ft. and 15ft. bgs. The collected vapor samples were analyzed on-site using PLS mobile laboratory.

Sampling Method

Samples at each location were taken from exiting vapor probes using a vacuum pump. The recommended time for vapor probe stabilization was allowed before any purging was done. Both purging and sampling was performed with a pump set to draw 200ml/min of soil vapor at a maximum vacuum of 100" of water. The pump was attached to the vapor well with tubing and the soil vapor was drawn into a 125ml glass sampling bulb. New tubing and bulbs were used at each probe to prevent cross contamination. A material blank using ambient air was collected and tested to identify any background contamination. Leak tests were performed using 1, 1-Difluoroethane at each sample probe to determine if any leaks existed in the vapor well. The presence of 1, 1-Difluoroethane at or above 0.150ug/l was reported in compliance with the Active Soil Gas Investigation Advisory, July 2015.

All sample probes produced adequate flow. All samples collected were purged to three purge volumes per Active Soil Gas Investigation Advisory, July 2015. Sampling rates, volumes, and pressures were recorded in a daily log and submitted to the client.

Sample Analysis

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Samples were immediately analyzed upon collection using a Hewlett Packard model 7890A series gas chromatograph equipped with a 5975C series mass spectrometer detector (GC/MS) utilizing a purge and trap method. The GC/MS used a J & W Scientific DB-624 column. An Eclipse 4760 purge and trap concentrator connected to an Archon autosampler was used to purge the sample for desorbtion onto the GC/MS system. Samples were loaded individually and autosampler sequencing was not used in processing samples. Sample results were collected on a PC using HP Chemstation software for data handling. Surrogate additions were added as part of the purging process. The calibration was performed using liquid standards that were converted to a vapor phase. The calibration was verified by two second source standards, one a converted liquid standard and the other a commercial vapor phase standard.

Results

The soil vapor results are listed in report number 2104081.

Quality Assurance

Calibration, Continuing Calibration Verification(s), and Second Source Calibration Verification standards were analyzed in accordance with the Active Soil Gas Investigation Advisory, July 2015. Laboratory Blank, Laboratory Control Sample, and Field Replicate results were included in the sample report. The Laboratory Replicate was not requested by the client.

Disclaimer

Information in this letter is solely derived from information gathered by PLS during the soil gas survey of April 8, 2021. Soil gas testing by PLS is a screening tool and PLS advises the recipient of this report to confirm any regulatory limits with the appropriate authorities before using the PQLs provided.

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781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

April 09, 2021

Daniel Jablonski
EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Report No.: 2104081

Project Name: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA (Mobile Lab 4/08/21)

Dear Daniel Jablonski,

This report contains the analytical results for the sample(s) received under chain of custody(s) by Positive Lab Service on April 08, 2021.

The test results in this report are performed in compliance with ELAP accreditation requirements for the certified parameters. The laboratory report may not be produced, except in full, without the written approval of the laboratory.

The issuance of the final Certificate of Analysis takes precedence over any previous Preliminary Report. Preliminary data should not be used for regulatory purposes. Authorized signature(s) is provided on final report only.

If you have any questions in reference to this report, please contact your Positive Lab Service coordinator.

Project Manager

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

File #:74354
Report Date: 04/09/21
Submitted: 04/08/21
PLS Report No.: 2104081

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA (Mobile Lab 4/08/21)

Sample ID: B3-SV-5 (3 Purges) Air (2104081-01) Sampled: 04/08/21 11:33 Received: 04/08/21 15:21

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
1,1-Difluoroethane (DFA)	ND		1	ug/l	0.150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Dichlorodifluoromethane (FC-12)	ND		1	ug/l	0.0300	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Vinyl chloride (Chloroethylene)	ND		1	ug/l	0.0130	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Chloroethane	ND		1	ug/l	0.0300	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Trichlorofluoromethane (FC-11)	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1-Dichloroethene	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Trichlorotrifluoroethane (Freon 113)	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Methylene chloride (Dichloromethane)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Acetone	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
trans-1,2-Dichloroethene	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Methyl tert-butyl ether (MTBE)	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Tert-butyl alcohol	ND		1	ug/l	0.150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Di-isopropyl ether	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1-Dichloroethane	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Ethyl tert-butyl ether	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
2,2-Dichloropropane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
cis-1,2-Dichloroethene	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Cyclohexane	ND		1	ug/l	0.100	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Chloroform	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Carbon tetrachloride	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1,1-Trichloroethane	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1-Dichloropropene	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
2-Butanone (MEK)	ND		1	ug/l	0.200	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Benzene	**0.0358**		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Tert-amyl methyl ether	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,2-Dichloroethane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Trichloroethene (TCE)	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,2-Dichloropropane	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,4-Dioxane	ND		1	ug/l	0.250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
cis-1,3-Dichloropropene	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Toluene	ND		1	ug/l	0.200	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Tetrachloroethene (PCE)	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
4-Methyl-2-pentanone (MIBK)	ND		1	ug/l	0.0500	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
trans-1,3-Dichloropropene	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1,2-Trichloroethane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Dibromochloromethane	ND		1	ug/l	0.0500	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,3-Dichloropropane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Chlorobenzene	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Ethylbenzene	ND		1	ug/l	0.150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1,1,2-Tetrachloroethane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
m,p-Xylene	**0.248**		1	ug/l	0.200	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
o-Xylene	ND		1	ug/l	0.150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1,2,2-Tetrachloroethane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,2,3-Trichloropropane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Surrogate: Dibromofluoromethane	*125 %*			*70-130*		*EPA 5030B*	*EPA 8260B*	*04/08/21*	*04/08/21*	*rp*	*BD10923*
Surrogate: Toluene-d8	*111 %*			*70-130*		*EPA 5030B*	*EPA 8260B*	*04/08/21*	*04/08/21*	*rp*	*BD10923*
Surrogate: 4-Bromofluorobenzene	*102 %*			*70-130*		*EPA 5030B*	*EPA 8260B*	*04/08/21*	*04/08/21*	*rp*	*BD10923*

POSITIVE LAB SERVICE

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Certificate of Analysis

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

File #:74354
Report Date: 04/09/21
Submitted: 04/08/21
PLS Report No.: 2104081

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA (Mobile Lab 4/08/21)

Sample ID: B3-SV-15 (3 Purges) Air (2104081-02) Sampled: 04/08/21 12:03 Received: 04/08/21 15:21

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
1,1-Difluoroethane (DFA)	ND		1	ug/l	0.150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Dichlorodifluoromethane (FC-12)	ND		1	ug/l	0.0300	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Vinyl chloride (Chloroethylene)	ND		1	ug/l	0.0130	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Chloroethane	ND		1	ug/l	0.0300	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Trichlorofluoromethane (FC-11)	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1-Dichloroethene	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Trichlorotrifluoroethane (Freon 113)	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Methylene chloride (Dichloromethane)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Acetone	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
trans-1,2-Dichloroethene	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Methyl tert-butyl ether (MTBE)	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Tert-butyl alcohol	ND		1	ug/l	0.150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Di-isopropyl ether	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1-Dichloroethane	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Ethyl tert-butyl ether	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
2,2-Dichloropropane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
cis-1,2-Dichloroethene	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Cyclohexane	ND		1	ug/l	0.100	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Chloroform	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Carbon tetrachloride	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1,1-Trichloroethane	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1-Dichloropropene	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
2-Butanone (MEK)	ND		1	ug/l	0.200	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Benzene	**0.0384**		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Tert-amyl methyl ether	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,2-Dichloroethane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Trichloroethene (TCE)	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,2-Dichloropropane	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,4-Dioxane	ND		1	ug/l	0.250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
cis-1,3-Dichloropropene	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Toluene	ND		1	ug/l	0.200	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Tetrachloroethene (PCE)	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
4-Methyl-2-pentanone (MIBK)	ND		1	ug/l	0.0500	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
trans-1,3-Dichloropropene	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1,2-Trichloroethane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Dibromochloromethane	ND		1	ug/l	0.0500	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,3-Dichloropropane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Chlorobenzene	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Ethylbenzene	**0.448**		1	ug/l	0.150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1,1,2-Tetrachloroethane	**1.85**		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
m,p-Xylene	**0.447**		1	ug/l	0.200	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
o-Xylene	ND		1	ug/l	0.150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1,2,2-Tetrachloroethane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,2,3-Trichloropropane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Surrogate: Dibromofluoromethane	*124 %*			*70-130*		*EPA 5030B*	*EPA 8260B*	*04/08/21*	*04/08/21*	*rp*	*BD10923*
Surrogate: Toluene-d8	*123 %*			*70-130*		*EPA 5030B*	*EPA 8260B*	*04/08/21*	*04/08/21*	*rp*	*BD10923*
Surrogate: 4-Bromofluorobenzene	*107 %*			*70-130*		*EPA 5030B*	*EPA 8260B*	*04/08/21*	*04/08/21*	*rp*	*BD10923*

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File #:74354
Report Date: 04/09/21
Submitted: 04/08/21
PLS Report No.: 2104081

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA (Mobile Lab 4/08/21)

Sample ID: B2-SV-5 (3 Purges) Air (2104081-03) Sampled: 04/08/21 12:33 Received: 04/08/21 15:21

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
1,1-Difluoroethane (DFA)	ND		1	ug/l	0.150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Dichlorodifluoromethane (FC-12)	ND		1	ug/l	0.0300	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Vinyl chloride (Chloroethylene)	ND		1	ug/l	0.0130	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Chloroethane	ND		1	ug/l	0.0300	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Trichlorofluoromethane (FC-11)	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1-Dichloroethene	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Trichlorotrifluoroethane (Freon 113)	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Methylene chloride (Dichloromethane)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Acetone	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
trans-1,2-Dichloroethene	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Methyl tert-butyl ether (MTBE)	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Tert-butyl alcohol	ND		1	ug/l	0.150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Di-isopropyl ether	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1-Dichloroethane	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Ethyl tert-butyl ether	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
2,2-Dichloropropane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
cis-1,2-Dichloroethene	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Cyclohexane	ND		1	ug/l	0.100	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Chloroform	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Carbon tetrachloride	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1,1-Trichloroethane	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1-Dichloropropene	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
2-Butanone (MEK)	ND		1	ug/l	0.200	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Benzene	**0.0351**		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Tert-amyl methyl ether	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,2-Dichloroethane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Trichloroethene (TCE)	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,2-Dichloropropane	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,4-Dioxane	ND		1	ug/l	0.250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
cis-1,3-Dichloropropene	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Toluene	ND		1	ug/l	0.200	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Tetrachloroethene (PCE)	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
4-Methyl-2-pentanone (MIBK)	ND		1	ug/l	0.0500	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
trans-1,3-Dichloropropene	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1,2-Trichloroethane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Dibromochloromethane	ND		1	ug/l	0.0500	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,3-Dichloropropane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Chlorobenzene	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Ethylbenzene	ND		1	ug/l	0.150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1,1,2-Tetrachloroethane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
m,p-Xylene	ND		1	ug/l	0.200	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
o-Xylene	ND		1	ug/l	0.150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1,2,2-Tetrachloroethane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,2,3-Trichloropropane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Surrogate: Dibromofluoromethane	*128 %*			*70-130*		*EPA 5030B*	*EPA 8260B*	*04/08/21*	*04/08/21*	*rp*	*BD10923*
Surrogate: Toluene-d8	*103 %*			*70-130*		*EPA 5030B*	*EPA 8260B*	*04/08/21*	*04/08/21*	*rp*	*BD10923*
Surrogate: 4-Bromofluorobenzene	*92.0 %*			*70-130*		*EPA 5030B*	*EPA 8260B*	*04/08/21*	*04/08/21*	*rp*	*BD10923*

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781 East Washington Blvd., Los Angeles, CA 90021
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5261 West Imperial Highway
Los Angeles, CA 90045

File #:74354
Report Date: 04/09/21
Submitted: 04/08/21
PLS Report No.: 2104081

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA (Mobile Lab 4/08/21)

Sample ID: B2-SV-15 (3 Purges) Air (2104081-04) Sampled: 04/08/21 13:07 Received: 04/08/21 15:21

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
1,1-Difluoroethane (DFA)	ND		1	ug/l	0.150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Dichlorodifluoromethane (FC-12)	ND		1	ug/l	0.0300	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Vinyl chloride (Chloroethylene)	ND		1	ug/l	0.0130	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Chloroethane	ND		1	ug/l	0.0300	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Trichlorofluoromethane (FC-11)	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1-Dichloroethene	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Trichlorotrifluoroethane (Freon 113)	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Methylene chloride (Dichloromethane)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Acetone	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
trans-1,2-Dichloroethene	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Methyl tert-butyl ether (MTBE)	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Tert-butyl alcohol	ND		1	ug/l	0.150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Di-isopropyl ether	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1-Dichloroethane	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Ethyl tert-butyl ether	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
2,2-Dichloropropane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
cis-1,2-Dichloroethene	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Cyclohexane	ND		1	ug/l	0.100	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Chloroform	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Carbon tetrachloride	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1,1-Trichloroethane	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1-Dichloropropene	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
2-Butanone (MEK)	ND		1	ug/l	0.200	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Benzene	**0.0383**		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Tert-amyl methyl ether	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,2-Dichloroethane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Trichloroethene (TCE)	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,2-Dichloropropane	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,4-Dioxane	ND		1	ug/l	0.250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
cis-1,3-Dichloropropene	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Toluene	ND		1	ug/l	0.200	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Tetrachloroethene (PCE)	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
4-Methyl-2-pentanone (MIBK)	ND		1	ug/l	0.0500	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
trans-1,3-Dichloropropene	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1,2-Trichloroethane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Dibromochloromethane	ND		1	ug/l	0.0500	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,3-Dichloropropane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Chlorobenzene	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Ethylbenzene	ND		1	ug/l	0.150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1,1,2-Tetrachloroethane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
m,p-Xylene	ND		1	ug/l	0.200	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
o-Xylene	ND		1	ug/l	0.150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1,2,2-Tetrachloroethane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,2,3-Trichloropropane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Surrogate: Dibromofluoromethane	*126 %*			*70-130*		*EPA 5030B*	*EPA 8260B*	*04/08/21*	*04/08/21*	*rp*	*BD10923*
Surrogate: Toluene-d8	*104 %*			*70-130*		*EPA 5030B*	*EPA 8260B*	*04/08/21*	*04/08/21*	*rp*	*BD10923*
Surrogate: 4-Bromofluorobenzene	*94.7 %*			*70-130*		*EPA 5030B*	*EPA 8260B*	*04/08/21*	*04/08/21*	*rp*	*BD10923*

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File #:74354
Report Date: 04/09/21
Submitted: 04/08/21
PLS Report No.: 2104081

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA (Mobile Lab 4/08/21)

Sample ID: B4-SV-5 (3 Purges) Air (2104081-05) Sampled: 04/08/21 13:33 Received: 04/08/21 15:21

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
1,1-Difluoroethane (DFA)	ND		1	ug/l	0.150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Dichlorodifluoromethane (FC-12)	ND		1	ug/l	0.0300	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Vinyl chloride (Chloroethylene)	ND		1	ug/l	0.0130	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Chloroethane	ND		1	ug/l	0.0300	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Trichlorofluoromethane (FC-11)	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1-Dichloroethene	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Trichlorotrifluoroethane (Freon 113)	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Methylene chloride (Dichloromethane)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Acetone	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
trans-1,2-Dichloroethene	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Methyl tert-butyl ether (MTBE)	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Tert-butyl alcohol	ND		1	ug/l	0.150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Di-isopropyl ether	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1-Dichloroethane	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Ethyl tert-butyl ether	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
2,2-Dichloropropane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
cis-1,2-Dichloroethene	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Cyclohexane	ND		1	ug/l	0.100	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Chloroform	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Carbon tetrachloride	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BO10923
1,1,1-Trichloroethane	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1-Dichloropropene	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
2-Butanone (MEK)	ND		1	ug/l	0.200	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Benzene	**0.0342**		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Tert-amyl methyl ether	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,2-Dichloroethane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Trichloroethene (TCE)	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,2-Dichloropropane	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,4-Dioxane	ND		1	ug/l	0.250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
cis-1,3-Dichloropropene	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Toluene	ND		1	ug/l	0.200	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Tetrachloroethene (PCE)	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
4-Methyl-2-pentanone (MIBK)	ND		1	ug/l	0.0500	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
trans-1,3-Dichloropropene	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1,2-Trichloroethane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Dibromochloromethane	ND		1	ug/l	0.0500	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,3-Dichloropropane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Chlorobenzene	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Ethylbenzene	ND		1	ug/l	0.150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1,1,2-Tetrachloroethane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
m,p-Xylene	ND		1	ug/l	0.200	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
o-Xylene	ND		1	ug/l	0.150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1,2,2-Tetrachloroethane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,2,3-Trichloropropane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Surrogate: Dibromofluoromethane	*128 %*			*70-130*		*EPA 5030B*	*EPA 8260B*	*04/08/21*	*04/08/21*	*rp*	*BD10923*
Surrogate: Toluene-d8	*107 %*			*70-130*		*EPA 5030B*	*EPA 8260B*	*04/08/21*	*04/08/21*	*rp*	*BD10923*
Surrogate: 4-Bromofluorobenzene	*93.6 %*			*70-130*		*EPA 5030B*	*EPA 8260B*	*04/08/21*	*04/08/21*	*rp*	*BD10923*

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File #:74354
Report Date: 04/09/21
Submitted: 04/08/21
PLS Report No.: 2104081

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA (Mobile Lab 4/08/21)

Sample ID: B4-SV-15 (3 Purges) Air (2104081-06) Sampled: 04/08/21 14:00 Received: 04/08/21 15:21

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
1,1-Difluoroethane (DFA)	ND		1	ug/l	0.150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Dichlorodifluoromethane (FC-12)	ND		1	ug/l	0.0300	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Vinyl chloride (Chloroethylene)	ND		1	ug/l	0.0130	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Chloroethane	ND		1	ug/l	0.0300	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Trichlorofluoromethane (FC-11)	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1-Dichloroethene	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Trichlorotrifluoroethane (Freon 113)	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Methylene chloride (Dichloromethane)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Acetone	**1.89**		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
trans-1,2-Dichloroethene	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Methyl tert-butyl ether (MTBE)	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Tert-butyl alcohol	ND		1	ug/l	0.150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Di-isopropyl ether	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1-Dichloroethane	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Ethyl tert-butyl ether	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
2,2-Dichloropropane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
cis-1,2-Dichloroethene	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Cyclohexane	ND		1	ug/l	0.100	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Chloroform	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Carbon tetrachloride	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1,1-Trichloroethane	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1-Dichloropropene	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
2-Butanone (MEK)	ND		1	ug/l	0.200	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Benzene	**0.0330**		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Tert-amyl methyl ether	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,2-Dichloroethane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Trichloroethene (TCE)	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,2-Dichloropropane	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,4-Dioxane	ND		1	ug/l	0.250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
cis-1,3-Dichloropropene	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Toluene	ND		1	ug/l	0.200	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Tetrachloroethene (PCE)	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
4-Methyl-2-pentanone (MIBK)	ND		1	ug/l	0.0500	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
trans-1,3-Dichloropropene	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1,2-Trichloroethane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Dibromochloromethane	ND		1	ug/l	0.0500	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,3-Dichloropropane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Chlorobenzene	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Ethylbenzene	**0.840**		1	ug/l	0.150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1,1,2-Tetrachloroethane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
m,p-Xylene	**3.44**		1	ug/l	0.200	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
o-Xylene	**0.863**		1	ug/l	0.150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1,2,2-Tetrachloroethane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,2,3-Trichloropropane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Surrogate: Dibromofluoromethane	*127 %*			*70-130*		*EPA 5030B*	*EPA 8260B*	*04/08/21*	*04/08/21*	*rp*	*BD10923*
Surrogate: Toluene-d8	*134 %*	*DO*		*70-130*		*EPA 5030B*	*EPA 8260B*	*04/08/21*	*04/08/21*	*rp*	*BD10923*
Surrogate: 4-Bromofluorobenzene	*109 %*			*70-130*		*EPA 5030B*	*EPA 8260B*	*04/08/21*	*04/08/21*	*rp*	*BD10923*

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Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

File #:74354
Report Date: 04/09/21
Submitted: 04/08/21
PLS Report No.: 2104081

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA (Mobile Lab 4/08/21)

Sample ID: B1-SV-5 (3 Purges) Air (2104081-07) Sampled: 04/08/21 14:58 Received: 04/08/21 15:21

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
1,1-Difluoroethane (DFA)	ND		1	ug/l	0.150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Dichlorodifluoromethane (FC-12)	ND		1	ug/l	0.0300	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Vinyl chloride (Chloroethylene)	ND		1	ug/l	0.0130	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Chloroethane	ND		1	ug/l	0.0300	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Trichlorofluoromethane (FC-11)	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1-Dichloroethene	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Trichlorotrifluoroethane (Freon 113)	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Methylene chloride (Dichloromethane)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Acetone	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
trans-1,2-Dichloroethene	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Methyl tert-butyl ether (MTBE)	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Tert-butyl alcohol	ND		1	ug/l	0.150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Di-isopropyl ether	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1-Dichloroethane	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Ethyl tert-butyl ether	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
2,2-Dichloropropane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
cis-1,2-Dichloroethene	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Cyclohexane	ND		1	ug/l	0.100	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Chloroform	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Carbon tetrachloride	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1,1-Trichloroethane	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1-Dichloropropene	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
2-Butanone (MEK)	ND		1	ug/l	0.200	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Benzene	**0.0428**		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Tert-amyl methyl ether	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,2-Dichloroethane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Trichloroethene (TCE)	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,2-Dichloropropane	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,4-Dioxane	ND		1	ug/l	0.250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
cis-1,3-Dichloropropene	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Toluene	ND		1	ug/l	0.200	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Tetrachloroethene (PCE)	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
4-Methyl-2-pentanone (MIBK)	ND		1	ug/l	0.0500	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
trans-1,3-Dichloropropene	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1,2-Trichloroethane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Dibromochloromethane	ND		1	ug/l	0.0500	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,3-Dichloropropane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Chlorobenzene	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Ethylbenzene	ND		1	ug/l	0.150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1,1,2-Tetrachloroethane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
m,p-Xylene	ND		1	ug/l	0.200	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
o-Xylene	ND		1	ug/l	0.150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1,2,2-Tetrachloroethane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,2,3-Trichloropropane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Surrogate: Dibromofluoromethane	*127 %*			*70-130*		*EPA 5030B*	*EPA 8260B*	*04/08/21*	*04/08/21*	*rp*	*BD10923*
Surrogate: Toluene-d8	*104 %*			*70-130*		*EPA 5030B*	*EPA 8260B*	*04/08/21*	*04/08/21*	*rp*	*BD10923*
Surrogate: 4-Bromofluorobenzene	*93.1 %*			*70-130*		*EPA 5030B*	*EPA 8260B*	*04/08/21*	*04/08/21*	*rp*	*BD10923*

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File #:74354
Report Date: 04/09/21
Submitted: 04/08/21
PLS Report No.: 2104081

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA (Mobile Lab 4/08/21)

Sample ID: B1-SV-15 (3 Purges) Air (2104081-08) Sampled: 04/08/21 15:21 Received: 04/08/21 15:21

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
1,1-Difluoroethane (DFA)	ND		1	ug/l	0.150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Dichlorodifluoromethane (FC-12)	ND		1	ug/l	0.0300	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Vinyl chloride (Chloroethylene)	ND		1	ug/l	0.0130	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Chloroethane	ND		1	ug/l	0.0300	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Trichlorofluoromethane (FC-11)	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1-Dichloroethene	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Trichlorotrifluoroethane (Freon 113)	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Methylene chloride (Dichloromethane)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Acetone	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
trans-1,2-Dichloroethene	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Methyl tert-butyl ether (MTBE)	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Tert-butyl alcohol	ND		1	ug/l	0.150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Di-isopropyl ether	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1-Dichloroethane	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Ethyl tert-butyl ether	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
2,2-Dichloropropane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
cis-1,2-Dichloroethene	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Cyclohexane	**0.142**		1	ug/l	0.100	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Chloroform	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Carbon tetrachloride	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1,1-Trichloroethane	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1-Dichloropropene	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
2-Butanone (MEK)	ND		1	ug/l	0.200	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Benzene	**0.0343**		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Tert-amyl methyl ether	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,2-Dichloroethane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Trichloroethene (TCE)	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,2-Dichloropropane	ND		1	ug/l	0.0150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,4-Dioxane	ND		1	ug/l	0.250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
cis-1,3-Dichloropropene	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Toluene	ND		1	ug/l	0.200	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Tetrachloroethene (PCE)	**0.0329**		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
4-Methyl-2-pentanone (MIBK)	ND		1	ug/l	0.0500	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
trans-1,3-Dichloropropene	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1,2-Trichloroethane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Dibromochloromethane	ND		1	ug/l	0.0500	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,3-Dichloropropane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Chlorobenzene	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Ethylbenzene	ND		1	ug/l	0.150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1,1,2-Tetrachloroethane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
m,p-Xylene	ND		1	ug/l	0.200	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
o-Xylene	ND		1	ug/l	0.150	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,1,2,2-Tetrachloroethane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
1,2,3-Trichloropropane	ND		1	ug/l	0.0250	EPA 5030B	EPA 8260B	04/08/21	04/08/21	rp	BD10923
Surrogate: Dibromofluoromethane	*122 %*			*70-130*		*EPA 5030B*	*EPA 8260B*	*04/08/21*	*04/08/21*	*rp*	*BD10923*
Surrogate: Toluene-d8	*108 %*			*70-130*		*EPA 5030B*	*EPA 8260B*	*04/08/21*	*04/08/21*	*rp*	*BD10923*
Surrogate: 4-Bromofluorobenzene	*91.0 %*			*70-130*		*EPA 5030B*	*EPA 8260B*	*04/08/21*	*04/08/21*	*rp*	*BD10923*

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File #:74354
Report Date: 04/09/21
Submitted: 04/08/21
PLS Report No.: 2104081

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA (Mobile Lab 4/08/21)

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BD10923 - EPA 5030B										
Blank	**Prepared & Analyzed: 04/08/21**									
1,1-Difluoroethane (DFA)	ND	0.150	ug/l							
Dichlorodifluoromethane (FC-12)	ND	0.0300	ug/l							
Vinyl chloride (Chloroethylene)	ND	0.0130	ug/l							
Chloroethane	ND	0.0300	ug/l							
Trichlorofluoromethane (FC-11)	ND	0.0150	ug/l							
1,1-Dichloroethene	ND	0.0250	ug/l							
Trichlorotrifluoroethane (Freon 113)	ND	0.0250	ug/l							
Methylene chloride (Dichloromethane)	ND	1.00	ug/l							
Acetone	ND	1.00	ug/l							
trans-1,2-Dichloroethene	ND	0.0150	ug/l							
Methyl tert-butyl ether (MTBE)	ND	0.0250	ug/l							
Tert-butyl alcohol	ND	0.150	ug/l							
Di-isopropyl ether	ND	0.0250	ug/l							
1,1-Dichloroethane	ND	0.0150	ug/l							
Ethyl tert-butyl ether	ND	0.0250	ug/l							
2,2-Dichloropropane	ND	0.0250	ug/l							
cis-1,2-Dichloroethene	ND	0.0150	ug/l							
Cyclohexane	ND	0.100	ug/l							
Chloroform	ND	0.0250	ug/l							
Carbon tetrachloride	ND	0.0250	ug/l							
1,1,1-Trichloroethane	ND	0.0150	ug/l							
1,1-Dichloropropene	ND	0.0250	ug/l							
2-Butanone (MEK)	ND	0.200	ug/l							
Benzene	ND	0.0250	ug/l							
Tert-amyl methyl ether	ND	0.0250	ug/l							
1,2-Dichloroethane	ND	0.0250	ug/l							
Trichloroethene (TCE)	ND	0.0150	ug/l							
1,2-Dichloropropane	ND	0.0150	ug/l							
1,4-Dioxane	ND	0.250	ug/l							
cis-1,3-Dichloropropene	ND	0.0250	ug/l							
Toluene	ND	0.200	ug/l							
Tetrachloroethene (PCE)	ND	0.0250	ug/l							
4-Methyl-2-pentanone (MIBK)	ND	0.0500	ug/l							
trans-1,3-Dichloropropene	ND	0.0250	ug/l							
1,1,2-Trichloroethane	ND	0.0250	ug/l							
Dibromochloromethane	ND	0.0500	ug/l							
1,3-Dichloropropane	ND	0.0250	ug/l							
Chlorobenzene	ND	0.0250	ug/l							
Ethylbenzene	ND	0.150	ug/l							
1,1,1,2-Tetrachloroethane	ND	0.0250	ug/l							

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Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA (Mobile Lab 4/08/21)

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BD10923 - EPA 5030B										
m,p-Xylene	ND	0.200	ug/l							
o-Xylene	ND	0.150	ug/l							
1,1,2,2-Tetrachloroethane	ND	0.0250	ug/l							
1,2,3-Trichloropropane	ND	0.0250	ug/l							
Surrogate: Dibromofluoromethane	*12.8*		ug/l	*10.00*		*128*	*70-130*			
Surrogate: Toluene-d8	*11.0*		ug/l	*10.00*		*110*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*9.54*		ug/l	*10.00*		*95.4*	*70-130*			
LCS	**Prepared & Analyzed: 04/08/21**									
1,1-Dichloroethene	9.86	0.0250	ug/l	10.00		98.6	70-130			
Methyl tert-butyl ether (MTBE)	10.1	0.0250	ug/l	10.00		101	70-130			
Benzene	10.3	0.0250	ug/l	10.00		103	70-130			
Trichloroethene (TCE)	10.7	0.0150	ug/l	10.00		107	70-130			
Toluene	11.3	0.200	ug/l	10.00		113	70-130			
Chlorobenzene	10.8	0.0250	ug/l	10.00		108	70-130			
Surrogate: Dibromofluoromethane	*9.55*		ug/l	*10.00*		*95.5*	*70-130*			
Surrogate: Toluene-d8	*10.9*		ug/l	*10.00*		*109*	*70-130*			
Surrogate: 4-Bromofluorobenzene	*9.23*		ug/l	*10.00*		*92.3*	*70-130*			
Duplicate **Source: 2104081-06**	**Prepared & Analyzed: 04/08/21**									
1,1-Difluoroethane (DFA)	ND	0.150	ug/l		ND				25	
Dichlorodifluoromethane (FC-12)	ND	0.0300	ug/l		ND				25	
Vinyl chloride (Chloroethylene)	ND	0.0130	ug/l		ND				25	
Chloroethane	ND	0.0300	ug/l		ND				25	
Trichlorofluoromethane (FC-11)	ND	0.0150	ug/l		ND				25	
1,1-Dichloroethene	ND	0.0250	ug/l		ND				25	
Trichlorotrifluoroethane (Freon 113)	ND	0.0250	ug/l		ND				25	
Methylene chloride (Dichloromethane)	ND	1.00	ug/l		ND				25	
Acetone	1.45	1.00	ug/l		1.89			26.6	25	
trans-1,2-Dichloroethene	ND	0.0150	ug/l		ND				25	
Methyl tert-butyl ether (MTBE)	ND	0.0250	ug/l		ND				25	
Tert-butyl alcohol	ND	0.150	ug/l		ND				25	
Di-isopropyl ether	ND	0.0250	ug/l		ND				25	
1,1-Dichloroethane	ND	0.0150	ug/l		ND				25	
Ethyl tert-butyl ether	ND	0.0250	ug/l		ND				25	
2,2-Dichloropropane	ND	0.0250	ug/l		ND				25	
cis-1,2-Dichloroethene	ND	0.0150	ug/l		ND				25	
Cyclohexane	ND	0.100	ug/l		ND				25	
Chloroform	ND	0.0250	ug/l		ND				25	
Carbon tetrachloride	ND	0.0250	ug/l		ND				25	
1,1,1-Trichloroethane	ND	0.0150	ug/l		ND				25	
1,1-Dichloropropene	ND	0.0250	ug/l		ND				25	
2-Butanone (MEK)	ND	0.200	ug/l		ND				25	

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

File #:74354
Report Date: 04/09/21
Submitted: 04/08/21
PLS Report No.: 2104081

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA (Mobile Lab 4/08/21)

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BD10923 - EPA 5030B										
Benzene	0.0306	0.0250	ug/l		0.0330			7.43	25	
Tert-amyl methyl ether	ND	0.0250	ug/l		ND				25	
1,2-Dichloroethane	ND	0.0250	ug/l		ND				25	
Trichloroethene (TCE)	ND	0.0150	ug/l		ND				25	
1,2-Dichloropropane	ND	0.0150	ug/l		ND				25	
1,4-Dioxane	ND	0.250	ug/l		ND				25	
cis-1,3-Dichloropropene	ND	0.0250	ug/l		ND				25	
Toluene	ND	0.200	ug/l		ND				25	
Tetrachloroethene (PCE)	ND	0.0250	ug/l		ND				25	
4-Methyl-2-pentanone (MIBK)	ND	0.0500	ug/l		ND				25	
trans-1,3-Dichloropropene	ND	0.0250	ug/l		ND				25	
1,1,2-Trichloroethane	ND	0.0250	ug/l		ND				25	
Dibromochloromethane	ND	0.0500	ug/l		ND				25	
1,3-Dichloropropane	ND	0.0250	ug/l		ND				25	
Chlorobenzene	ND	0.0250	ug/l		ND				25	
Ethylbenzene	0.672	0.150	ug/l		0.840			22.2	25	
1,1,1,2-Tetrachloroethane	ND	0.0250	ug/l		ND				25	
m,p-Xylene	2.83	0.200	ug/l		3.44			19.5	25	
o-Xylene	0.693	0.150	ug/l		0.863			21.8	25	
1,1,2,2-Tetrachloroethane	ND	0.0250	ug/l		ND				25	
1,2,3-Trichloropropane	ND	0.0250	ug/l		ND				25	
Surrogate: Dibromofluoromethane	*12.3*		ug/l	*10.00*		*123*	*70-130*			
Surrogate: Toluene-d8	*13.4*		ug/l	*10.00*		*134*	*70-130*			*DO*
Surrogate: 4-Bromofluorobenzene	*10.6*		ug/l	*10.00*		*106*	*70-130*			

Notes and Definitions

DO	Coeluting Peaks
NA	Not Applicable
ND	Analyte NOT DETECTED at or above the detection limit
NR	Not Reported
MDL	Method Detection Limit
PQL	Practical Quantitation Limit

Environmental Laboratory Accreditation Program Certificate No. 1131, Mobile Lab No. 2534, LACSD No. 10138

Authorized Signature(s)

115822

POSITIVE LAB SERVICE

CHAIN OF CUSTODY AND ANALYSIS REQUEST

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

DATE: 04-08-21 PAGE 1 OF 1

LOG BOOK NO. _____ FILE NO. _____ LAB NO. 2404081

CLIENT NAME: EFI Global, Inc. Project Name/No. 45.06065 319/327 N. Harbor Blvd San Pedro, CA P.O. NO.

AIRBILL NO: M. Lab Ambient

ADDRESS: 5261 West Imperial Highway, Los Angeles, CA 90045

~~COOLER~~ TEMP: 70°F

PROJECT MANAGER: Daniel Jablonski PHONE NO: (310) 854-6300 FAX NO: on file

PRESERVATIVE: 21.1°C

SAMPLER NAME: Anthony Lopez de Santa Anna (Signature)

TAT (Analytical Turn Around Time): 0 = Same Day; 1 = 1 Day; 2 = 2 Days; 3 = 3 Days; N = Normal (5-7 Working Days)

CONTAINER TYPES: B = Brass, E = Encore, G = Glass, P = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID# ___

ANALYSES REQUESTED: EPA 8260B (Air List Vocs + ox)

REMARKS:

	SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	SOIL	SLUDGE	OTHER	TAT	CONTAINER #	TYPE	EPA 8260B (Air List Vocs + ox)	SAMPLE CONDITION/ CONTAINER /COMMENTS:
1	1	04/08/21	11:33	B3-SV-5 (3 purges)				/	0	1	G	X	
2	2		12:03	B3-SV-15 (3 purges)				/				X	
3	3		12:33	B2-SV-5 (3 purges)				/				X	
4	4		1307	B2-SV-15 (3 purges)				/				X	
5	5		1333	B4-SV-5 (3 purges)				/				X	
6	6		1400	B4-SV-15 (3 purges)				/		2		X	Includes QC Replicate
7	7		1458	B1-SV-5 (3 purges)				/		1		X	
8	8		1521	B1-SV-15 (3 purges)				/				X	
9													
10													

Relinquished By: (Signature and Printed Name)	Received By: (Signature and Printed Name)	Date:	Time:
Anthony Lopez de Santa Anna	NA	04/08/21	1817
Relinquished By: (Signature and Printed Name)	Received By: (Signature and Printed Name)	Date:	Time:
Relinquished By: (Signature and Printed Name)	Received By: (Signature and Printed Name)	Date:	Time:

SPECIAL INSTRUCTIONS:

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days

By _____ Date _____

PRESERVATIVE: 1-HNO_3, 2-H_2SO_4, 3-HCL, 4-Zinc Acetate, 5-NaOH, 6-NH_4 Buffer, 7-Other

LAB COPY

efi global

Supplemental Site Investigation Report

Performed at:
319-327 North Harbor Boulevard
San Pedro, California 90731

Prepared for:
Housing Authority of the City of Los Angeles
2600 Wilshire Boulevard, 4th Floor
Los Angeles, California 90057

Project Number:
045.06520

July 19, 2021

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1.0 INTRODUCTION

EFI Global has performed a Supplemental Site Investigation (SSI) at the former commercial/industrial property located at 319-327 North Harbor Boulevard, San Pedro, California (the Site). This assessment was performed based on the findings and recommendations provided in EFI Global's *Phase II Environmental Site Assessment Report*, dated May 25, 2021 (EFI, 2021). The results of the Phase II report identified a risk to human health due to the presence of volatile organic compounds (VOCs) in soil vapor, specifically benzene, and thus a vapor barrier for future residential buildings was recommended. Additional shallow soil and groundwater assessments were also recommended to further assess subsurface conditions at the Site.

The objective of the SSI presented herein is to assess if shallow soils and groundwater have been impacted by former operations at the Site. The shallow soils data will be used to develop a Soil Management Plan to provide a framework for managing potentially impacted soils during future Site redevelopment.

To meet project objectives, a total of 12 borings were advanced across the Site to a maximum depth of 4.5 feet below ground surface (bgs) to facilitate the collection of discrete-depth soil samples. Soil samples were analyzed for total petroleum hydrocarbons carbons (TPH) and Title 22 metals. Select soil samples were also analyzed for hexavalent chromium. In addition, three groundwater monitoring wells were installed and sampled for TPH, VOCs, total and dissolved Title 22 metals, and hexavalent chromium analyses. Based on the understanding that the Site will be redeveloped and used for residential purposes in the future, the Site was assessed for a residential land use scenario.

2.0 SITE INFORMATION

This section provides pertinent site information, including the location, a description, and the geologic and hydrogeologic settings.

2.1 SITE LOCATION AND DESCRIPTION

The Site is located on the southwest corner of the intersection of North Harbor Boulevard and West Ofarrell Street, in the city of San Pedro (Figure 1). The Site is a vacant parcel that is approximately 0.56 acre in size (Figure 2). According to Partner Engineering (Partner), the subject property is designated for community commercial development by the City of Los Angeles (Partner, 2021). The surrounding properties are generally used for commercial and residential purposes.

2.2 REGIONAL AND HYDROGEOLOGIC SETTING

The Site is located in the Coastal Plain, which is a part of the Peninsular Ranges geomorphic province. The Peninsular Ranges province, which is characterized by northwest-trending topographic and structural features, is bound by the Transverse Ranges province to the north and the Colorado Desert Province to the east *(California Geomorphic Provinces Note 36*, California Geological Survey, December 2002).

The Site is located in the West Coast Subbasin of the Coastal Plain of Los Angeles Groundwater Basin. This subbasin is bounded on the north by the Ballona Escarpment, on the east by the Newport-Inglewood fault zone, and on the south and west by the Pacific Ocean and consolidated rocks of the Palos Verdes Hills. The surface of the subbasin is crossed in the south by the Los Angeles River through the Dominguez Gap, and the San Gabriel River through the Alamitos Gap, both of which then flow into the San Pedro Bay (*California's Groundwater Bulletin 118,* California Department of Water Resources [CDWR], February 2004).

The water bearing deposits include the unconsolidated and semi-consolidated marine and alluvial sediments of the Holocene, Pleistocene, and Pliocene ages. The principal aquifers present in the subbasin include the Semiperched, Bellflower, Gaspur, Gardena, Gage, Lynwood, and Silverado. The Semiperched aquifer of both

Holocene and Pleistocene age is unconfined. The water in the underlying aquifers is confined throughout most of the Basin, though the Gage and Gardena aquifers are unconfined where water levels have dropped below the Bellflower aquiclude (CDWR, 2004).

2.3 LOCAL GEOLOGIC AND HYDROGEOLOGIC SETTINGS

The elevation of the Site is approximately 25 feet above mean sea level. Based on the findings of this SSI, depth to groundwater ranged between approximately 16 and 20 feet bgs, with a groundwater flow direction to the southeast as further discussed in Section 5.0.

SSI activities also indicate a layer of fill material is present throughout the entirety of the Site at depths ranging from approximately 2 to 7.5 feet bgs. The fill material is primarily composed of soils (primarily silty sand) with concrete, brick, and/or asphalt fragments. The presence of fill material is discussed further in Section 6.3.

3.0 PREVIOUS INVESTIGATIONS

EFI Global performed a review of historical documents to assess previous investigations at the Site. The review identified several previous investigations which are not summarized herein. A full description of those investigations was presented in EFI Global's *Phase II Environmental Assessment Report* (EFI, 2021). A brief summary of the Phase I Environmental Site Assessment (ESA) performed by Partner Engineering (Partner) and EFI Global's Phase II ESA are provided below.

3.1 PHASE I ENVIRONMENTAL SITE ASSESSMENT, MARCH 2021

Partner performed a Phase I ESA at the Site in March 2021 (Partner, 2021). According to Partner, historical site use at the subject property included several commercial structures occupied by a machine shop between 1925 and 1938, a copper facility in 1943, an automobile repair facility from 1959 to approximately 1969, and a battery manufacturer from 1950 to 2007. South Coast Air Quality Management District (SCAQMD) records show that in 1956, permits were issued to operate lead melting furnaces, a battery group table and associated exhaust system/venting equipment.

Based on the results of previous investigations and excavation activities completed, the Phase I ESA concluded that the lead-impacted soils from historical on-site operations appear to have been properly addressed and removed from the property for off-site disposal; however, groundwater did not appear to have been adequately investigated. Given the historical use of the Site, in conjunction with the elevated concentrations reported in the results of the 2006 soil gas sampling and shallow depth to groundwater, the subject property's unknown groundwater conditions resulting from historical on-site operations, were considered a Recognized Environmental Condition (REC).

Based on the conclusions of the Phase I ESA, the following recommendations were provided by Partner:

- A subsurface investigation should be conducted in order to determine the presences or absence of groundwater contamination due to the historical use of the subject property.
- Since future construction plans will likely involve significant excavation of soils and may require dewatering activities, care should be taken during redevelopment. Any subsurface improvements and/or contaminated media encountered during redevelopment activities should be removed and properly disposed in accordance with applicable regulations.

3.2 PHASE II ENVIRONMENTAL SITE ASSESSMENT REPORT, EFI GLOBAL, APRIL 2021

EFI Global performed a Phase II ESA at the Site in April 2021. This assessment was performed based on the findings of the Phase I ESA by Partner, dated March 3, 2021. To further assess subsurface conditions at the Site, four soil borings locations were advanced to a maximum depth of 40 feet bgs to facilitate the collection of soil, groundwater, and soil vapor samples. Soil and groundwater samples were analyzed for Title 22 metals, TPH, and VOCs. Soil vapor samples were also analyzed for VOCs.

The results of the Phase II ESA identified a risk to human health due to the presence of VOCs in soil vapor. Additional data were still needed to assess if shallow soils and groundwater have been impacted by former operations at the Site. Therefore, EFI recommended the following:

- Perform additional soil sampling at approximately 12 locations to further characterize shallow soils (less than 5 feet bgs) and utilize the data to facilitate preparation of a Soil Management Plan.
- Install three 2-inch diameter monitoring wells at the Site to confirm groundwater flow direction and whether dissolved phase metals have impacted groundwater beneath the Site.
- Install a vapor barrier beneath future residential buildings to mitigate potential vapor intrusion from subsurface VOCs.
- Consider DTSC's Lead-Acid Battery Recycling Facility Investigation and Cleanup (LABRIC) Program and inquire as to the likelihood this former facility will be investigated in the future for aerial emissions and off-site releases.

4.0 WORK PERFORMED

All field activities pertaining to this SSI were completed between June 8 and June 23, 2021.

4.1 FIELD PREPARATION

Prior to conducting field activities, EFI Global personnel marked the work area with white paint. Underground Service Alert (USA) was notified of the pending fieldwork a minimum of two full working days before mobilization. Subsurface geophysical utility clearance was also performed at each of the three monitoring well locations using a private geophysical surveying contractor. No conflicts with utilities were identified in the chosen well locations.

As required by the Environmental Health Division Drinking Water Program of the Los Angeles County Department of Public Health, well construction permits were obtained prior to the start of drilling and were available on-site during drilling activities. The permit numbers issued were SR0256804 and SR0256805. A copy of the permits is presented in Appendix A.

4.2 FIELDWORK

The fieldwork included soil sampling, drilling and monitoring well installation, well development, and groundwater sampling as described below.

4.2.1 Soil Sampling Activities

On June 8, 2021, EFI Global field personnel directed the advancement of 12 shallow soil borings in a grid pattern across the Site to facilitate the collection of discrete-depth soil samples. A site map showing the locations of the borings is presented in Figure 3. Soil borings were advanced using a 3-inch diameter hand auger to a maximum depth of 4.5 feet bgs.

4.2.1.1 Sample Collection and Handling Procedures

Experienced and qualified environmental professionals working under the direct supervision of a California Professional Geologist (PG) performed sample collection and prepared field documentation. During sampling, each location was sampled using a hand auger from ground surface to a maximum depth of 4.5 feet bgs. Samples were collected at depth intervals of 0-0.5 feet bgs, 2-2.5 feet bgs and 4-4.5 feet bgs. Discrete samples were collected in a plastic re-sealable storage bag and homogenized. The homogenized soil for discrete samples were transferred into 8-ounce, pre-cleaned, laboratory-provided glass jars with a polyurethane lid, logged in a chain-of-custody, and placed in an ice chest pending laboratory analysis. To identify and manage samples obtained in the field, a sample label was affixed to each sample container.

All soil samples were logged in general accordance with the Unified Soil Classification System (USCS) and observed for color, moisture content, texture, discoloration, odor and physical evidence of contaminant impact or fill material. Soil samples were also field screened for VOCs by headspace analysis using a photoionization detector (PID) and total lead using an X-ray fluorescence (XRF) analyzer.

4.2.1.2 Equipment Decontamination

Prior to soil sampling activities, hand tools were cleaned and allowed to air dry. Sampling equipment that came in contact with soil was decontaminated in a designated decontamination area. Five-gallon polyethylene buckets and 1-liter labeled plastic spray bottles were used to decontaminate the hand tools. Equipment was generally decontaminated using the following procedure before its initial use and after use at each boring location:

1. Scrub and wash with a solution of potable water and Alconox (or other non-phosphate detergent);
2. Double rinse with potable tap water; and
3. Air-dry equipment on a clean surface.

4.2.1.3 Field Duplicate Samples

An additional volume of soil from the recovered sample intervals was collected after homogenization. This secondary volume of soil was separately field prepared and placed into a sample jar as a duplicate sample. Duplicate samples for laboratory analysis were collected from discrete samples B9-SS-2.5, B13-SS-0.5D, B14-SS-4.5D, and B16-SS-4.5D.

4.2.1.4 Equipment Blanks

One equipment blank was collected from decontaminated and air-dried sampling equipment by the following procedure:

1. Laboratory-grade distilled/deionized water poured over or through the sampling equipment and collected in laboratory-provided, pre-cleaned containers.
2. The sample labeled with the sample number, date and time, and placed in coolers containing ice packs for temporary storage.
3. The sample analyzed for the same analyte suite as that day's soil sampling program.

4.2.1.5 Chemical Analysis

Provided below is a summary of the chemical analysis performed for soil and equipment blank samples:

- 41 discrete soil samples (including field duplicates) and one equipment blank sample were analyzed for Title 22 metals by United States Environmental Protections Agency (EPA) Method 6020/7471A and TPH carbon chain by EPA Method 8015M.
- Ten soil samples were analyzed for hexavalent chromium (including two samples from the Phase II assessment) using EPA Method 7199.

- One soil sample was analyzed for Soluble Threshold Limit Concentration (STLC) and Toxicity Characteristic Leaching Procedure (TCLP) chromium using EPA Method 6020
- Two soil samples were analyzed for STCL and TCLP barium using EPA Method 6020.
- Three soil samples were analyzed for STCL and TCLP lead (including one sample from the Phase II assessment) using EPA Method 6020.

4.2.1.6 Field Observations

Sediments beneath the site consisted of primarily silty sand or poorly graded sand (USCS symbols "SM" and "SP", respectively). No indications of impacts (discoloration, staining, odors, etc.) were observed in the soil samples. PID measurements ranged between 2.0 parts per million (ppm) in boring B13 (0-0.5-foot depth) to 211.4 ppm in boring B10 (0-0.5-foot depth). XRF measurements for lead ranged between 0.0 ppm to 324 ppm. The maximum concentration of lead (324 ppm) was measured in the 0-0.5-foot depth of boring B15. The boring logs provide descriptions of the sediments encountered during boring advancement and other notes taken in the field and are provided in Appendix B.

4.2.2 MW1 through MW3 Borehole Advancement

Borings MW1 through MW3 were advanced using a truck-mounted hollow stem auger (HSA) drill rig equipped with a 6-inch diameter auger. The locations of borings MW1, MW2, and MW3 are shown in Figure 3. Soil samples were collected at 5 feet bgs and every 5 feet thereafter to terminal depth in these borings. Soil samples were collected by advancing an 18-inch long California modified split-spoon sampler through the hollow stem auger into undisturbed soil. The sampler was lined with three 6-inch long stainless-steel sleeves. Upon retrieval of the sampler, soils were used for lithologic description and PID readings.

4.2.2.1 Boring Logs and VOC Headspace Analysis

Soils encountered from the ground surface to a depth of 40 feet bgs were classified as follows:

- MW1: Silty Sand (USCS soil type classification to "SM") was encountered in the upper 20 feet bgs, and generally described as reddish to medium brown, moist, medium grained, loose, with minor fill material present (brick and asphalt fragments). Soil encountered below this depth was generally poorly graded sand (SP) described as medium brown to grayish brown with mottling, moist to wet, medium grained, loose, and micaceous. Some minor sandy silts (ML) were present at a depth of approximately 25 feet bgs. Staining and incidental odors were not noted at MW1. Headspace readings with the PID ranged from 1.8 to 5.6 parts per million by volume (ppmv).
- MW2: Silty sand (SM) and poorly graded sand (SP) was encountered in the upper 20 feet bgs and described as light to dark brown with mottling, moist, medium grained, loose and micaceous. Sandy silt (ML) was encountered between approximately 20 and 30 feet bgs and described as medium to dark/grayish brown, moist, low plasticity, and micaceous. Soil encountered below this depth was poorly graded sand (SP) described as reddish to dark grayish brown, moist to wet, medium density, micaceous, with a trace of fines. Staining and incidental odors were not noted at MW2. Headspace readings with the PID ranged from 2.0 ppmv at the 35-foot depth to 53.7 ppmv at the 10-foot depth.
- MW3: Poorly graded sand (SP) and silty sand (SM) were encountered in the upper 15 feet bgs and described as medium to orange brown with mottling, medium grained, moist, very loose, and medium density. Soil between approximately 20 and 25 feet bgs and 30 and 40 feet bgs was generally clay (CL) and described as medium to grayish brown, wet, soft to stiff, with medium plasticity. A 5-foot layer of poorly graded sand (SP) was encountered between approximately 25 and 30 feet bgs, and described as grayish brown, wet, medium grained, and loose. Some discoloration and hydrocarbon odors were present in soils between approximately 25 and 40 feet bgs. Headspace readings with the PID ranged from 1.0 ppmv at the 20-foot depth to 46.5 ppmv at the 25-foot depth.

Detailed descriptions of the materials encountered during drilling are presented on the soil boring logs in Appendix B.

4.2.3 Groundwater Monitoring Well Construction

On June 9 and 10, 2021, borings MW1, MW2 and MW3 were immediately completed as groundwater monitoring wells. Wells were constructed of 2-inch diameter Schedule 40 polyvinyl chloride (PVC) casing with 0.020-inch slot PVC well screen. Fifteen feet of well screen was installed in each well. Wells MW1 and MW2 were screened between 20 and 35 feet bgs; MW3 was screened between 13 and 28 feet bgs. Annular materials included No. 3 sand pack (clean, kiln-dried Monterey sand), a 3-5-foot bentonite seal, and 5-percent bentonite cement to approximately 1 feet bgs. The well was surged during sand pack emplacement and for a minimum of 15 minutes afterwards to settle the materials and limit bridging upon construction of the transition seal. Each well was completed with a 12-inch diameter, traffic-rated, flush-mount well box with concrete apron raised slightly above grade. Well construction diagrams are included as part of the boring logs in Appendix B.

4.2.3.1 Well Survey

On June 14, 2021, the Top of Casing (TOC) elevation, Top of Lid (TOL) elevation, latitude and longitude of each well was surveyed by J.B. Koenig & Associates, Inc. of Anaheim, California (a California-licensed land surveying company). TOC and TOL were surveyed, as feet above mean sea level (AMSL), in relation to the NAVD 1988 vertical datum to an accuracy of 0.01 inches. A copy of the well survey report is provided in Appendix C.

4.2.3.2 Well Development

On June 14, 2021, wells were developed using a combination of bailing, swabbing, and pumping using a downhole submersible pump. The objective of the well development was to remove fines from the filter pack and within the monitoring well, reduce potential clay-smear along the borehole and promote communication of the well with the surrounding aquifer. Prior to development, depth to groundwater was measured to an accuracy of 0.01 foot utilizing a depth-to-water meter (sounder).

Field parameters (conductivity, pH, temperature, oxidation reduction potential, and turbidity) were monitored during pumping until turbidity has been reduced to less than 10 nephelometric turbidity units (NTUs) or other field parameters have stabilized. Approximately 80 gallons of water was purged from each well prior to completion of well development.

4.3 GROUNDWATER SAMPLING

On June 23, 2021, wells MW1, MW2, and MW3 were sampled by Blaine Tech Services, Inc. (Blaine Tech) using low-flow methods with a portable QED bladder pump. Samples from each monitoring well were analyzed for TPH carbon chain using EPA Method 8015M, VOCs using EPA Method 82060B, total and dissolved Title 22 metals using EPA Method 6010B/7471A, and hexavalent chromium using EPA Method 7199. Dissolved metals were field filtered using a 0.45-micron filter prior to transferring water to the laboratory-provided containers (polyethylene bottles with nitric acid preservative). The samples were labeled, logged in a chain-of-custody and immediately placed in a chilled ice chest for transport to Positive Lab Service. A copy of the groundwater sampling field sheets is included in Appendix D.

5.0 HYDRAULIC GRADIENT MAGNITUDE AND DIRECTION

Depth to groundwater and groundwater elevations from MW1, MW2 and MW3 were measured by Blaine Tech on June 23, 2021. Results of the well gauging are as follows:

Well	TOC Elevation (feet AMSL)	Depth to Groundwater (feet BTOC)	Groundwater Elevation (feet AMSL)
MW1	25.34	20.14	5.20
MW2	24.80	20.12	4.68
MW3	20.22	16.15	4.07

Abbreviations: TOC = top of casing, BTOC = below top of casing, AMSL = above mean sea level

Groundwater gradient and direction was calculated at 0.007819 towards the southeast utilizing the US EPA on-line hydraulic gradient magnitude and direction site assessment tool (US EPA, accessed June 2021).

A groundwater elevation and contour map is presented in Figure 4.

6.0 ANALYTICAL RESULTS

The analytical results for soil and groundwater are summarized in Tables 1 through 4. The certified analytical reports and the chain-of-custody documents are provided in Appendix E.

6.1 HUMAN HEALTH SCREENING LEVELS

The following sections include comparisons of the analytical results to applicable human health screening levels that have been established by the EPA and DTSC, as follows:

1. Regional Screening Levels (RSLs) have been developed by the EPA using default exposure and toxicity criteria to provide conservative screening levels, whereby concentrations of contaminants below such levels are not considered to represent a significant risk to human receptors (including cancer and non-cancer risks). EPA publishes Regional Screening Levels (RSLs) periodically. The most current release is dated May 2021. For the Site, the "Target Risk = 1E-06, Target Hazard Quotient = 1.0" RSL data set is appropriate to use.

2. DTSC recommends the use of alternative screening levels based on toxicity criteria reviewed by DTSC's Human and Ecological Risk Office (HERO). DTSC-modified Screening Levels [DTSC-SLs]) are updated periodically and published in *Human Health Risk Assessment (HHRA) Note, HERO HHRA Note Number: 3, DTSC-modified Screening Levels (DTSC-SLs), Release Date: June 2020* (Note 3). For compounds that have screening criteria listed in Note 3, the alternative screening levels are used instead of RSLs.

3. Groundwater analytical results are compared to state and federal drinking water standards (i.e., Maximum Contaminant Levels [MCLs]), which are enforceable regulatory criteria. Federal MCLs are established in the Code of Federal Regulations (CFR), Title 40, Chapter I, Subchapter D, Part 141. State MCLs are established Title 17 of the California Code of Regulations (CCR). Note that for hexavalent chromium there currently is no MCL established as the previous MCL of 10 micrograms per liter (µg/L) was rescinded in September 11, 2017.

Because the Site is planned for residential use, the analytical results were compared to screening levels under a residential land-use scenario. The screening levels for soil and groundwater are included in Tables 1 through 4.

6.2 SOIL ANALYTICAL RESULTS

A discussion of the soil analytical results is provided in the following sections.

6.2.1 Total Petroleum Hydrocarbons in Soil

A summary of TPH analytical results in soil is presented in Table 1 and Figure 5. Total petroleum hydrocarbons, diesel range organics (TPH-d; carbon range C13-C22) and total petroleum hydrocarbons, oil range organics (TPH-o; carbon range C23-C36) were detected in one or more soil samples collected during this assessment. Notable results are summarized as follows:

- Total petroleum hydrocarbons, gasoline range organics (TPH-g; carbon range C4-C12) was not detected in any soil samples.
- TPH-d (C13-C22) was detected in 18 soil samples. Concentrations ranged from 2.61 mg/kg (B10, 0.5 feet bgs) to 261 mg/kg (B7, 0.5 feet bgs). Of the 18 detections of TPH-d (C13-C22), two detections exceeded the TPH aliphatic screening level of 96 mg/kg and Los Angeles Regional Water Quality Control Board (LARWQCB) maximum soil screening level (MSSL) of 100 mg/kg (for sites with distance to groundwater less than 20 feet [LARWQCB, 1996]). These include the 0.5-foot detection at boring B7 (261 mg/kg) and the 0.5-foot detection at boring B12 (228 mg/kg). TPH-d (C13-C22) concentrations at both locations decrease to non-detect with increasing depth up to the maximum sampled depth of 4.5 feet bgs.
- TPH-o (C23-C32) was detected in 7 soil samples. Concentrations ranged from 109 mg/kg (B9, 0.5 feet bgs) to 942 mg/kg (B7, 0.5 feet bgs). All detections are below the TPH aromatic screening level of 2,400 mg/kg and MSSL of 1,000 mg/kg.
- TPH-o (C33-C36) was detected in two soil samples at concentrations of 139 mg/kg (B12, 0.5 feet bgs) and 142 mg/kg (B7, 0.5 feet bgs). There is no screening level for TPH-o (C33-C36) for comparison to these detections.

To mitigate a potential threat to groundwater and dermal contact concerns from TPH-d, surface soil removal in the area of borings B7 and B12 is warranted.

6.2.2 Metals in Soil

A summary of metals analytical results in soil are presented in Table 2. Lead and hexavalent chromium concentrations are posted in Figures 6 and 7, respectively. Notable results are summarized as follows:

- Several metals were detected at various concentrations below residential screening levels, with the exception of lead, thallium, and hexavalent chromium.
- Five lead detections were reported in exceedance of the residential screening level of 80 mg/kg. The exceedances were reported in borings B6 (0.5 feet bgs; 117 mg/kg), B13 (4.5 feet bgs; 119 mg/kg), B14 (2.5 feet bgs; 215 mg/kg), B15 (0.5 feet bgs; 381 mg/kg), and B16 (2.5 feet bgs; 87.5 mg/kg). With the exception of boring B13, lead concentrations at these locations generally decrease to below 80 mg/kg with increasing depth up to the maximum sample depth of 4.5 feet bgs.
- Thallium was reported in exceedance of the residential screening level of 0.78 mg/kg in 14 soil samples. Concentrations ranged from 1.02 J mg/kg in boring B16 (0.5 feet bgs) to 2.13 mg/kg in boring B8 (0.5 feet bgs). Note the J flag indicates that the detection was above the laboratory minimum detection limit but below the laboratory reporting limit. Although there were 14 detections above the residential screening level, the majority of detections are very low and close to the laboratory minimum detection limit of 1.0 mg/kg. Furthermore, all thallium detections are below the typical upper limit for California soils (7.6 mg/kg) (Lawrence Berkeley National Laboratory, 2009).
- Hexavalent chromium was detected in all 10 soil samples submitted for analysis and detections were relatively evenly distributed throughout the Site. Eight detections exceeded of the residential screening level of 0.3 mg/kg. The exceedances ranged from 0.364 mg/kg in boring B5 (0.5 feet bgs) to 0.726 mg/kg in boring B14 (0.5 feet bgs). At boring B3 (from the Phase II Assessment), the hexavalent chromium concentration at 5 feet bgs (0.683 mg/kg) was similar to the concentration reported at 15 feet bgs (0.594

mg/kg) in the same boring. At boring B12, the hexavalent chromium concentration of 0.680 mg/kg was similar to the concentration reported at 4.5 feet bgs (0.720) in the same boring; thus, indicating that hexavalent chromium concentrations do not attenuate (or attenuate to a significant degree) with increasing depth at the locations sampled.

In regards to lead in soil, several detections exceed both typical background concentrations and the residential screening level of 80 mg/kg. With the exception of one elevated detection in boring B6 along the northern property boundary, elevated lead results are co-located in the southern portion of the Site at various concentrations between surface and a depth of 5 feet bgs. The soil in these areas with elevated lead concentrations above 80 mg/kg should be removed from the Site during redevelopment to mitigate human health concerns.

In regards to Thallium, although 21 of 52 analyses (including the Phase II samples) exceeded the screening level of 0.78 mg/kg, the residential screening level is well within the typical background range of naturally-occurring thallium in California soils (0.17 mg/kg to 1.1 mg/kg; Bradford et al, 1996), and well below the 99% Upper Tolerance Limit (UTL) Concentration (7.6 mg/kg; Lawrence Berkeley National Laboratory, 2009). Further, all but two thallium detections are estimated concentrations ("J Flag" results) and all are slightly above the detection limit of 1.0 mg/kg. Finally, detections are all of similar concentration and do not depict a discernable pattern of greater concentrations near surface nor attenuation with depth, as would be expected in a surface-type release. In fact, the maximum detected thallium concentration of 2.32 mg/kg was at the 25-foot depth in boring B1 and greater than shallower near-surface data in the vicinity.

Utilizing USEPA's ProUCL software, the thallium result data set was evaluated for (1) outliers and (2) goodness of fit tests. In the event a thallium release had occurred on the property, it would be anticipated that concentrations within the source area would be elevated and express as outliers when compared against background data across the balance of the Site. Further, background concentrations which are naturally occurring would be anticipated to occur in an approximately normal distribution. Statistical analysis of the thallium data set confirms that no outliers are present in the data set, and the data is of approximate normal distribution. Utilizing multiple lines of evidence, it is concluded that the thallium detected at the Site are at naturally-occurring background concentrations and do not represent a release from the property.

In regards to hexavalent chromium, 10 select samples with a wide range of total chromium concentrations across the entire footprint of the Site were selected for this speciation, including the three samples with greatest total chromium concentrations (117 mg/kg to 136 mg/kg). Although eight out of 10 analyses exceeded the screening level of 0.300 mg/kg, the residential screening level is well within the 99% Upper Tolerance Limit (UTL) Concentration of naturally-occurring background hexavalent chromium concentrations in California soils (7.5 mg/kg; Hunter and Davis, 2001). Detected hexavalent concentrations are all of similar concentration, are not correlated with total chromium concentrations, and are not biased towards any single area of the site nor attenuate with depth as would be expected if there were a release of this chemical from the site. In fact, the 15-foot sample from boring B3 detected hexavalent chromium at 0.594 mg/kg, very close to the result from 5 feet bgs from this location of 0.683 mg/kg. Finally, hexavalent chromium in groundwater detected throughout the Site was significantly below the former MCL, and no impact to groundwater from the Site was identified (See Section 6.4.2 below).

Utilizing the US EPA's ProUCL software, hexavalent chromium concentrations were evaluated for (1) outliers and (2) goodness of fit tests. Statistical analysis of the hexavalent chromium data set confirms that no outliers are present in the data set, and the data is of approximate normal distribution. Utilizing multiple lines of evidence, it is concluded that the hexavalent chromium detected at the site is at naturally-occurring background concentrations and does not represent a release from the property. Statistical outputs from the ProUCL for both thallium and hexavalent chromium are provided in Appendix F.

6.3 Nature and Extent of Soil Contaminants

Investigation activities indicate a layer of fill is present throughout the entirety of the Site at depths ranging from approximately 2 to 7.5 feet bgs. Figure 8 shows the estimated depth of anticipated fill material across the Site. The elevated lead concentrations are likely present within this fill material and non-uniform in concentration throughout the Site. Although some analytical data suggests elevated lead concentrations (i.e., above 80 mg/kg) are more prominently present near the southern end of the property, it is possible unidentified elevated lead concentrations are present in the central and northern area of the Site, and at depths deeper than what is indicated by current laboratory analysis. Although the central area of the property was previously remediated via soil removal, it is unknown how the excavations were backfilled at that time and if such activities commingled fill material subsequent to remedial activities. It is currently unknown, but possible, that to achieve unrestricted land use criteria all fill material at the Site would need to be excavated from the property. Nevertheless, even if unrestricted land use criteria were to be achieved prior to removing all fill material from the Site, it is highly likely if any further fill soil export is necessary from the Site for redevelopment or grading requirements, that soil would also be impacted and require disposal at a regulated landfill.

It is currently estimated 4,300 cubic yards (6,500 tons) of fill material are present on-site, with 2,100 cubic yards (3,150 tons) of this material currently identified as exceeding residential screening levels.

6.4 Preliminary Waste Classification Evaluation

An independent evaluation of waste classification for off-site disposal is necessary given the pending redevelopment of the area will likely result in spoils piles requiring off-site disposal. It is important to note the following waste classification evaluation pertains solely to characterization of soils for potential off-site disposal, and not a human health risk evaluation as previously discussed.

To assist with future waste classification, soil samples were analyzed as follows:

- One soil sample with the reported maximum concentration of total chromium (B12, 2.5 feet bgs) was analyzed via the Waste Extraction Test (WET) sample preparation method and analyze for soluble chromium for comparison to the California (non-RCRA) hazardous waste criteria known as the STLC. This sample was also analyzed by the TCLP sample preparation method and analyzed for soluble chromium for comparison to the RCRA hazardous waste criteria known as the Maximum Contaminant Concentration for the Toxicity Characteristic (MCCTC).
- Two soil samples with the reported maximum concentrations of total barium (B5, 4.5 feet bgs; B10, 2.5 feet bgs) were analyzed for STCL and TCLP barium using EPA Method 6020.
- Three soil samples with the reported maximum concentrations of total lead (B2, 5 feet bgs; B14, 2.5 feet bgs; B15, 0.5 feet bgs) were analyzed for STCL and TCLP lead using EPA Method 6020. Note that the sample from boring B2 was collected during the Phase II assessment in April 2021.

Analytical results are summarized in Table 2. Notable results are provided below:

- STLC barium and chromium concentrations did not exceed the California hazardous waste thresholds of 100 milligrams per liter (mg/L) and 5 mg/L, respectively. Similarly, TCLP barium and chromium concentrations did not exceed the Federal hazardous waste thresholds of 100 mg/L and 5 mg/L, respectively.
- STLC lead concentrations in boring B2 (5 feet bgs; 16.9 mg/L), boring B14 (2.5 feet bgs; 12.5 mg/L) and boring B15 (0.5 feet bgs; 18.5 mg/L) exceeded the California hazardous waste threshold of 5 mg/L. TCLP lead concentrations in these samples were non-detect.

Since STLC lead concentrations exceeded the California waste threshold of 5 mg/L in the samples analyzed as part of this evaluation, it is likely that spoil piles generated from future development activities may be classified as

California (non-RCRA) hazardous waste. This is especially possible given that future soil off-haul from the Site should target areas of elevated lead to reduce the human health concerns at the Site to meet residential land use criteria.

Since TCLP lead, barium and chromium concentrations were non-detect or below Federal hazardous waste thresholds, it is unlikely that future spoil piles will be classified as Federal (RCRA) hazardous waste.

However, all soils to be exported should be considered a regulated waste and disposed of at a regulated landfill unless sampled and shown not to be a waste. Additional information regarding future soil management and waste classification will be provided in the Soil Management Plan.

6.5 GROUNDWATER ANALYTICAL RESULTS

Groundwater samples were collected from monitoring wells MW1, MW2, and MW3 and analyzed for TPH, VOCs, total and dissolved Title 22 metals, and hexavalent chromium. A discussion of the groundwater analytical results is provided in the following sections.

6.5.1 TPH and VOCs

A summary of TPH and VOCs results in groundwater are provided in Table 3. A shown in the table, TPH and VOCs were not detected above the laboratory reporting limits, and thus do not pose an unacceptable risk to groundwater.

6.5.2 Metals in Groundwater

A summary of metals analytical results in groundwater is presented in Table 4. Eleven metals (including hexavalent chromium) were detected in one or more groundwater samples collected during this assessment. However, all detections were below screening levels, and thus do not pose an unacceptable risk to groundwater.

Hexavalent chromium concentrations were 0.27 micrograms per liter (μg/L) in MW1, 0.30 μg/L in MW2, and non-detect in MW3. There is no current maximum contaminant level (MCL) for hexavalent chromium; however, all detections are well below the rescinded (former) MCL of 10 μg/L.

In general, total metals concentrations were higher than dissolved concentrations. It is noteworthy that metals concentrations reported during the Phase II assessment, where samples were collected from temporary well screens, were significantly higher (by one to two orders of magnitude) than concentrations reported during this SSI. It is likely that matrix interference effects from the suspended solids present in the temporary well screening samples resulted in biased high metals concentrations. Thus, the results from the monitoring well sampling should be considered more representative of current groundwater conditions and supersede the data collected from the temporary well screen samples.

7.0 CONCLUSIONS AND RECOMMENDATIONS

EFI Global has performed a Supplemental Site Investigation at the former commercial/industrial property located at 319-327 North Harbor Boulevard, San Pedro, California. This assessment was performed to assess if shallow soils and groundwater have been impacted by former operations at the Site. The shallow soils data will be used to develop a Soil Management Plan to provide a framework for managing potentially impacted soils during future Site redevelopment.

To meet project objectives, a total of 12 borings were advanced across the Site to a maximum depth of 4.5 feet bgs to facilitate the collection of discrete-depth soil samples. In addition, three groundwater monitoring wells were installed to facilitate the collection of representative groundwater samples and to determine groundwater flow

direction. Based on the understanding that the Site will be redeveloped and used for residential purposes in the future, the Site was assessed for a residential land use scenario.

The results of the assessment activities are summarized below:

Soil

- TPH-g was not detected in any soil samples. TPH-d was detected in 18 soil samples. Of these, two detections exceeded residential screening criteria (at the 0.5-foot depth in borings B7 and B12). TPH-d concentrations at both locations decrease to non-detect with increasing depth up to the maximum sampled depth of 4.5 feet bgs. TPH-o was also detected in soil samples but at concentrations below residential screening criteria.
- Lead was detected at 5 locations (B6, B13, B14, B15, and B16) in exceedance of residential screening level of 80 mg/kg. With the exception of boring B13, lead concentrations at these locations generally decrease to below 80 mg/kg with increasing depth up to the maximum sample depth of 4.5 feet bgs.
- Thallium and hexavalent chromium were reported in exceedance of their residential screening levels; however, all detections were concluded to be within naturally-occurring background concentrations.

Groundwater

- Groundwater levels ranged from approximately 16 feet bgs in monitoring well MW3 to approximately 20 feet in monitoring wells MW2 and MW3. The groundwater gradient is 0.007819 with a flow direction to the southeast.
- TPH and VOCs were non-detect in all groundwater samples.
- Metals were detected in all groundwater samples but at concentrations below MCLs. Total metals concentrations were generally higher than dissolved concentrations. Total metals concentrations reported during the Phase II assessment were significantly higher than concentrations reported during this SSI. It is likely that matrix interference effects from the suspended solids present in the Phase II Assessment samples resulted in biased high metals concentrations.
- Hexavalent chromium was detected in two wells (MW1 and MW2) but at concentrations well below the former (rescinded) MCL of 10 µg/L.

The results of this SSI have identified a risk to human health due to the presence of TPH and lead in shallow soils at concentrations above residential screening criteria. TPH was detected above the screening level at the 0.5-foot depth in the northeast portion of the Site at boring B7 and in the central portion of the Site at boring B12. Lead was detected above the screening level at the 0.5-foot depth in the north-central portion of the Site at boring B6 and along the southern half of the Site at depths ranging from 0.5 feet to 5 feet bgs.

Investigation activities also indicate a layer of fill is present throughout the entirety of the Site at depths ranging from approximately 2 to 7.5 feet bgs. The elevated lead concentrations are likely present within this fill material and non-uniform in concentration throughout the Site. Although some analytical data suggests elevated lead concentrations (i.e., above 80 mg/kg) are more prominently present near the southern end of the property, it is possible unidentified elevated lead concentrations are present in the central and northern area of the Site, and at depths deeper than what is indicated by current laboratory analysis. Even if unrestricted land use criteria were to be achieved prior to removing all fill material from the Site, it is highly likely if any further fill soil export is necessary from the Site for redevelopment or grading requirements, that soil would also be impacted and require disposal at a regulated landfill.

It is currently estimated 4,300 cubic yards (6,500 tons) of fill material are present on-site, with 2,100 cubic yards (3,150 tons) of this material <u>currently</u> identified as exceeding residential screening levels.

TPH, VOCs, and metals (including hexavalent chromium) concentrations in groundwater were either non-detect or below MCLs, and thus do not pose an unacceptable risk to groundwater. Therefore, EFI recommends the following:

- Excavate soils impacted by TPH and lead and transport off-site as regulated waste to a regulated disposal facility. Based on the preliminary waste classification evaluation, these lead impacted soils will likely be classified as California (non-RCRA) hazardous waste.
- Prepare a Soil Management Plan incorporating the proposed excavation and transport of soils impacted by TPH and lead.
- Retain monitoring wells MW1, MW2, and MW3 until future remediation or redevelopment activities warrant well destruction. Additional sampling is not warranted at this time; however, additional data may be requested pending future involvement with the DTSC.
- As recommended in the Phase II assessment, consideration should be given to DTSC's Lead-Acid Battery Recycling Facility Investigation and Cleanup (LABRIC) Program and inquire as to the likelihood this former facility will be investigated in the future for aerial emissions and off-site releases. Possible historical aerial emissions and releases from the site, including potential off-site liability, was not evaluated as part of this scope.

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8.0 SIGNIFICANT ASSUMPTIONS AND RELIANCE

This report has been prepared in accordance with generally-accepted environmental methodologies and industry standards as they relate to the Data Quality Objectives of the assessment. No warranties, expressed or implied, are made as to the professional services provided under the terms of EFI Global's contract(s) or specified in this report. This assessment has been conducted, in part, based on information, data or reports provided or prepared by others. EFI Global reviews and interprets these documents in good faith and relies that the provided data and documents are true and accurate.

Environmental conditions at the site were assessed or interpreted within the context of EFI Global's contract(s) and existing environmental regulations of applicable jurisdiction(s) as of the date of the report. Regulatory requirements, regulations and guidance are subject to change subsequent to the date of the report. Unless otherwise stated in the report, evaluating compliance of past, present or future owners with applicable local, provincial and federal government laws and regulations was not included within the scope of the assessment.

The environmental assessment is limited by the availability of information at the time of the assessment. The conclusions and recommendations regarding environmental conditions presented in this report are based on a scope of work authorized by the Client. It is possible that unreported conditions impairing the environmental status of the site may have occurred which could not be identified. EFI Global's opinions cannot be extended to portions of the site that were unavailable for direct access and observation reasonably beyond the control of EFI Global or outside of the scope of the assessment. Environmental assessment activities, particularly the sampling of soil, vapor (air), groundwater and structure materials, represent those conditions which are present at the time of sampling within the immediate vicinity of the sample(s) collected. Although sampling plans are developed in an attempt to provide what is interpreted as sufficient coverage within the assessment area to achieve the investigative objectives, no extent of sampling can guarantee all environmental conditions, potential chemicals of concern (man-made or naturally occurring) and concentrations at which they occur have been identified and quantified absolutely. The assessment performed and outlined in this report was based, in part, upon visual observations of the site and attendant structures. It should be noted that compounds, materials or chemicals of potential concern other than those described could be present in the site environment, and the possibility remains that unexpected environmental conditions may be encountered at the site in locations not specifically investigated.

All components of this report, including but not limited to text, signatures, certifications, figures, tables, attachments, appendices, supporting documents and addenda are integral to the reporting of the assessment. This report may not be reproduced, except in full, without written approval of EFI Global.

This report has been prepared for the sole use of the Housing Authority of the City of Los Angeles (HACLA). The contents should not be relied upon by any other parties without the express written consent of HACLA and EFI Global.

9.0 SIGNATURES OF ENVIRONMENTAL PROFESSIONALS

This investigation has been performed by qualified geologists, engineers, industrial hygienists, environmental scientists, and/or environmental professionals, in conformance with generally-accepted industry standards and practices.

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EFI Global, Inc.

Shayan Simantob, PG
Principal Geologist
EFI Global, Inc.

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FIGURES

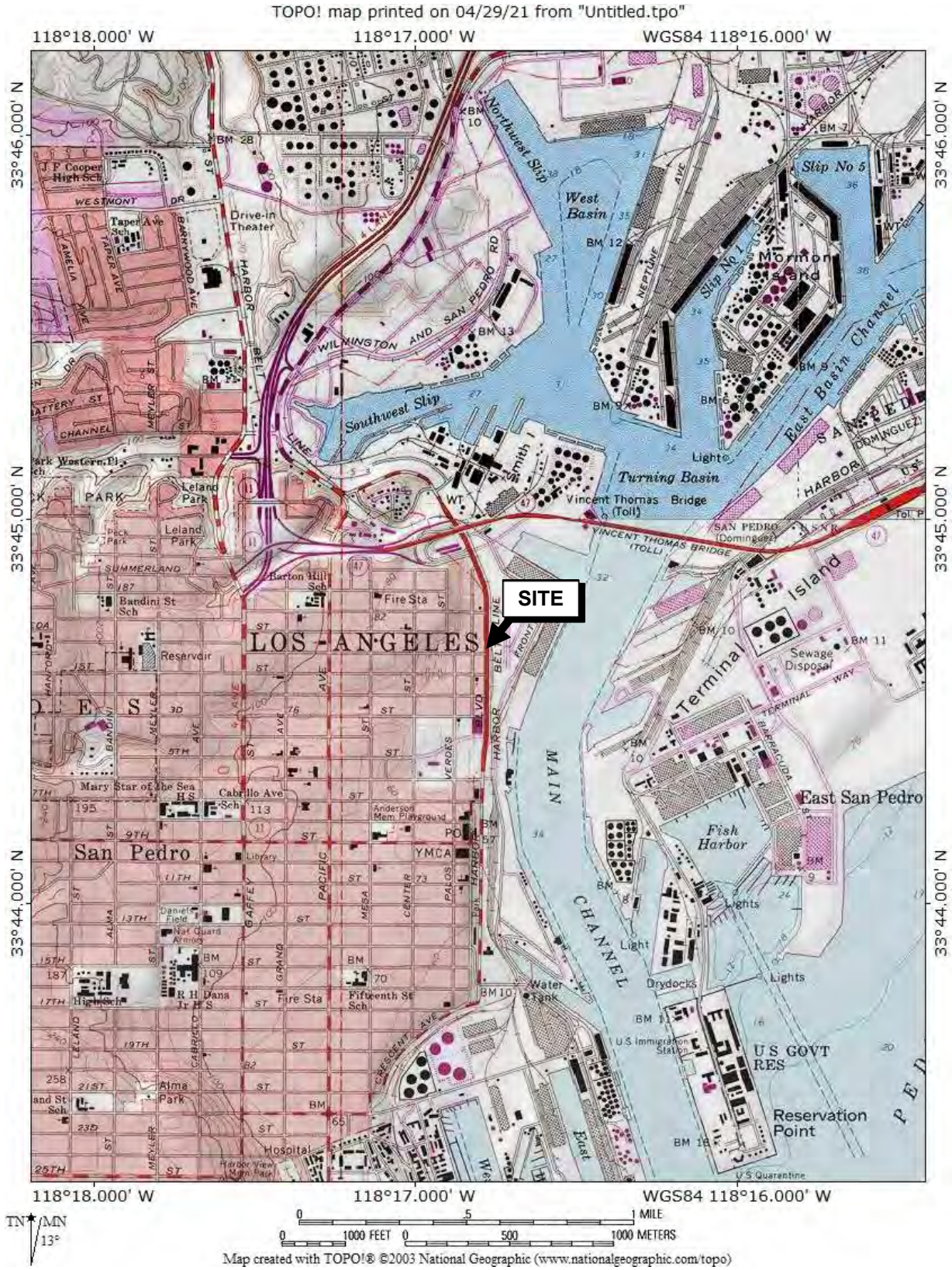

Figure 1
Site Location Map

319-327 North Harbor Boulevard
San Pedro, California 90731

Source:
USGS San Pedro, CA 7.5 Minute
Topographic Map (1981)

Project Number: 045.06065

BASEMAP SOURCE: GOOGLE EARTH, IMAGERY DATE: 5/2019

LEGEND

- PROPERTY LINE
- SUBJECT STRUCTURE
- SEWER LINE
- (A) FORMER ACID TANK

SITE PLAN

319-327 NORTH HARBOR BLVD
SAN PEDRO, CA 90731

efi global

PN:045.06520	FIGURE
DT: 06/24/2021	2
DB:HM CB:DJ	

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BASEMAP SOURCE: GOOGLE EARTH, IMAGERY DATE: 5/2019

LEGEND

- PROPERTY LINE
- SUBJECT STRUCTURE
- B4 PHASE II SOIL BORING LOCATION (EFI APRIL 2021)
- SEWER LINE
- A FORMER ACID TANK
- MW3 GROUNDWATER MONITORING WELL LOCATION
- B16 SOIL BORING LOCATION

BORING AND WELL LOCATION MAP

319-327 NORTH HARBOR BLVD
SAN PEDRO, CA 90731

efi global

PN:045.06520	FIGURE
DT: 06/24/2021	3
DB:HM CB:DJ	

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LEGEND

- PROPERTY LINE
- MW3 GROUNDWATER MONITORING WELL LOCATION
- (5.20) GROUNDWATER ELEVATION (FEET ABOVE MEAN SEA LEVEL)
- GROUNDWATER FLOW DIRECTION & MAGNITUDE
- GROUNDWATER GRADIENT (DASHED WHERE INFERRED)

GROUNDWATER ELEVATION AND CONTOUR MAP

319-327 NORTH HARBOR BLVD
SAN PEDRO, CA 90731

efi global

PN:045.06520	FIGURE
DT: 06/24/2021	4
DB:HM CB:DJ	

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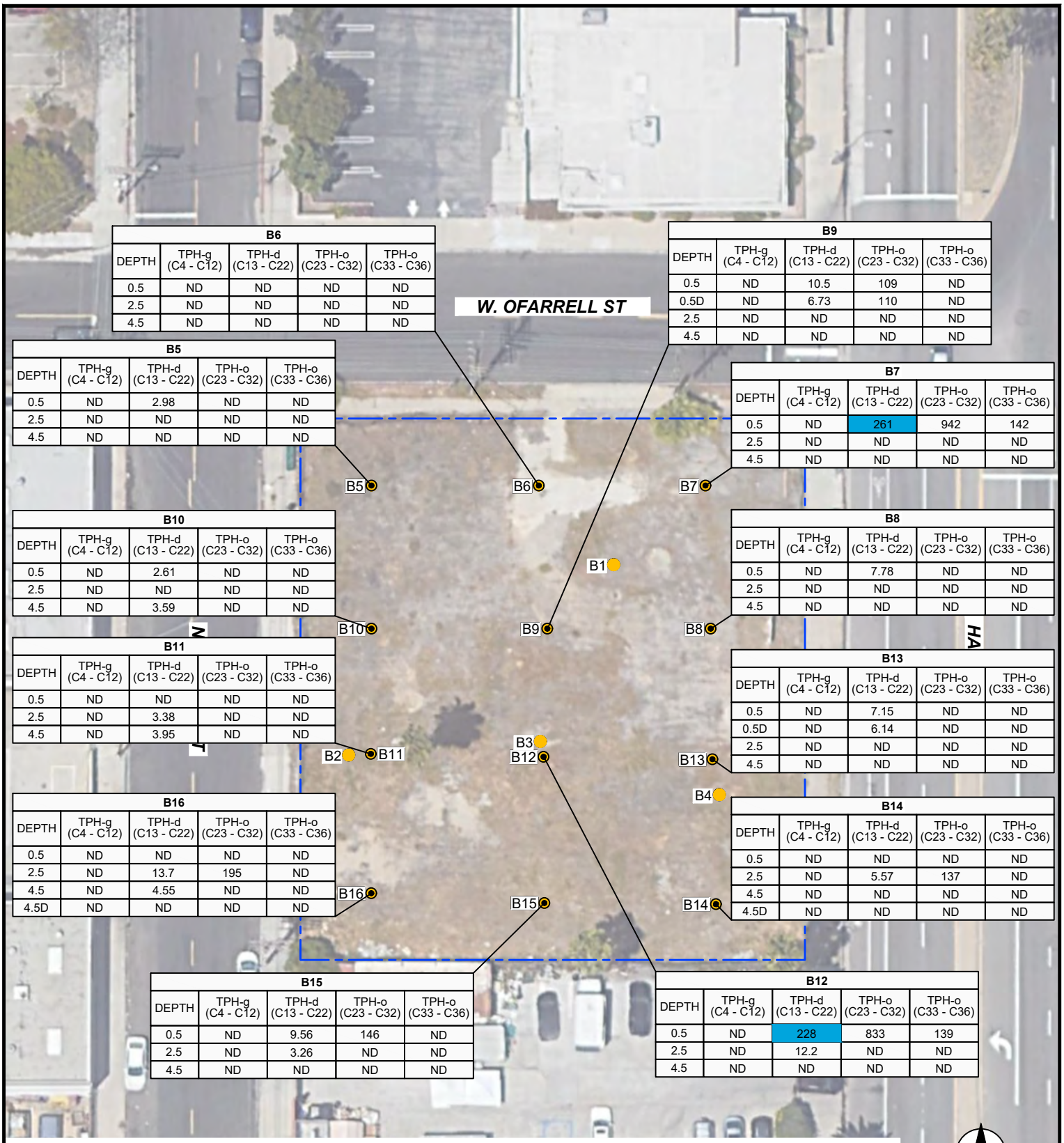

B6

DEPTH	TPH-g (C4 - C12)	TPH-d (C13 - C22)	TPH-o (C23 - C32)	TPH-o (C33 - C36)
0.5	ND	ND	ND	ND
2.5	ND	ND	ND	ND
4.5	ND	ND	ND	ND

B9

DEPTH	TPH-g (C4 - C12)	TPH-d (C13 - C22)	TPH-o (C23 - C32)	TPH-o (C33 - C36)
0.5	ND	10.5	109	ND
0.5D	ND	6.73	110	ND
2.5	ND	ND	ND	ND
4.5	ND	ND	ND	ND

B5

DEPTH	TPH-g (C4 - C12)	TPH-d (C13 - C22)	TPH-o (C23 - C32)	TPH-o (C33 - C36)
0.5	ND	2.98	ND	ND
2.5	ND	ND	ND	ND
4.5	ND	ND	ND	ND

B7

DEPTH	TPH-g (C4 - C12)	TPH-d (C13 - C22)	TPH-o (C23 - C32)	TPH-o (C33 - C36)
0.5	ND	261	942	142
2.5	ND	ND	ND	ND
4.5	ND	ND	ND	ND

B10

DEPTH	TPH-g (C4 - C12)	TPH-d (C13 - C22)	TPH-o (C23 - C32)	TPH-o (C33 - C36)
0.5	ND	2.61	ND	ND
2.5	ND	ND	ND	ND
4.5	ND	3.59	ND	ND

B8

DEPTH	TPH-g (C4 - C12)	TPH-d (C13 - C22)	TPH-o (C23 - C32)	TPH-o (C33 - C36)
0.5	ND	7.78	ND	ND
2.5	ND	ND	ND	ND
4.5	ND	ND	ND	ND

B11

DEPTH	TPH-g (C4 - C12)	TPH-d (C13 - C22)	TPH-o (C23 - C32)	TPH-o (C33 - C36)
0.5	ND	ND	ND	ND
2.5	ND	3.38	ND	ND
4.5	ND	3.95	ND	ND

B13

DEPTH	TPH-g (C4 - C12)	TPH-d (C13 - C22)	TPH-o (C23 - C32)	TPH-o (C33 - C36)
0.5	ND	7.15	ND	ND
0.5D	ND	6.14	ND	ND
2.5	ND	ND	ND	ND
4.5	ND	ND	ND	ND

B16

DEPTH	TPH-g (C4 - C12)	TPH-d (C13 - C22)	TPH-o (C23 - C32)	TPH-o (C33 - C36)
0.5	ND	ND	ND	ND
2.5	ND	13.7	195	ND
4.5	ND	4.55	ND	ND
4.5D	ND	ND	ND	ND

B14

DEPTH	TPH-g (C4 - C12)	TPH-d (C13 - C22)	TPH-o (C23 - C32)	TPH-o (C33 - C36)
0.5	ND	ND	ND	ND
2.5	ND	5.57	137	ND
4.5	ND	ND	ND	ND
4.5D	ND	ND	ND	ND

B15

DEPTH	TPH-g (C4 - C12)	TPH-d (C13 - C22)	TPH-o (C23 - C32)	TPH-o (C33 - C36)
0.5	ND	9.56	146	ND
2.5	ND	3.26	ND	ND
4.5	ND	ND	ND	ND

B12

DEPTH	TPH-g (C4 - C12)	TPH-d (C13 - C22)	TPH-o (C23 - C32)	TPH-o (C33 - C36)
0.5	ND	228	833	139
2.5	ND	12.2	ND	ND
4.5	ND	ND	ND	ND

BORING NAME →

B7

DEPTH	TPH-g (C4 - C12)	TPH-d (C13 - C22)	TPH-o (C23 - C32)	TPH-o (C33 - C36)
0.5	ND	261	942	142

SAMPLE DEPTH (ESTIMATED FEET BELOW NATURAL GRADE) →

ND NOT DETECTED ABOVE LABORATORY REPORTING LIMIT

mg/kg MILLIGRAMS PER KILOGRAM

TPH-g - TOTAL PETROLEUM HYDROCARBONS IN THE GASOLINE RANGE
TPH-d - TOTAL PETROLEUM HYDROCARBONS IN THE DIESEL RANGE
TPH-o - TOTAL PETROLEUM HYDROCARBONS IN THE OIL RANGE

TPH CONCENTRATION IN SOIL (mg/kg). SHADED IN BLUE IF ABOVE RESIDENTIAL SCREENING LEVEL OF 96 mg/kg (TPH-d ALIPHATIC).

N

APPROX. SCALE: 1"=40'

0 20' 40'

BASEMAP SOURCE: GOOGLE EARTH. IMAGERY DATE: 5/2019

LEGEND

PROPERTY LINE

B4 PHASE II SOIL BORING LOCATION (EFI APRIL 2021)

B16 SOIL BORING LOCATION

TPH IN SOIL

319-327 NORTH HARBOR BLVD
SAN PEDRO, CA 90731

efi global

PN:045.06520	FIGURE
DT: 06/24/2021	5
DB:HM CB:DJ	

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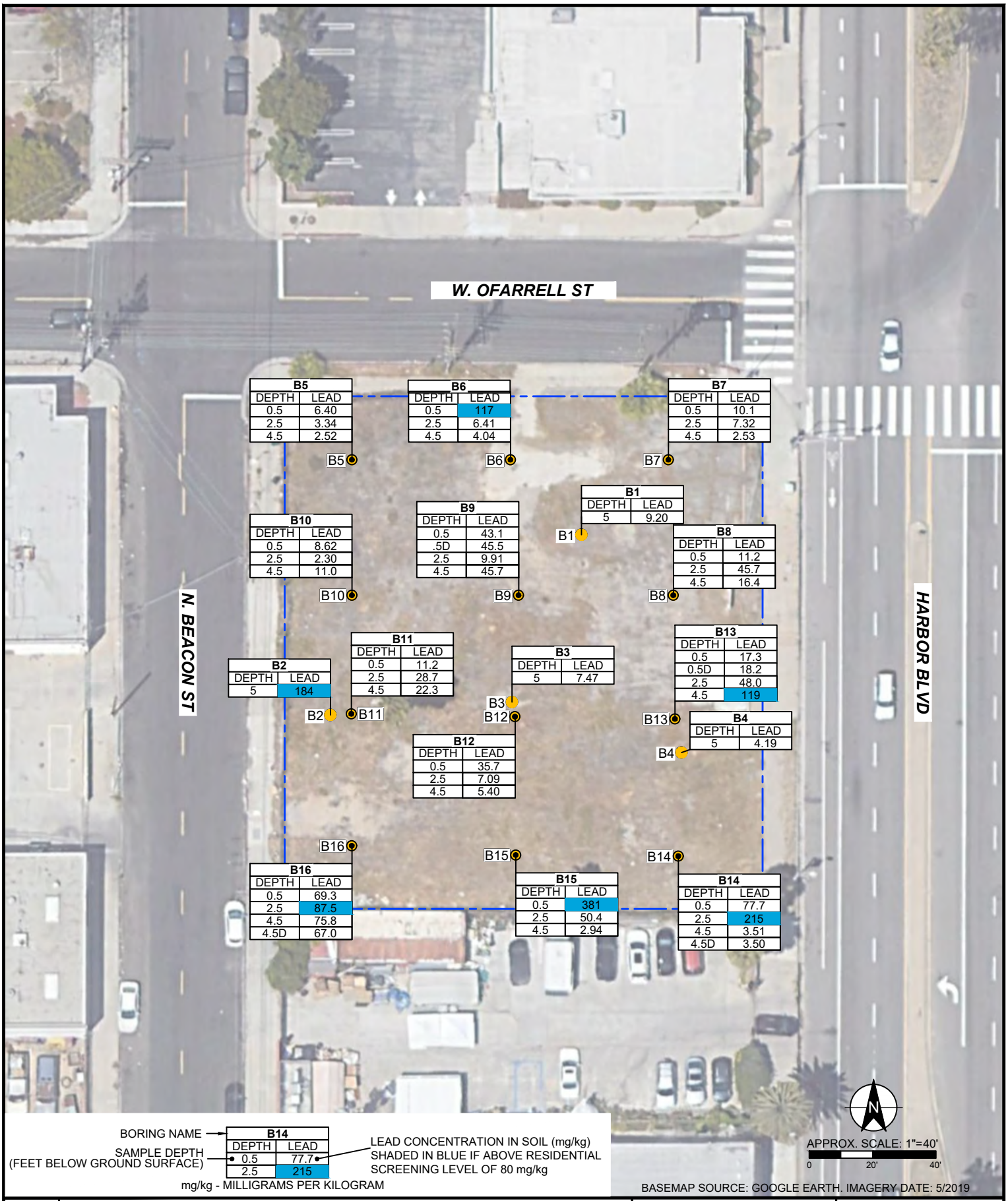

B5	
DEPTH	LEAD
0.5	6.40
2.5	3.34
4.5	2.52

B6	
DEPTH	LEAD
0.5	117
2.5	6.41
4.5	4.04

B7	
DEPTH	LEAD
0.5	10.1
2.5	7.32
4.5	2.53

B1	
DEPTH	LEAD
5	9.20

B8	
DEPTH	LEAD
0.5	11.2
2.5	45.7
4.5	16.4

B9	
DEPTH	LEAD
0.5	43.1
.5D	45.5
2.5	9.91
4.5	45.7

B10	
DEPTH	LEAD
0.5	8.62
2.5	2.30
4.5	11.0

B11	
DEPTH	LEAD
0.5	11.2
2.5	28.7
4.5	22.3

B2	
DEPTH	LEAD
5	184

B3	
DEPTH	LEAD
5	7.47

B13	
DEPTH	LEAD
0.5	17.3
0.5D	18.2
2.5	48.0
4.5	119

B4	
DEPTH	LEAD
5	4.19

B12	
DEPTH	LEAD
0.5	35.7
2.5	7.09
4.5	5.40

B16	
DEPTH	LEAD
0.5	69.3
2.5	87.5
4.5	75.8
4.5D	67.0

B15	
DEPTH	LEAD
0.5	381
2.5	50.4
4.5	2.94

B14	
DEPTH	LEAD
0.5	77.7
2.5	215
4.5	3.51
4.5D	3.50

BORING NAME → B14

SAMPLE DEPTH (FEET BELOW GROUND SURFACE) → 0.5 / 2.5

LEAD CONCENTRATION IN SOIL (mg/kg) SHADED IN BLUE IF ABOVE RESIDENTIAL SCREENING LEVEL OF 80 mg/kg

mg/kg - MILLIGRAMS PER KILOGRAM

BASEMAP SOURCE: GOOGLE EARTH. IMAGERY DATE: 5/2019

LEGEND

PROPERTY LINE

B4 PHASE II SOIL BORING LOCATION (EFI APRIL 2021)

B16 SOIL BORING LOCATION

LEAD IN SOIL

319-327 NORTH HARBOR BLVD
SAN PEDRO, CA 90731

efi global

PN:045.06520	FIGURE
DT: 06/24/2021	6
DB:HM CB:DJ	

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BORING NAME → B12

DEPTH	Cr6
2.5	0.680
4.5	0.720

SAMPLE DEPTH (FEET BELOW GROUND SURFACE)

HEXAVALENT CHROMIUM CONCENTRATION IN SOIL (mg/kg) SHADED IN BLUE IF ABOVE RESIDENTIAL SCREENING LEVEL OF 0.3 mg/kg

mg/kg - MILLIGRAMS PER KILOGRAM
Cr6 - HEXAVALENT CHROMIUM

LEGEND

- PROPERTY LINE
- B4 PHASE II SOIL BORING LOCATION (EFI APRIL 2021)
- B16 SOIL BORING LOCATION

HEXAVALENT CHROMIUM IN SOIL

319-327 NORTH HARBOR BLVD
SAN PEDRO, CA 90731

efi global

PN:045.06520	FIGURE
DT: 06/24/2021	7
DB:HM CB:DJ	

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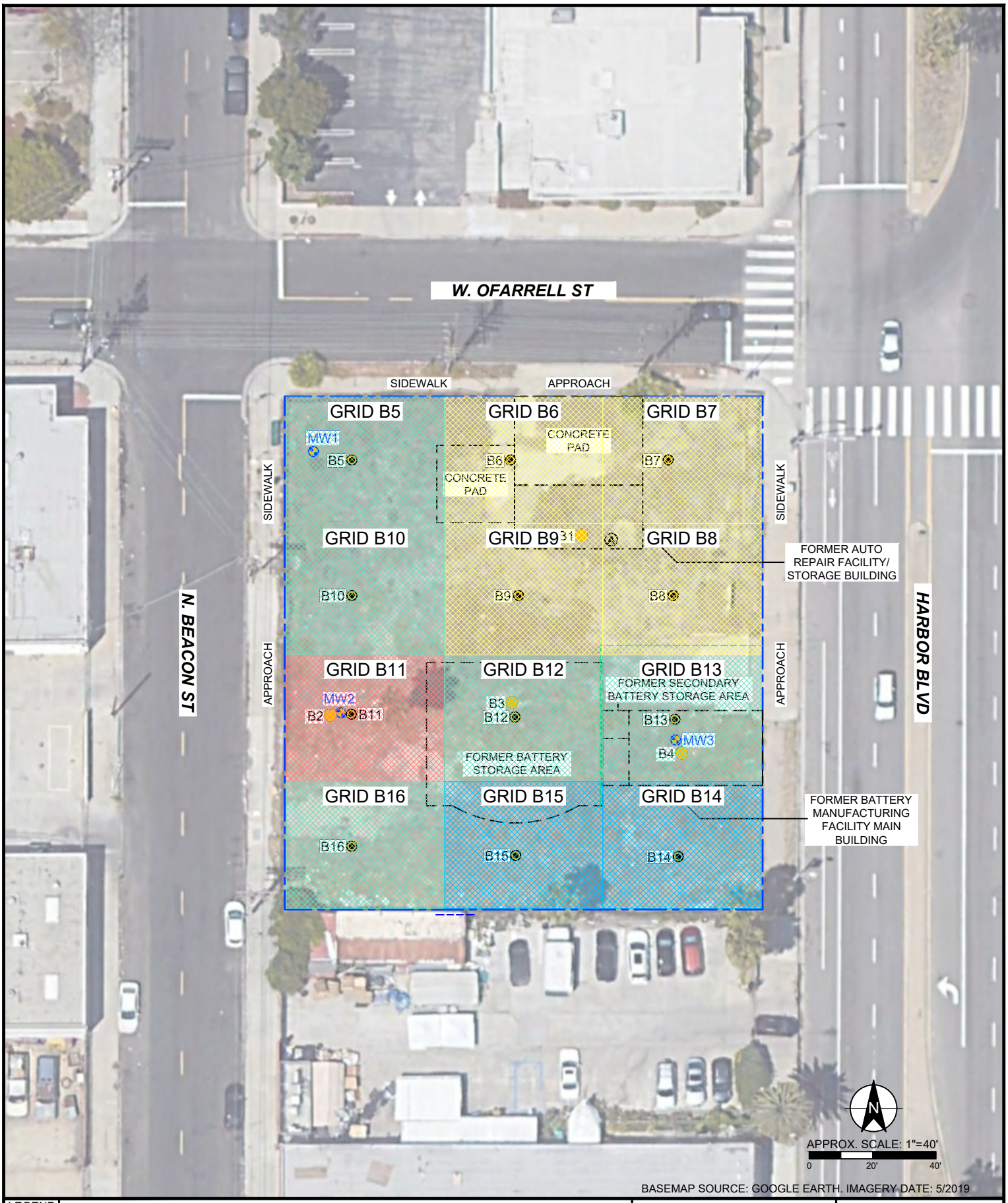

BASEMAP SOURCE: GOOGLE EARTH, IMAGERY DATE: 5/2019

LEGEND

- PROPERTY LINE
- SUBJECT STRUCTURE
- B4 PHASE II SOIL BORING LOCATION (EFI APRIL 2021)
- A FORMER ACID TANK
- 2-FEET
- 4-FEET
- 5-FEET
- 7.5-FEET
- MW3 GROUNDWATER MONITORING WELL LOCATION
- B16 SOIL BORING LOCATION
- SEWER LINE

ESTIMATED DEPTH OF FILL MATERIAL

319-327 NORTH HARBOR BLVD
SAN PEDRO, CA 90731

efi global

PN:045.06520	FIGURE
DT: 07/19/2021	8
DB:HM CB:DJ	

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TABLES

Table 1: Total Petroleum Hydrocarbons in Soil
Proposed Residential Property
319-327 N Harbor Blvd, San Pedro, California

Sample ID	Sample Date	Sample Depth (ft bgs)	EPA Method 8015M (mg/kg)			
			TPH-g (C4 - C12)	TPH-d (C13 - C22)	TPH-o (C23 - C32)	TPH-o (C33 - C36)
B1-SS-5	04/08/21	5	ND<0.5	ND<2.5	ND<100	ND<100
B1-SS-15	04/08/21	15	ND<0.5	ND<2.5	ND<100	ND<100
B1-SS-25	04/08/21	25	ND<0.5	ND<2.5	ND<100	ND<100
B2-SS-5	04/08/21	5	ND<0.5	**2.95**	ND<100	ND<100
B2-SS-15	04/08/21	15	ND<0.5	ND<2.5	ND<100	ND<100
B2-SS-25	04/08/21	25	ND<0.5	ND<2.5	ND<100	ND<100
B3-SS-5	04/08/21	5	ND<0.5	ND<2.5	ND<100	ND<100
B3-SS-15	04/08/21	15	ND<0.5	ND<2.5	ND<100	ND<100
B3-SS-25	04/08/21	25	ND<0.5	ND<2.5	ND<100	ND<100
B4-SS-5	04/08/21	5	ND<0.5	ND<2.5	ND<100	ND<100
B4-SS-15	04/08/21	15	ND<0.5	ND<2.5	ND<100	ND<100
B4-SS-25	04/08/21	25	ND<0.5	**2.72**	ND<100	ND<100
B5-SS-0.5	06/08/21	0.5	ND<0.5	**2.98**	ND<100	ND<100
B5-SS-2.5	06/08/21	2.5	ND<0.5	ND<2.5	ND<100	ND<100
B5-SS-4.5	06/08/21	4.5	ND<0.5	ND<2.5	ND<100	ND<100
B6-SS-0.5	06/08/21	0.5	ND<0.5	ND<2.5	ND<100	ND<100
B6-SS-2.5	06/08/21	2.5	ND<0.5	ND<2.5	ND<100	ND<100
B6-SS-4.5	06/08/21	4.5	ND<0.5	ND<2.5	ND<100	ND<100
B7-SS-0.5	06/08/21	0.5	ND<0.5	**261**	**942**	**142**
B7-SS-2.5	06/08/21	2.5	ND<0.5	ND<2.5	ND<100	ND<100
B7-SS-4.5	06/08/21	4.5	ND<0.5	ND<2.5	ND<100	ND<100
B8-SS-0.5	06/08/21	0.5	ND<0.5	**7.78**	ND<100	ND<100
B8-SS-2.5	06/08/21	2.5	ND<0.5	ND<2.5	ND<100	ND<100
B8-SS-4.5	06/08/21	4.5	ND<0.5	ND<2.5	ND<100	ND<100
B9-SS-0.5	06/08/21	0.5	ND<0.5	**10.5**	**109**	ND<100
B9-SS-0.5D	06/08/21	0.5	ND<0.5	**6.73**	**110**	ND<100
B9-SS-2.5	06/08/21	2.5	ND<0.5	ND<2.5	ND<100	ND<100
B9-SS-4.5	06/08/21	4.5	ND<0.5	ND<2.5	ND<100	ND<100
B10-SS-0.5	06/08/21	0.5	ND<0.5	**2.61**	ND<100	ND<100
B10-SS-2.5	06/08/21	2.5	ND<0.5	ND<2.5	ND<100	ND<100
B10-SS-4.5	06/08/21	4.5	ND<0.5	**3.59**	ND<100	ND<100
B11-SS-0.5	06/08/21	0.5	ND<0.5	ND<2.5	ND<100	ND<100
B11-SS-2.5	06/08/21	2.5	ND<0.5	**3.38**	ND<100	ND<100
B11-SS-4.5	06/08/21	4.5	ND<0.5	**3.95**	ND<100	ND<100
B12-SS-0.5	06/08/21	0.5	ND<0.5	**228**	**833**	**139**
B12-SS-2.5	06/08/21	2.5	ND<0.5	**12.2**	ND<100	ND<100
B12-SS-4.5	06/08/21	4.5	ND<0.5	ND<2.5	ND<100	ND<100
B13-SS-0.5	06/08/21	0.5	ND<0.5	**7.15**	ND<100	ND<100
B13-SS-0.5D	06/08/21	0.5	ND<0.5	**6.14**	ND<100	ND<100
B13-SS-2.5	06/08/21	2.5	ND<0.5	ND<2.5	ND<100	ND<100
B13-SS-4.5	06/08/21	4.5	ND<0.5	ND<2.5	ND<100	ND<100
B14-SS-0.5	06/08/21	0.5	ND<0.5	ND<2.5	ND<100	ND<100
B14-SS-2.5	06/08/21	2.5	ND<0.5	**5.57**	**137**	ND<100
B14-SS-4.5	06/08/21	4.5	ND<0.5	ND<2.5	ND<100	ND<100
B14-SS-4.5D	06/08/21	4.5	ND<0.5	ND<2.5	ND<100	ND<100
B15-SS-0.5	06/08/21	0.5	ND<0.5	**9.56**	**146**	ND<100

Table 1: Total Petroleum Hydrocarbons in Soil
Proposed Residential Property
319-327 N Harbor Blvd, San Pedro, California

Sample ID	Sample Date	Sample Depth (ft bgs)	EPA Method 8015M (mg/kg)			
			TPH-g (C4 - C12)	TPH-d (C13 - C22)	TPH-o (C23 - C32)	TPH-o (C33 - C36)
B15-SS-2.5	06/08/21	2.5	ND<0.5	**3.26**	ND<100	ND<100
B15-SS-4.5	06/08/21	4.5	ND<0.5	ND<2.5	ND<100	ND<100
B16-SS-0.5	06/08/21	0.5	ND<0.5	ND<2.5	ND<100	ND<100
B16-SS-2.5	06/08/21	2.5	ND<0.5	**13.7**	**195**	ND<100
B16-SS-4.5	06/08/21	4.5	ND<0.5	**4.55**	ND<100	ND<100
B16-SS-4.5D	06/08/21	4.5	ND<0.5	ND<2.5	ND<100	ND<100
Maximum Concentration			--	261	942	142
RSL (Aliphatic)[1]			520	96	230,000	--
RSL (Aromatic)[2]			82	97	2,400	--
MSSL (<20 feet)[3]			100	100	1,000	--

Notes:

[1] EPA Regional Screening Level for TPH aliphatic low (C5-C8 carbon range), medium (C9-C18 carbon range), and high (C19-C32).

[2] EPA Regional Screening Level for TPH aromatic low (C5-C8 carbon range), medium (C9-C18 carbon range), and high (C19-C32).

[3] MSSL for petroleum hydrocarbons calculated for sites with distance to groundwater <20 feet (LARWQCB May 1996 Guidebook).

EPA = Environmental Protection Agency

ft bgs = feet below ground surface

mg/kg = milligrams per kilogram

MSSL = Maximum Soil Screening Level

LARWQCB = Los Angeles Regional Water Quality Control Board

-- = Not Established/Not Applicable

ND = Not Detected above laboratory reporting limit

RSL = EPA Regional Screening Levels for Residential Soil (May 2021)

TPH-d = Total Petroleum Hydrocarbon, Diesel Range Organics

TPH-g = Total Petroleum Hydrocarbon, Gasoline Range Organics

TPH-o = Total Petroleum Hydrocarbon, Oil Range Organics

Detections are noted in **bold**

Detections above RSLs and MSSLs are noted in **bold** and yellow shading

Table 2: Metals in Soil
Proposed Residential Property
319-327 N Harbor Blvd, San Pedro, California

Sample ID	Sample Date	Sample Depth (ft bgs)	Antimony	Arsenic	Barium			Beryllium	Cadmium	Chromium			Chromium VI	Cobalt	Copper	Lead			Molybdenum	Nickel	Selenium	Silver	Thallium[4]	Vanadium	Zinc	Mercury
EPA Method			6010B	6010B	6010B	6010B	6010B	6010B	6010B	6010B	6010B	6010B	7199	6010B	6010B	6010B	6010B	6010B	6010B	6010B	6010B	6010B	6010B	6010B	6010B	7471A
Type			TTLC	TTLC	TTLC	STLC	TCLP	TTLC	TTLC	TTLC	STLC	TCLP	TTLC	TTLC	TTLC	TTLC	STLC	TCLP	TTLC	TTLC	TTLC	TTLC	TTLC	TTLC	TTLC	TTLC
Units			mg/kg	mg/kg	mg/kg	mg/L	mg/L	mg/kg	mg/kg	mg/kg	mg/L	mg/L	mg/kg	mg/kg	mg/kg	mg/kg	mg/L	mg/L	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
B1-SS-5	04/08/21	5	ND<2	4.93	107	--	--	ND<1	ND<1	27.4	--	--	--	11.4	22.7	9.20	--	--	ND<1	22.6	ND<2	ND<1	1.27 J	50.2	59.0	ND<0.1
B1-SS-15	04/08/21	15	ND<2	2.10	82.2	--	--	ND<1	ND<1	12.6	--	--	--	5.05	7.32	2.89	--	--	ND<1	8.16	ND<2	ND<1	ND<1	22.5	24.0	ND<0.1
B1-SS-25	04/08/21	25	ND<2	3.64	518	--	--	ND<1	1.52	59.1	--	--	--	14.3	32.5	3.69	--	--	2.46	49.0	ND<2	ND<1	2.32	94.5	58.7	ND<0.1
B2-SS-5	04/08/21	5	2.66	3.65	131	--	--	ND<1	ND<1	18.1	--	--	--	6.80	24.8	184	16.9	ND<0.5	ND<1	14.2	ND<2	ND<1	ND<1	33.9	133	ND<0.1
B2-SS-15	04/08/21	15	ND<2	3.76	111	--	--	ND<1	ND<1	17.9	--	--	--	7.18	14.4	3.74	--	--	ND<1	11.8	ND<2	ND<1	ND<1	31.9	32.9	ND<0.1
B2-SS-25	04/08/21	25	ND<2	3.69	75.1	--	--	ND<1	ND<1	16.5	--	--	--	7.13	13.2	3.63	--	--	ND<1	12.0	ND<2	ND<1	ND<1	32.5	32.1	0.145
B3-SS-5	04/08/21	5	4.14	4.63	409	--	--	ND<1	5.49	117	--	--	0.683	9.36	54.7	7.47	--	--	3.11	91.8	ND<2	1.12	1.44 J	168	128	0.114
B3-SS-15	04/08/21	15	ND<2	3.22	418	--	--	ND<1	2.24	39.2	--	--	0.594	12.7	26.9	4.50	--	--	2.57	39.3	ND<2	ND<1	1.47 J	68.1	51.1	ND<0.1
B3-SS-25	04/08/21	25	ND<2	4.40	483	--	--	ND<1	1.48	55.4	--	--	--	16.5	36.5	3.89	--	--	3.55	56.1	ND<2	ND<1	1.96 J	104	64.9	ND<0.1
B4-SS-5	04/08/21	5	ND<2	2.67	85.8	--	--	ND<1	ND<1	13.2	--	--	--	5.2	9.09	4.19	--	--	ND<1	8.81	ND<2	ND<1	ND<1	23.6	26.1	0.114
B4-SS-15	04/08/21	15	ND<2	3.96	115	--	--	ND<1	ND<1	21.4	--	--	--	8.79	15.4	6.63	--	--	ND<1	14.5	ND<2	ND<1	1.16 J	36.2	40.4	ND<0.1
B4-SS-25	04/08/21	25	ND<2	3.77	417	--	--	ND<1	2.28	38.5	--	--	--	12.1	28.2	10.3	--	--	1.87	37.7	ND<2	ND<1	1.55 J	68.7	50.4	ND<0.1
B5-SS-0.5	06/08/21	0.5	ND<2	3.87	1,880	--	--	ND<1	1.76	37.7	--	--	0.364	10.2	19.8	6.40	--	--	6.83	30.8	ND<2	ND<1	ND<1	55.6	56.3	ND<0.1
B5-SS-2.5	06/08/21	2.5	ND<2	3.71	1,870	--	--	ND<1	1.71	38.4	--	--	--	16.1	17.8	3.34	--	--	6.84	35.4	ND<2	ND<1	1.52 J	54.4	44.5	ND<0.1
B5-SS-4.5	06/08/21	4.5	ND<2	4.19	2,670	12.5	2.51	ND<1	1.65	37.9	--	--	--	11.8	17.7	2.52	--	--	12.6	32.2	ND<2	ND<1	ND<1	52.5	45.5	ND<0.1
B6-SS-0.5	06/08/21	0.5	2.81	3.03	128	--	--	ND<1	2.11	14.4	--	--	--	5.41	24.1	117	--	--	ND<1	11.7	ND<2	ND<1	ND<1	24.4	158	ND<0.1
B6-SS-2.5	06/08/21	2.5	ND<2	3.28	126	--	--	ND<1	ND<1	16.6	--	--	--	7.45	13.8	6.41	--	--	ND<1	12.5	ND<2	ND<1	ND<1	30.1	38.9	ND<0.1
B6-SS-4.5	06/08/21	4.5	ND<2	2.79	92.0	--	--	ND<1	ND<1	16.1	--	--	--	6.88	9.60	4.04	--	--	ND<1	11.0	ND<2	ND<1	ND<1	27.1	28.5	ND<0.1
B7-SS-0.5	06/08/21	0.5	2.06	7.69	366	--	--	ND<1	5.58	53.3	--	--	0.432	9.70	33.5	10.1	--	--	10.2	52.7	ND<2	ND<1	1.19 J	161	76.0	ND<0.1
B7-SS-2.5	06/08/21	2.5	ND<2	3.17	147	--	--	ND<1	ND<1	22.9	--	--	--	7.51	16.0	7.32	--	--	ND<1	15.6	ND<2	ND<1	1.08 J	36.3	45.6	ND<0.1
B7-SS-4.5	06/08/21	4.5	ND<2	2.24	59.1	--	--	ND<1	ND<1	8.95	--	--	--	3.83	6.09	2.53	--	--	ND<1	6.26	ND<2	ND<1	ND<1	16.9	18.7	ND<0.1
B8-SS-0.5	06/08/21	0.5	2.13	5.38	711	--	--	ND<1	6.57	65.2	--	--	0.492	15.3	41.0	11.2	--	--	12.5	65.0	ND<2	ND<1	2.13	141	99.4	ND<0.1
B8-SS-2.5	06/08/21	2.5	ND<2	2.54	92.8	--	--	ND<1	ND<1	12.0	--	--	--	5.03	10.1	45.7	--	--	ND<1	8.57	ND<2	ND<1	ND<1	21.7	32.4	ND<0.1
B8-SS-4.5	06/08/21	4.5	ND<2	10.9	101	--	--	ND<1	ND<1	23.3	--	--	--	8.56	20.8	16.4	--	--	ND<1	15.4	ND<2	ND<1	1.10 J	45.2	45.1	ND<0.1
B9-SS-0.5	06/08/21	0.5	ND<2	4.98	405	--	--	ND<1	1.20	29.4	--	--	--	8.17	21.6	43.1	--	--	1.20	22.0	ND<2	ND<1	ND<1	51.8	73.7	ND<0.1
B9-SS-0.5D	06/08/21	0.5	2.02	4.85	392	--	--	ND<1	1.33	30.8	--	--	--	8.69	24.9	45.5	--	--	1.23	23.6	ND<2	ND<1	ND<1	54.1	81.0	ND<0.1
B9-SS-2.5	06/08/21	2.5	ND<2	3.04	117	--	--	ND<1	ND<1	16.0	--	--	--	6.73	15.5	9.91	--	--	ND<1	11.8	ND<2	ND<1	ND<1	28.2	40.8	ND<0.1
B9-SS-4.5	06/08/21	4.5	ND<2	4.02	143	--	--	ND<1	ND<1	21.3	--	--	--	8.61	16.6	45.7	--	--	ND<1	14.8	ND<2	ND<1	ND<1	34.9	37.1	ND<0.1
B10-SS-0.5	06/08/21	0.5	ND<2	3.71	1,810	--	--	ND<1	1.99	32.9	--	--	--	9.10	20.7	8.62	--	--	4.76	28.9	ND<2	ND<1	ND<1	55.9	62.4	ND<0.1
B10-SS-2.5	06/08/21	2.5	ND<2	3.05	2,280	13.8	2.76	ND<1	1.81	32.7	--	--	--	10.1	17.3	2.30	--	--	9.41	31.1	ND<2	ND<1	ND<1	51.6	47.4	ND<0.1
B10-SS-4.5	06/08/21	4.5	ND<2	4.05	901	--	--	ND<1	ND<1	25.2	--	--	--	7.21	15.9	11.0	--	--	3.11	19.4	ND<2	ND<1	1.03 J	41.4	56.4	ND<0.1
B11-SS-0.5	06/08/21	0.5	ND<2	2.86	1,560	--	--	ND<1	1.70	39.2	--	--	0.244	12.5	24.0	11.2	--	--	5.39	35.3	ND<2	ND<1	1.77 J	62.8	59.2	ND<0.1
B11-SS-2.5	06/08/21	2.5	ND<2	3.22	155	--	--	ND<1	ND<1	16.2	--	--	--	4.74	13.4	28.7	--	--	ND<1	13.7	ND<2	ND<1	ND<1	27.3	49.8	ND<0.1
B11-SS-4.5	06/08/21	4.5	ND<2	3.64	518	--	--	ND<1	ND<1	19.1	--	--	--	5.08	14.2	22.3	--	--	ND<1	15.2	ND<2	ND<1	ND<1	32.6	49.1	ND<0.1
B12-SS-0.5	06/08/21	0.5	ND<2	4.56	416	--	--	ND<1	2.31	48.6	--	--	--	10.0	32.3	35.7	--	--	1.98	43.2	ND<2	ND<1	1.16 J	91.9	80.2	ND<0.1
B12-SS-2.5	06/08/21	2.5	4.69	4.32	506	--	--	ND<1	5.44	136	ND<0.5	ND<0.5	0.680	9.59	64.8	7.09	--	--	3.27	112	ND<2	ND<1	1.18 J	218	155	ND<0.1
B12-SS-4.5	06/08/21	4.5	4.41	4.49	437	--	--	ND<1	5.39	128	--	--	0.720	8.86	61.3	5.40	--	--	3.77	108	ND<2	ND<1	ND<1	193	146	0.126
B13-SS-0.5	06/08/21	0.5	ND<2	4.66	336	--	--	ND<1	1.84	35.2	--	--	--	8.54	22.6	17.3	--	--	1.68	31.3	ND<2	ND<1	1.20 J	67.1	69.4	ND<0.1
B13-SS-0.5D	06/08/21	0.5	ND<2	4.88	337	--	--	ND<1	1.99	38.0	--	--	--	8.75	23.0	18.2	--	--	1.85	31.8	ND<2	ND<1	1.26 J	73.7	70.9	ND<0.1
B13-SS-2.5	06/08/21	2.5	ND<2	3.15	113	--	--	ND<1	2.31	12.4	--	--	--	4.86	22.1	48.0	--	--	ND<1	10.4	ND<2	ND<1	ND<1	22.0	138	ND<0.1
B13-SS-4.5	06/08/21	4.5	2.15	3.24	101	--	--	ND<1	ND<1	15.4	--	--	--	5.73	16.5	119	--	--	ND<1	13.7	ND<2	ND<1	ND<1	30.9	58.0	ND<0.1
B14-SS-0.5	06/08/21	0.5	ND<2	4.89	156	--	--	ND<1	ND<1	21.2	--	--	0.726	8.16	23.1	77.7	--	--	ND<1	18.9	ND<2	ND<1	ND<1	39.3	84.9	ND<0.1
B14-SS-2.5	06/08/21	2.5	2.56	4.82	250	--	--	ND<1	ND<1	23.5	--	--	--	8.17	36.4	215	12.5	ND<0.5	ND<1	22.1	ND<2	ND<1	ND<1	41.5	341	0.114
B14-SS-4.5	06/08/21	4.5	ND<2	3.01	69.5	--	--	ND<1	ND<1	10.5	--	--	--	4.44	7.19	3.51	--	--	ND<1	7.43	ND<2	ND<1	ND<1	19.7	22.9	ND<0.1
B14-SS-4.5D	06/08/21	4.5	ND<2	3.16	66.9	--	--	ND<1	ND<1	12.1	--	--	--	4.90	8.24	3.50	--	--	ND<1	8.23	ND<2	ND<1	ND<1	21.5	24.5	ND<0.1
B15-SS-0.5	06/08/21	0.5	7.13	4.68	239	--	--	ND<1	1.18	27.3	--	--	--	7.76	44.5	381	18.5	ND<0.5	1.02	26.8	ND<2	ND<1	1.22 J	55.4	173	ND<0.1
B15-SS-2.5	06/08/21	2.5	ND<2	5.62	136	--	--	ND<1	ND<1	23.3	--	--	--	7.74	18.4	50.4	--	--	ND<1	14.4	ND<2	ND<1	1.12 J	33.9	75.8	ND<0.1
B15-SS-4.5	06/08/21	4.5	ND<2	3.67	126	--	--	ND<1	ND<1	14.5	--	--	--	5.45	11.3	2.94	--	--	ND<1	9.70	ND<2	ND<1	ND<1	26.6	30.0	ND<0.1
B16-SS-0.5	06/08/21	0.5	2.00	3.58	1,460	--	--	ND<1	1.49	35.8	--	--	0.300	9.40	26.1	69.3	--	--	4.03	29.0	ND<2	ND<1	1.02 J	56.4	85.2	ND<0.1
B16-SS-2.5	06/08/21	2.5	ND<2	4.28	204	--	--	ND<1	ND<1	20.3	--	--	--	7.44	34.6	87.5	--	--	ND<1	16.1	ND<2	ND<1	ND<1	37.5	111	ND<0.1
B16-SS-4.5	06/08/21	4.5	ND<2	3.50	155	--	--	ND<1	ND<1	17.6	--	--	--	6.26	20.6	75.8	--	--	ND<1	12.0	ND<2	ND<1	ND<1	31.4	92.1	0.102
B16-SS-4.5D	06/08/21	4.5	ND<2	3.65	140	--	--	ND<1	ND<1	18.2	--	--	--	6.56	19.6	67.0	--	--	ND<1	11.9	ND<2	ND<1	ND<1	32.2	87.9	0.100
Maximum Concentration			7.13	10.9	2,670	13.8	2.76	--	6.57	136	--	--	0.726	16.1	64.8	381	18.5	--	12.6	112	--	--	2.13	218	341	0.126
Typical Range for California Soils[1]			0.15-1.95	0.6-11	133-1,400	--	--	0.25-2.7	0.05-1.7	23-1,579	--	--	--	2.7-46.9	9.1-96.4	12.4-97.1	--	--	0.1-9.6	9-509	0.015-0.430	0.1-8.3	0.17-1.1	39-288	88-236	0.1-0.9
Typical Upper Limit for California Soils[2]			5.5	19.1	323.6	--	--	1.0	2.7	99.6	--	--	7.5	22.2	69.4	16.1	--	--	4.8	119.8	5.6	1.8	7.6	74.3	106.1	0.4
Residential DTSC SL*			31	12[3]	15,000	--	--	16	71	--	--	--	0.3	23	3,100	80	--	--	390	820	390	390	0.78	390	23,000	1.0
TTLC California Hazardous Waste Limit			500	500	10,000	--	--	75	100	2,500	--	--	500	8,000	2,500	1,000	--	--	3,500	2,000	100	500	700	2,400	5,000	20
STLC California Hazardous Waste Limit			15	5	--	100	--	0.75	1	--	5	--	5	80	25	--	5	--	350	20	1	5	7	24	250	0.2
TCLP RCRA Hazardous Waste Limit			--	5	--	--	100	--	1	--	--	5	--	--	--	--	--	5	--	--	1	5	--	--	--	0.2
10x STLC Trigger Value			150	50	1,000	--	--	7.5	10	50	--	--	50	800	250	50	--	--	3500	200	10	50	70	240	2500	2
20x TCLP Trigger Value			--	100	2,000	--	--	--	20	100	--	--	--	--	--	100	--	--	--	--	20	100	--	--	--	4

Notes:

[1] = Typical background levels for California soils (Bradford et al, 1996).

[2] = 99% Upper Tolerance Limit (UTL) Concentrations (Lawrence Berkeley National Laboratory, 2009 and Hunter and Davis, 2001).

[3] = It is commonly understood and well documented that natural background concentrations of arsenic in soils are often well above DTSC SLs. DTSC has acknowledged that the strict use of RSLs is impractical and has set acceptable levels of arsenic in soil in the range of 8 to 12 mg/kg for school sites in California (Bradford et al, 1996).

[4] = Thallium was reported down to the laboratory minimum detection limit (MDL). J flags, where present, indicate that the detected concentration was between the laboratory MDL and reporting limit (RL).

* = For compounds without HERO Note 3 established screening levels, EPA Regional Screening Levels for Residential Soil (May 2021) were used instead. DTSC Residenital Soil Screening Level (Human and Ecological Risk Office [HERO]; HHRA Note 3, June 2020).

DTSC SL = Department of Toxic Substances Control Residenital Soil Screening Level

Detections are noted in **bold**

Detections exceeding screening levels are noted in **bold** and yellow shading

Detections exceeding STLC California Hazardous Waste Limit of 5 mg/L are noted in **bold** and orange shading

-- = Not Established/Not Applicable

ft bgs = feet below ground surface

mg/kg = milligrams per kilogram

ND = Not Detected above laboratory reporting limit. For thallium, Not Detected above laboratory minimum detection limit.

RSL = US EPA Regional Screening Level (*Regional Screening Level (RSL) Summary Table (TR=1E-06, HQ=1) May 2021*, EPA)

STLC = Soluble Threshold Limit Concentration in milligrams per liter (mg/L) as identified in Title 22 of the California Code of Regulations. A concentration of ten times the STLC is sometimes used as a trigger to conduct further analysis (i.e., the soluble analysis) of a sample to determine disposal requirements. Wastes with soluble concentrations above this va considered hazardous for the purposes of disposal under California regulations.

TCLP = Toxicity Characteristic Leaching Procedure concentration in mg/L as identified in the Code of Federal Regulations. A concentration of 20 times the TCLP is sometimes used as a trigger to conduct further analysis (i.e., the soluble analysis) of a sample to determine disposal requirements. Wastes with soluble concentrations above this value are con hazardous for the purposes of disposal under federal regulations.

TTLC = Total Threshold Limit Concentration as identified in Title 22 of the California Code of Regulations. Waste with concentrations above this value are considered hazardous for the purposes of disposal under California regulations.

Table 3: Total Petroleum Hydrocarbons and Volatile Organic Compounds in Groundwater
Proposed Residential Property
319-327 N Harbor Blvd, San Pedro, California

Sample/Well ID	Sample Date	Sample Depth/Screen Interval (ft bgs)	EPA Method 8015M (mg/L)				All EPA Method 8260B VOCs (µg/L)
			TPH-g (C4 - C12)	TPH-d (C13 - C22)	TPH-o (C23 - C32)	TPH-o (C33 - C36)	
B1-GW-34	04/09/21	34	ND<0.1	ND<0.5	ND<2.5	ND<10	ND
B2-GW-29	04/09/21	29	ND<0.1	**0.629**	ND<2.5	ND<10	ND
B3-GW-29	04/09/21	29	ND<0.1	**0.589**	ND<2.5	ND<10	ND
B4-GW-29	04/09/21	29	ND<0.1	ND<0.5	ND<2.5	ND<10	ND
MW1	06/23/21	20-35	ND<0.1	ND<0.5	ND<2.5	ND<10	ND
MW2	06/23/21	20-35	ND<0.1	ND<0.5	ND<2.5	ND<10	ND
MW3	06/23/21	13-28	ND<0.1	ND<0.5	ND<2.5	ND<10	ND
Maximum Concentration			--	0.629	--	--	--
DTSC-SL			--	--	--	--	Varies

Notes:

DTSC-SL = Department of Toxic Substances Control Screening Level, from *Human Health Risk Assessment (HHRA) Note, HERO HHRA NOTE NUMBER: 3, DTSC-modified Screening Levels (DTSC-SLs), Release Date: June 2020 Update*.

ft bgs = feet below ground surface

mg/L = milligrams per Liter

µg/L = micrograms per Liter

ND = Not Detected above laboratory reporting limit

-- = Not Established/Not Applicable

TPH-d = Total Petroleum Hydrocarbon, Diesel Range Organics

TPH-g = Total Petroleum Hydrocarbon, Gasoline Range Organics

TPH-o = Total Petroleum Hydrocarbon, Oil Range Organics

VOCs = Volatile Organic Compounds

Table 4: Metals in Groundwater
Proposed Residential Property
319-327 N Harbor Blvd, San Pedro, California

Sample/Well ID	Sample Date	Sample Depth/Screen Interval (ft bgs)	EPA Method 6020/7199/7471A (µg/L)																	
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Hexavalent Chromium	Cobalt	Copper	Lead	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Mercury
B1-GW-34	04/09/21	34	ND<20	**122**	**6,310**	**5**	**10**	**481**	--	**145**	**397**	**110**	**69**	**339**	ND<20	ND<10	**12**	**791**	**778**	ND<1
B2-GW-29	04/09/21	29	**20**	**300**	**9,950**	**11**	**30**	**992**	--	**248**	**777**	**442**	**165**	**521**	ND<20	ND<10	**36**	**1,350**	**1,560**	**2.36**
B3-GW-29	04/09/21	29	ND<20	**127**	**979**	ND<5	ND<5	**228**	--	**87**	**199**	**54**	**518**	**186**	ND<20	ND<10	ND<10	**370**	**481**	ND<1
B4-GW-29	04/09/21	29	**21**	**257**	**3,350**	**12**	**21**	**778**	--	**276**	**884**	**191**	**24**	**457**	ND<20	ND<10	**36**	**1,360**	**1,570**	**2.74**
MW1	06/23/21	20-35	**1.16** (ND<1)	ND<2 (ND<10)	**105 (43.7)**	ND<1 (ND<1)	ND<1 (ND<1)	**19.2 (14.2)**	**0.27**	**4.17 (2.55)**	**15.6 (10.8)**	**2.28 (1.65)**	**61.8 (66.2)**	**9.73 (6.80)**	ND<2 (ND<10)	ND<1 (ND<1)	ND<1 (ND<1)	**60.6 (48.3)**	ND<20 (ND<100)	ND<1 (ND<1)
MW2	06/23/21	20-35	**2.12 (1.06)**	ND<10 (ND<10)	**189 (30.6)**	ND<1 (ND<1)	ND<1 (ND<1)	**34.6 (12.8)**	**0.30**	**7.15** (ND<1)	**41.0 (22.0)**	**5.25** (ND<1)	**166 (164)**	**19.6** (ND<5)	ND<10 (ND<10)	ND<1 (ND<1)	ND<1 (ND<1)	**82.3 (46.6)**	**39.8** (ND<100)	ND<1 (ND<1)
MW3	06/23/21	13-28	ND<5 (ND<5)	ND<10 (ND<10)	**69.4 (37.8)**	ND<5 (ND<1)	ND<5 (ND<5)	**17.6 (21.9)**	ND<0.20	**3.01** (ND<5)	**51.6 (37.8)**	ND<5 (ND<5)	**125 (137)**	**15.8 (11.0)**	ND<10 (ND<10)	ND<5 (ND<1)	ND<5 (ND<5)	**40.9 (69.4)**	ND<100 (ND<100)	ND<1 (ND<1)
Maximum Concentration			**21**	**300**	**9,950**	**12**	**30**	**992**	**0.3**	**276**	**884**	**442**	**518**	**521**	--	--	**36**	**1,360**	**1,570**	**2.74**
California MCL[1]			**6**	**10**	**1,000**	**4**	**5**	**50**	**10 [1]**	--	**1,300**	**15**	--	**100**	**50**	--	**2**	--	--	**2**
Secondary MCL[2]			--	--	--	--	--	--	--	--	**1,000**	--	--	--	--	**100**	--	--	**5,000**	--

Notes:

[1] 10 µg/L is the former hexavalent chromium MCL; it was rescinded as of September 11, 2017 (https://www.waterboards.ca.gov/drinking_water/certlic/drinkingwater/Chromium6.html). There currently is no MCL for hexavalent chromium.

California Maximum Contaminant Level from State Water Resources Control Board: *MCLs, DLRs, PHGs for Regulated Drinking Water Contaminants* (August 21, 2020 Update)

Envrionmental Protection Agency Secondary Drinking Water Standards: *Guidance for Nuisance Chemicals - Table of Secondary Standards*

ft bgs = feet below ground surface

µg/L = micrograms per Liter

-- = Not Established/Not Applicable

MCL = Maximum Contaminant Level

ND = Not Detected above laboratory reporting limit

Detections are noted in **bold**

Detections above MCLs are noted in **bold** and yellow shading

Concentrations within parentheses represent dissolved metals concentrations

APPENDIX A

WELL CONSTRUCTION PERMITS

ENVIRONMENTAL HEALTH

Drinking Water Program

5050 Commerce Drive, Baldwin Park, CA 91706
Telephone: (626) 430-5420 • Facsimile: (626) 813-3013 • Email: waterquality@ph.lacounty.gov
http://publichealth.lacounty.gov/eh/ep/dw/dw_main.htm

SR0256804
319-327 North Harbor Boulevard (APN. 7449-014-013)
San Pedro, CA 90731
Work Plan Approval

WORK SITE ADDRESS	CITY	ZIP	EMAIL ADDRESS FOR WELL PERMIT APPROVAL
319-327 North Harbor Boulevard (APN. 7449-014-013)	San Pedro	90731	Daniel.Jablonski@efiglobal.com

NOTICE:

- WORK PLAN APPROVALS ARE VALID FOR 180 DAYS. 30 DAY EXTENSIONS OF WORK PLAN APPROVALS ARE CONSIDERED ON AN INDIVIDUAL (CASE-BY-CASE) BASIS AND MAY BE SUBJECT TO ADDITIONAL PLAN REVIEW FEES (HOURLY RATE AS APPLICABLE).
- WORK PLAN MODIFICATIONS MAY BE REQUIRED IF WELL AND GEOLOGIC CONDITIONS ENCOUNTERED AT THE SITE INSPECTION ARE FOUND TO DIFFER FROM THE SCOPE OF WORK PRESENTED TO THE DEPARTMENT OF PUBLIC HEALTH—DRINKING WATER PROGRAM.
- WORK PLAN APPROVALS ARE LIMITED TO COMPLIANCE WITH THE CALIFORNIA WELL STANDARDS AND THE LOS ANGELES COUNTY CODE AND DOES NOT GRANT ANY RIGHTS TO CONSTRUCT, RENOVATE, OR DECOMMISSION ANY WELL. THE APPLICANT IS RESPONSIBLE FOR SECURING ALL OTHER NECESSARY PERMITS SUCH AS WATER RIGHTS, PROPERTY RIGHTS, COASTAL COMMISSION APPROVALS, USE COVENANTS, ENCROACHMENT PERMISSIONS, UTILITY LINE SETBACKS, CITY/COUNTY PUBLIC WORKS RIGHTS OF WAY, ETC.
- THIS PERMIT IS NOT COMPLETE UNTIL ALL OF THE FOLLOWING REQUIREMENTS ARE SIGNED BY THE DEPUTY HEALTH OFFICER. WORK SHALL NOT BE INITIATED WITHOUT A WORK PLAN APPROVAL STAMPED BY THE DEPARTMENT OF PUBLIC HEALTH—DRINKING WATER PROGRAM.
- ***ONCE APPROVED NOTIFY INSPECTOR AT ytaye@ph.lacounty.gov PREFERABLY 3 BUSINESS DAYS BEFORE WORK IS SCHEDULED TO BEGIN.***

TO BE COMPLETED BY DEPARTMENT OF PUBLIC HEALTH—DRINKING WATER PROGRAM:

WORK PLAN APPROVED (2 monitoring wells construction) **DATE: June 3, 2021**

ADDITIONAL APPROVAL CONDITIONS:

- Work plan approval is issued for scope of work submitted to the Drinking Water Program. Any modifications to the scope of work will require additional work plan review.
- Ensure to backfill using a tremie pipe or equivalent, proceeding upward from the bottom of the boring.
- The construction/destruction of wells must comply with all applicable requirements published in the California Well Standards (Bulletins 74-81 and 74-90), Los Angeles County Code and all other applicable laws.
- Submit well completion report/log to ***ytaye@ph.lacounty.gov*** within 30 days from the date its construction/destruction is completed.
- Drillers shall submit their well completion reports to the Department of Water Resources through the Online System of Well Completion Reports (OSWCR) at https://civicnet.resources.ca.gov/DWR_WELLS.

REHS NO. 7115

Yonas Taye, REHS

☑ ANNULAR SEAL FINAL INSPECTION REQUIRED	☑ WELL COMPLETION LOG REQUIRED
DATE ACCEPTED: REHS signature	DATE ACCEPTED: REHS signature
☐ WATER QUALITY—BACTERIOLOGICAL STANDARDS REQUIRED	☐ WATER QUALITY—CHEMICAL STANDARDS REQUIRED
DATE ACCEPTED: REHS signature	DATE ACCEPTED: REHS signature
☐ WATER SUPPLY YIELD REQUIRED	☐ OTHER REQUIREMENT
DATE ACCEPTED: REHS signature	DATE ACCEPTED: REHS signature

ENVIRONMENTAL HEALTH

Drinking Water Program

5050 Commerce Drive, Baldwin Park, CA 91706
Telephone: (626) 430-5420 • Facsimile: (626) 813-3013 • Email: waterquality@ph.lacounty.gov
http://publichealth.lacounty.gov/eh/ep/dw/dw_main.htm

SR0256805
319-327 North Harbor Boulevard (APN. 7449-014-014)
San Pedro, CA 90731
Work Plan Approval

WORK SITE ADDRESS	CITY	ZIP	EMAIL ADDRESS FOR WELL PERMIT APPROVAL
319-327 North Harbor Boulevard (APN. 7449-014-014)	San Pedro	90731	Daniel.Jablonski@efiglobal.com

NOTICE:

- WORK PLAN APPROVALS ARE VALID FOR 180 DAYS. 30 DAY EXTENSIONS OF WORK PLAN APPROVALS ARE CONSIDERED ON AN INDIVIDUAL (CASE-BY-CASE) BASIS AND MAY BE SUBJECT TO ADDITIONAL PLAN REVIEW FEES (HOURLY RATE AS APPLICABLE).
- WORK PLAN MODIFICATIONS MAY BE REQUIRED IF WELL AND GEOLOGIC CONDITIONS ENCOUNTERED AT THE SITE INSPECTION ARE FOUND TO DIFFER FROM THE SCOPE OF WORK PRESENTED TO THE DEPARTMENT OF PUBLIC HEALTH—DRINKING WATER PROGRAM.
- WORK PLAN APPROVALS ARE LIMITED TO COMPLIANCE WITH THE CALIFORNIA WELL STANDARDS AND THE LOS ANGELES COUNTY CODE AND DOES NOT GRANT ANY RIGHTS TO CONSTRUCT, RENOVATE, OR DECOMMISSION ANY WELL. THE APPLICANT IS RESPONSIBLE FOR SECURING ALL OTHER NECESSARY PERMITS SUCH AS WATER RIGHTS, PROPERTY RIGHTS, COASTAL COMMISSION APPROVALS, USE COVENANTS, ENCROACHMENT PERMISSIONS, UTILITY LINE SETBACKS, CITY/COUNTY PUBLIC WORKS RIGHTS OF WAY, ETC.
- THIS PERMIT IS NOT COMPLETE UNTIL ALL OF THE FOLLOWING REQUIREMENTS ARE SIGNED BY THE DEPUTY HEALTH OFFICER. WORK SHALL NOT BE INITIATED WITHOUT A WORK PLAN APPROVAL STAMPED BY THE DEPARTMENT OF PUBLIC HEALTH—DRINKING WATER PROGRAM.
- ***ONCE APPROVED NOTIFY INSPECTOR AT ytaye@ph.lacounty.gov PREFERABLY 3 BUSINESS DAYS BEFORE WORK IS SCHEDULED TO BEGIN.***

TO BE COMPLETED BY DEPARTMENT OF PUBLIC HEALTH—DRINKING WATER PROGRAM:

WORK PLAN APPROVED (1 monitoring well construction) **DATE: June 3, 2021**

ADDITIONAL APPROVAL CONDITIONS:

- Work plan approval is issued for scope of work submitted to the Drinking Water Program. Any modifications to the scope of work will require additional work plan review.
- Ensure to backfill using a tremie pipe or equivalent, proceeding upward from the bottom of the boring.
- The construction/destruction of wells must comply with all applicable requirements published in the California Well Standards (Bulletins 74-81 and 74-90), Los Angeles County Code and all other applicable laws.
- Submit well completion report/log to ***ytaye@ph.lacounty.gov*** within 30 days from the date its construction/destruction is completed.
- Drillers shall submit their well completion reports to the Department of Water Resources through the Online System of Well Completion Reports (OSWCR) at https://civicnet.resources.ca.gov/DWR_WELLS.

REHS NO. 7115

Yonas Taye, REHS

☑ ANNULAR SEAL FINAL INSPECTION REQUIRED	☑ WELL COMPLETION LOG REQUIRED
DATE ACCEPTED: REHS signature	DATE ACCEPTED: REHS signature
☐ WATER QUALITY—BACTERIOLOGICAL STANDARDS REQUIRED	☐ WATER QUALITY—CHEMICAL STANDARDS REQUIRED
DATE ACCEPTED: REHS signature	DATE ACCEPTED: REHS signature
☐ WATER SUPPLY YIELD REQUIRED	☐ OTHER REQUIREMENT
DATE ACCEPTED: REHS signature	DATE ACCEPTED: REHS signature

APPENDIX B

SOIL BORING LOGS

BORING B5

efi global

SITE ADDRESS: 319 - 327 NORTH HARBOR BOULEVARD, SAN PEDRO, CALIFORNIA			PROJECT NO.: 045.06520
DATE(S) DRILLED: 06/08/2021	START: 07:20	END: 08:06	BORING DIAMETER: 3"
DRILLING METHOD: HAND AUGER	DRILLING RIG: N/A		TERMINAL DEPTH: 4.5' BGS
DRILLING CONTRACTOR: CHOICE/JAMES	SAMPLING METHOD: GLASS JARS		1ST ENCOUNTERED GROUNDWATER: N/A
LOGGED BY: GABE VILLANUEVA	SURFACE: SOIL		STATIC GROUNDWATER: N/A

DEPTH (FEET)	SI	SAMPLE TIME	SAMPLE ID	PID READING	XRF READING	USCS CLASS	LITHOLOGIC SYMBOL	DESCRIPTION	COMPLETION
1		07:20	B5-SS-0.5	4.0	0	SM		SILTY SAND; MEDIUM GRAINED WITH FINE GRAVEL; REDDISH BROWN; MOIST; LOOSE; TRACE OF ASPHALT AND CONCRETE FRAGMENTS; NO STAINING OR ODORS	
		07:35	B5-SS-2.5	7.1	0	SM		SAME AS ABOVE	FILL
5		08:02	B5-SS-4.5	6.1	0	SM		SAME AS ABOVE	

BORING TERMINATED AT 4.5' BGS; NO GROUNDWATER ENCOUNTERED; BACKFILLED WITH SOIL.

BGS : BELOW GROUND SURFACE

BORING B6

efi global

SITE ADDRESS: 319 - 327 NORTH HARBOR BOULEVARD, SAN PEDRO, CALIFORNIA			*PROJECT NO.:* 045.06520
DATE(S) DRILLED: 06/08/2021	*START:* 08:09	*END:* 09:00	*BORING DIAMETER:* 3"
DRILLING METHOD: HAND AUGER	*DRILLING RIG:* N/A		*TERMINAL DEPTH:* 4.5' BGS
DRILLING CONTRACTOR: CHOICE/JAMES	*SAMPLING METHOD:* GLASS JARS		*1ST ENCOUNTERED GROUNDWATER:* N/A
LOGGED BY: GABE VILLANUEVA	*SURFACE:* SOIL		*STATIC GROUNDWATER:* N/A

DEPTH (FEET)	SI	SAMPLE TIME	SAMPLE ID	PID READING	XRF READING	USCS CLASS	LITHOLOGIC SYMBOL	DESCRIPTION		COMPLETION
1		08:41	B6-SS-0.5	4.6	210	SM		SILTY SAND; MEDIUM GRAINED WITH FINE GRAVEL; LIGHT BROWN; MOIST, LOOSE; NO STAINING OR ODORS; TRACE OF BRICK AND ASPHALT FRAGMENTS; NO STAINING OR ODORS	FILL	
		08:53	B6-SS-2.5	12.4	0	SP		POORLY GRADED SAND; MEDIUM GRAINED; GRAYISH BROWN; MOIST; LOOSE; NO STAINING OR ODORS	NATIVE	
5		08:57	B6-SS-4.5	6.5	0	SP		SAME AS ABOVE	NATIVE	

BORING TERMINATED AT 4.5' BGS; NO GROUNDWATER ENCOUNTERED; BACKFILLED WITH SOIL.

BGS : BELOW GROUND SURFACE

BORING B7

efi global

SITE ADDRESS: 319 - 327 NORTH HARBOR BOULEVARD, SAN PEDRO, CALIFORNIA			*PROJECT NO.:* 045.06520
DATE(S) DRILLED: 06/08/2021	*START:* 08:10	*END:* 08:29	*BORING DIAMETER:* 3"
DRILLING METHOD: HAND AUGER	*DRILLING RIG:* N/A		*TERMINAL DEPTH:* 4.5' BGS
DRILLING CONTRACTOR: CHOICE/JAMES	*SAMPLING METHOD:* GLASS JARS		*1ST ENCOUNTERED GROUNDWATER:* N/A
LOGGED BY: GABE VILLANUEVA	*SURFACE:* SOIL		*STATIC GROUNDWATER:* N/A

DEPTH (FEET)	SI	SAMPLE TIME	SAMPLE ID	PID READING	XRF READING	USCS CLASS	LITHOLOGIC SYMBOL	DESCRIPTION		COMPLETION
1		08:18	B7-SS-0.5	4.8	0	SM		**SILTY SAND; MEDIUM GRAINED; LIGHT BROWN; MOIST; LOOSE; TRACE OF BRICK AND CONCRETE FRAGMENTS; NO STAINING OR ODORS**	FILL	
		08:25	B7-SS-2.5	9.6	0	SP		**POORLY GRADED SAND; MEDIUM GRAINED; LIGHT BROWN; MOIST; VERY LOOSE; NO STAINING OR ODORS**	NATIVE	
5		08:30	B7-SS-4.5	15.1	0	SP		**SAME AS ABOVE**		

BORING TERMINATED AT 4.5' BGS; NO GROUNDWATER ENCOUNTERED; BACKFILLED WITH SOIL.

BGS : BELOW GROUND SURFACE

BORING B8

efi global

SITE ADDRESS: 319 - 327 NORTH HARBOR BOULEVARD, SAN PEDRO, CALIFORNIA			*PROJECT NO.:* 045.06520
DATE(S) DRILLED: 06/08/2021	*START:* 08:30	*END:* 09:00	*BORING DIAMETER:* 3"
DRILLING METHOD: HAND AUGER	*DRILLING RIG:* N/A		*TERMINAL DEPTH:* 4.5' BGS
DRILLING CONTRACTOR: CHOICE/JAMES	*SAMPLING METHOD:* GLASS JARS		*1ST ENCOUNTERED GROUNDWATER:* N/A
LOGGED BY: GABE VILLANUEVA	*SURFACE:* SOIL		*STATIC GROUNDWATER:* N/A

DEPTH (FEET)	SI	SAMPLE TIME	SAMPLE ID	PID READING	XRF READING	USCS CLASS	LITHOLOGIC SYMBOL	DESCRIPTION		COMPLETION
1		08:35	B8-SS-0.5	3.5	0	SM		**SILTY SAND; MEDIUM GRAINED WITH FINE GRAVEL; REDDISH BROWN; MOIST; LOOSE; NO STAINING OR ODORS**	FILL	
		08:44	B8-SS-2.5	10.2	36	SP		**POORLY GRADED SAND; MEDIUM GRAINED; GRAYISH BROWN; MOIST; LOOSE; NO STAINING OR ODORS**	NATIVE	
5		08:56	B8-SS-4.5	13.9	15	SP		**SAME AS ABOVE**		

BORING TERMINATED AT 4.5' BGS; NO GROUNDWATER ENCOUNTERED; BACKFILLED WITH SOIL.

BGS : BELOW GROUND SURFACE

BORING B9

efi global

SITE ADDRESS: 319 - 327 NORTH HARBOR BOULEVARD, SAN PEDRO, CALIFORNIA			PROJECT NO.: 045.06520
DATE(S) DRILLED: 06/08/2021	START: 13:12	END: 13:50	BORING DIAMETER: 3"
DRILLING METHOD: HAND AUGER	DRILLING RIG: N/A		TERMINAL DEPTH: 4.5' BGS
DRILLING CONTRACTOR: CHOICE/JAMES	SAMPLING METHOD: GLASS JARS		1ST ENCOUNTERED GROUNDWATER: N/A
LOGGED BY: GABE VILLANUEVA	SURFACE: SOIL		STATIC GROUNDWATER: N/A

DEPTH (FEET)	SI	SAMPLE TIME	SAMPLE ID	PID READING	XRF READING	USCS CLASS	LITHOLOGIC SYMBOL	DESCRIPTION		COMPLETION
1		13:18	B9-SS-0.5 B9-SS-0.5D	60.8	45	SM		SILTY SAND; MEDIUM GRAINED; LIGHT BROWN; MOIST; LOOSE; TRACE CONCRETE AND BRICK; NO STAINING OR ODORS	FILL	
		13:39	B9-SS-2.5	62.7	0	SP		POORLY GRADED SAND; MEDIUM GRAINED; ORANGE BROWN; MOIST; LOOSE; NO STAINING OR ODORS	NATIVE	
5		13:44	B9-SS-4.5	32.7	70	SP		SAME AS ABOVE	NATIVE	

BORING TERMINATED AT 4.5' BGS; NO GROUNDWATER ENCOUNTERED; BACKFILLED WITH SOIL.

BGS : BELOW GROUND SURFACE

BORING B10

efi global

SITE ADDRESS: 319 - 327 NORTH HARBOR BOULEVARD, SAN PEDRO, CALIFORNIA			*PROJECT NO.:* 045.06520
DATE(S) DRILLED: 06/08/2021	*START:* 12:25	*END:* 12:51	*BORING DIAMETER:* 3"
DRILLING METHOD: HAND AUGER	*DRILLING RIG:* N/A		*TERMINAL DEPTH:* 4.5' BGS
DRILLING CONTRACTOR: CHOICE/JAMES	*SAMPLING METHOD:* GLASS JARS		*1ST ENCOUNTERED GROUNDWATER:* N/A
LOGGED BY: GABE VILLANUEVA	*SURFACE:* SOIL		*STATIC GROUNDWATER:* N/A

DEPTH (FEET)	SI	SAMPLE TIME	SAMPLE ID	PID READING	XRF READING	USCS CLASS	LITHOLOGIC SYMBOL	DESCRIPTION	COMPLETION
1		12:29	B10-SS-0.5	24.4	15	SM		**SILTY SAND; MEDIUM GRAINED; LIGHT BROWN; MOIST; LOOSE; TRACE OF CONCRETE AND BRICK FRAGMENTS; NO STAINING OR ODORS**	
		12:42	B10-SS-2.5	42.9	0	SM		**SAME AS ABOVE**	
5		12:49	B10-SS-4.5	39.7	104	SM		**SAME AS ABOVE**	

FILL

BORING TERMINATED AT 4.5' BGS; NO GROUNDWATER ENCOUNTERED; BACKFILLED WITH SOIL.

BGS : BELOW GROUND SURFACE

BORING B11

efi global

SITE ADDRESS: 319 - 327 NORTH HARBOR BOULEVARD, SAN PEDRO, CALIFORNIA			*PROJECT NO.:* 045.06520
DATE(S) DRILLED: 06/08/2021	*START:* 11:32	*END:* 12:19	*BORING DIAMETER:* 3"
DRILLING METHOD: GLASS JARS	*DRILLING RIG:* N/A		*TERMINAL DEPTH:* 4.5' BGS
DRILLING CONTRACTOR: CHOICE/JAMES	*SAMPLING METHOD:* HAND AUGER		*1ST ENCOUNTERED GROUNDWATER:* N/A
LOGGED BY: GABE VILLANUEVA	*SURFACE:* SOIL		*STATIC GROUNDWATER:* N/A

DEPTH (FEET)	SI	SAMPLE TIME	SAMPLE ID	PID READING	XRF READING	USCS CLASS	LITHOLOGIC SYMBOL	DESCRIPTION	COMPLETION
1		**11:45**	**B11-SS-0.5**	**23.5**	**0**	**SM**		**SILTY SAND; MEDIUM GRAINED; LIGHT BROWN; MOIST; LOOSE; TRACE OF CONCRETE AND BRICK FRAGMENTS; NO STAINING OR ODORS**	
		12:00	**B11-SS-2.5**	**39.0**	**19**	**SM**		**SAME AS ABOVE**	
5		**12:17**	**B11-SS-4.5**	**36.2**	**37**	**SM**		**SAME AS ABOVE**	

FILL

BORING TERMINATED AT 4.5' BGS; NO GROUNDWATER ENCOUNTERED; BACKFILLED WITH SOIL.

BGS : BELOW GROUND SURFACE

BORING B12

efi global

SITE ADDRESS: 319 - 327 NORTH HARBOR BOULEVARD, SAN PEDRO, CALIFORNIA			*PROJECT NO.:* 045.06520
DATE(S) DRILLED: 06/08/2021	*START:* 12:54	*END:* 13:10	*BORING DIAMETER:* 3"
DRILLING METHOD: HAND AUGER	*DRILLING RIG:* N/A		*TERMINAL DEPTH:* 4.5' BGS
DRILLING CONTRACTOR: CHOICE/JAMES	*SAMPLING METHOD:* GLASS JARS		*1ST ENCOUNTERED GROUNDWATER:* N/A
LOGGED BY: GABE VILLANUEVA	*SURFACE:* SOIL		*STATIC GROUNDWATER:* N/A

DEPTH (FEET)	SI	SAMPLE TIME	SAMPLE ID	PID READING	XRF READING	USCS CLASS	LITHOLOGIC SYMBOL	DESCRIPTION	COMPLETION
1		**12:57**	**B12-SS-0.5**	**32.0**	**29**	**SM**		**SILTY SAND; MEDIUM GRAINED; MEDIUM BROWN; MOIST, LOOSE ; TRACE OF CONCRETE FRAGMENTS; NO STAINING OR ODORS**	
		13:05	**B12-SS-2.5**	**41.2**	**0**	**SM**		**SAME AS ABOVE**	**FILL**
5		**13:10**	**B12-SS-4.5**	**39.0**	**0**	**SM**		**SAME AS ABOVE**	

BORING TERMINATED AT 4.5' BGS; NO GROUNDWATER ENCOUNTERED; BACKFILLED WITH SOIL.

BGS : BELOW GROUND SURFACE

BORING B13

efi global

SITE ADDRESS: 319 - 327 NORTH HARBOR BOULEVARD, SAN PEDRO, CALIFORNIA			PROJECT NO.: 045.06520
DATE(S) DRILLED: 06/08/2021	START: 09:05	END: 09:15	BORING DIAMETER: 3"
DRILLING METHOD: HAND AUGER	DRILLING RIG: N/A		TERMINAL DEPTH: 4.5' BGS
DRILLING CONTRACTOR: CHOICE/JAMES	SAMPLING METHOD: GLASS JARS		1ST ENCOUNTERED GROUNDWATER: N/A
LOGGED BY: GABE VILLANUEVA	SURFACE: SOIL		STATIC GROUNDWATER: N/A

DEPTH (FEET)	SI	SAMPLE TIME	SAMPLE ID	PID READING	XRF READING	USCS CLASS	LITHOLOGIC SYMBOL	DESCRIPTION	COMPLETION
1		09:10	B13-SS-0.5 B13-SS-0.5D	2.0	0	SM		SILTY SAND; MEDIUM GRAINED; REDDISH BROWN; MOIST; LOOSE; TRACE OF BRICK AND ASPHALT FRAGMENTS; NO STAINING OR ODORS	
		09:12	B13-SS-4.5	7.8	0	SM		SAME AS ABOVE	
5		09:15	B13-SS-4.5	12.4	125	SM		SAME AS ABOVE	

FILL

BORING TERMINATED AT 4.5' BGS; NO GROUNDWATER ENCOUNTERED; BACKFILLED WITH SOIL.

BGS : BELOW GROUND SURFACE

BORING B14

efi global

SITE ADDRESS: 319 - 327 NORTH HARBOR BOULEVARD, SAN PEDRO, CALIFORNIA			PROJECT NO.: 045.06520
DATE(S) DRILLED: 06/08/2021	START: 09:17	END: 09:40	BORING DIAMETER: 3"
DRILLING METHOD: HAND AUGER	DRILLING RIG: N/A		TERMINAL DEPTH: 4.5' BGS
DRILLING CONTRACTOR: CHOICE/JAMES	SAMPLING METHOD: GLASS JARS		1ST ENCOUNTERED GROUNDWATER: N/A
LOGGED BY: GABE VILLANUEVA	SURFACE: SOIL		STATIC GROUNDWATER: N/A

DEPTH (FEET)	SI	SAMPLE TIME	SAMPLE ID	PID READING	XRF READING	USCS CLASS	LITHOLOGIC SYMBOL	DESCRIPTION		COMPLETION
1		09:23	B14-SS-0.5	5.9	88	SM		SILTY SAND; MEDIUM GRAINED WITH FINE GRAVELS; LIGHT REDDISH BROWN; MOIST, LOOSE; TRACE OF CONCRETE FRAGMENTS; NO STAINING OR ODORS	FILL	
		09:30	B14-SS-2.5	4.2	190	SM		SAME AS ABOVE	FILL	
5		09:35	B14-SS-4.5 B14-SS-4.5D	31.2	0	SP		POORLY GRADED SAND; MEDIUM GRAINED; GRAYISH BROWN; MOIST; LOOSE; NO STAINING OR ODORS	NATIVE	

BORING TERMINATED AT 4.5' BGS; NO GROUNDWATER ENCOUNTERED; BACKFILLED WITH SOIL.

BGS : BELOW GROUND SURFACE

BORING B15

efi global

SITE ADDRESS: 319 - 327 NORTH HARBOR BOULEVARD, SAN PEDRO, CALIFORNIA			PROJECT NO.: 045.06520
DATE(S) DRILLED: 06/08/2021	START: 09:40	END: 11:10	BORING DIAMETER: 3"
DRILLING METHOD: HAND AUGER	DRILLING RIG: N/A		TERMINAL DEPTH: 4.5' BGS
DRILLING CONTRACTOR: CHOICE/JAMES	SAMPLING METHOD: GLASS JARS		1ST ENCOUNTERED GROUNDWATER: N/A
LOGGED BY: GABE VILLANUEVA	SURFACE: SOIL		STATIC GROUNDWATER: N/A

DEPTH (FEET)	SI	SAMPLE TIME	SAMPLE ID	PID READING	XRF READING	USCS CLASS	LITHOLOGIC SYMBOL	DESCRIPTION		COMPLETION
1		09:42	B15-SS-0.5	6.7	324	SM		SILTY SAND; MEDIUM GRAINED WITH FINE GRAVELS; LIGHT BROWN; MOIST; LOOSE; CONCRETE AND ASPHALT FRAGMENTS PRESENT; NO STAINING OR ODORS	FILL	
		11:00	B15-SS-2.5	22.6	53	SM		SAME AS ABOVE	FILL	
5		11:07	B15-SS-4.5	32.5	0	SP		POORLY GRADED SAND; MEDIUM GRAINED; LIGHT BROWN; MOIST; LOOSE; NO STAINING OR ODORS	NATIVE	

BORING TERMINATED AT 4.5' BGS; NO GROUNDWATER ENCOUNTERED; BACKFILLED WITH SOIL.

BGS : BELOW GROUND SURFACE

BORING B16

efi global

SITE ADDRESS: 319 - 327 NORTH HARBOR BOULEVARD, SAN PEDRO, CALIFORNIA			*PROJECT NO.:* 045.06520
DATE(S) DRILLED: 06/08/2021	*START:* 11:05	*END:* 11:30	*BORING DIAMETER:* 3"
DRILLING METHOD: HAND AUGER	*DRILLING RIG:* N/A		*TERMINAL DEPTH:* 4.5' BGS
DRILLING CONTRACTOR: CHOICE/JAMES	*SAMPLING METHOD:* GLASS JARS		*1ST ENCOUNTERED GROUNDWATER:* N/A
LOGGED BY: GABE VILLANUEVA	*SURFACE:* SOIL		*STATIC GROUNDWATER:* N/A

DEPTH (FEET)	SI	SAMPLE TIME	SAMPLE ID	PID READING	XRF READING	USCS CLASS	LITHOLOGIC SYMBOL	DESCRIPTION	COMPLETION
1		11:15	B16-SS-0.5	33.1	25	SM		**SILTY SAND; MEDIUM GRAINED; MEDIUM BROWN; MOIST; LOOSE; TRACE OF CONCRETE AND BRICK FRAGMENTS; NO STAINING OR ODORS**	
		11:25	B16-SS-2.5	56.1	87	SM		**SAME AS ABOVE**	FILL
5		11:27	B16-SS-4.5 B16-SS-4.5D	43.4	110	SM		**SAME AS ABOVE**	

BORING TERMINATED AT 4.5' BGS; NO GROUNDWATER ENCOUNTERED; BACKFILLED WITH SOIL.

BGS : BELOW GROUND SURFACE

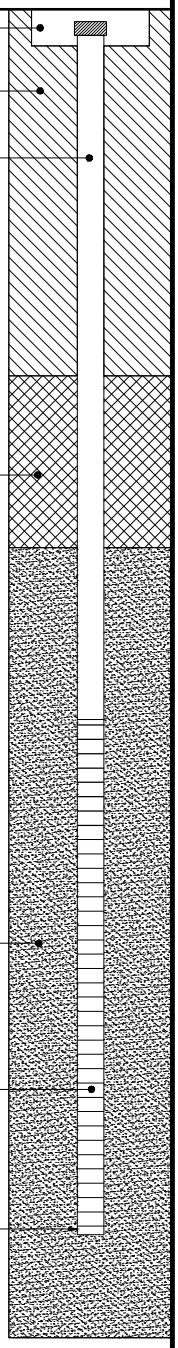
BORING MW1

efi global

SITE ADDRESS: 319 - 327 NORTH HARBOR BOULEVARD, SAN PEDRO, CALIFORNIA			PROJECT NO.: 045.06520
DATE(S) DRILLED: 06/09/2021	START: 11:20	END: 14:30	BORING DIAMETER: 8"
DRILLING METHOD: HSA/TRUCK	DRILLING RIG: TRUCK		TERMINAL DEPTH: 37' BGS
DRILLING CONTRACTOR: CHOICE/JAMES	SAMPLING METHOD: CA MODIFIED SPLIT SPOON SAMPLER		1ST ENCOUNTERED GROUNDWATER: 25'
LOGGED BY: GABE VILLANUEVA	SURFACE: SOIL		STATIC GROUNDWATER: 22.5'

DEPTH (FEET)	R	SI	SAMPLE TIME	BLOW COUNT	SAMPLE ID	PID READING	USCS CLASS	LITHOLOGIC SYMBOL	DESCRIPTION
1									
5				12 7 9		2.9	SM		**SILTY SAND; MEDIUM GRAIN; REDDISH BROWN; MOIST; MEDIUM DENSITY; NO STAINING OR ODORS FILL MATERIAL (BRICK AND ASPHALT)**
10				11 9 7		2.7	SM		**SILTY SAND; MEDIUM GRAIN; MEDIUM BROWN; MOIST; LOOSE; NO STAINING OR ODORS; MICACEOUS**
15				9 7 15		1.8	SM		**SILTY SAND; MEDIUM GRAIN WITH FINES; MEDIUM BROWN; MOIST; MEDIUM DENSITY; NO STAINING OR ODORS; MICACEOUS ; FILL MATERIAL (BRICK)**
20				12 15 9		2.4	SP		**POORLY GRADED SAND; MEDIUM GRAIN; MEDIUM BROWN; MOIST; LOOSE; NO STAINING OR ODORS; MICACEOUS**
25				12 18 22		1.9	SP		**POORLY GRADED SAND; MEDIUM GRAIN WITH FINES; MEDIUM BROWN WITH MOTTLING; WET; NO STAINING OR ODORS; MICACEOUS; (BRICK FRAGMENT FOUND AT TOP OF SLEEVE, 24')**
30				12 15 21		2.9	SP		**POORLY GRADED SAND; MEDIUM SAND; GREYISH BROWN WITH MOTTLING; MOIST; NO STAINING OR ODORS**
35				12 18 22		5.6	SP		**POORLY GRADED SAND; GREYISH BROWN; WET; LOOSE; NOT STAINING OR ODORS; MICACEOUS**
40									

COMPLETION



BORING TERMINATED AT 37' BGS; SCREEN FROM 20' TO 35' BGS;
FOLLOWING WELL INSTALLATION, GROUNDWATER WAS MEASURED AT A DEPTH OF 22.50' BGS

BGS : BELOW GROUND SURFACE

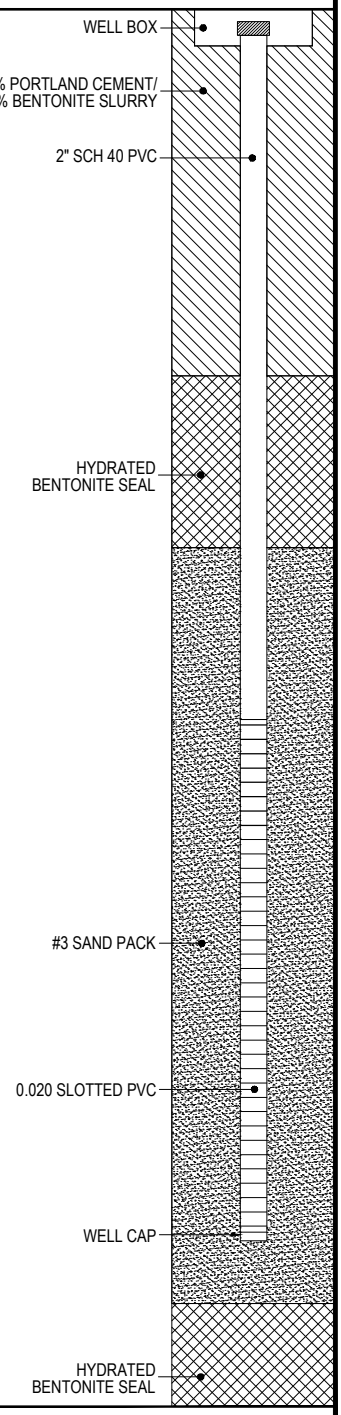
BORING MW2

efi global

SITE ADDRESS: 319 - 327 NORTH HARBOR BOULEVARD, SAN PEDRO, CALIFORNIA			PROJECT NO.: 045.06520
DATE(S) DRILLED: 06/09/2021	START: 07:50	END: 11:45	BORING DIAMETER: 8"
DRILLING METHOD: HSA/TRUCK	DRILLING RIG: TRUCK		TERMINAL DEPTH: 40' BGS
DRILLING CONTRACTOR: CHOICE/JAMES	SAMPLING METHOD: CA MODIFIED SPLIT SPOON SAMPLER		1ST ENCOUNTERED GROUNDWATER: 27'
LOGGED BY: GABE VILLANUEVA	SURFACE: SOIL		STATIC GROUNDWATER: 24'

DEPTH (FEET)	R	SI	SAMPLE TIME	BLOW COUNT	SAMPLE ID	PID READING	USCS CLASS	LITHOLOGIC SYMBOL	DESCRIPTION
1									
5				4 7 8		25.1	SP		**POORLY GRADED SAND; MEDIUM GRAIN; LIGHT BROWN; MOIST; LOOSE; NO STAINING OR ODORS**
10				4 12 15		53.7	SM		**SILTY SAND; MEDIUM GRAIN WITH TRACE FINES; REDDISH BROWN; MOIST; LOOSE; NO STAINING OR ODORS; TRACE BRICK FRAGMENTS**
15				5 11 17		12.7	SM		**SILTY SAND; MEDIUM GRAIN WITH FINES; DARK BROWN WITH MOTTLING; MOIST; MEDIUM DENSE; NO STAINING OR ODORS; MICACEOUS**
20				12 6 7		5.1	ML		**SANDY SILT; FINES WITH MEDIUM SANDS; MEDIUM BROWN; MOIST; SOFT; LOW PLASTICITY; NO STAINING OR ODORS; MICACEOUS**
25				12 18 22		1.9	ML		**SANDY SILT; FINES WITH MEDIUM SANDS; DARK GRAYISH BROWN; MOIST; SOFT; LOW PLASTICITY; NO STAINING OR ODORS; MICACEOUS**
30				12 15 21		2.6	SP		**POORLY GRADED SAND WITH TRACE FINES, MEDIUM GRAIN; DARK GREYISH BROWN; MOIST; MEDIUM DENSITY; NO STAINING OR ODORS; MICACEOUS**
35				4 8 12		3.0	SP		**POORLY GRADED SAND WITH TRACE FINES; MEDIUM GRAIN; REDDISH BROWN; WET; MEDIUM DENSITY; NO STAINING OR ODORS; MICACEOUS**
40				6 10 14		5.6	SP		**SAME AS ABOVE**

COMPLETION



BORING TERMINATED AT 40' BGS; SCREEN FROM 20' TO 35' BGS;
FOLLOWING WELL INSTALLATION, GROUNDWATER WAS MEASURED AT A DEPTH OF 24' BGS

BGS : BELOW GROUND SURFACE

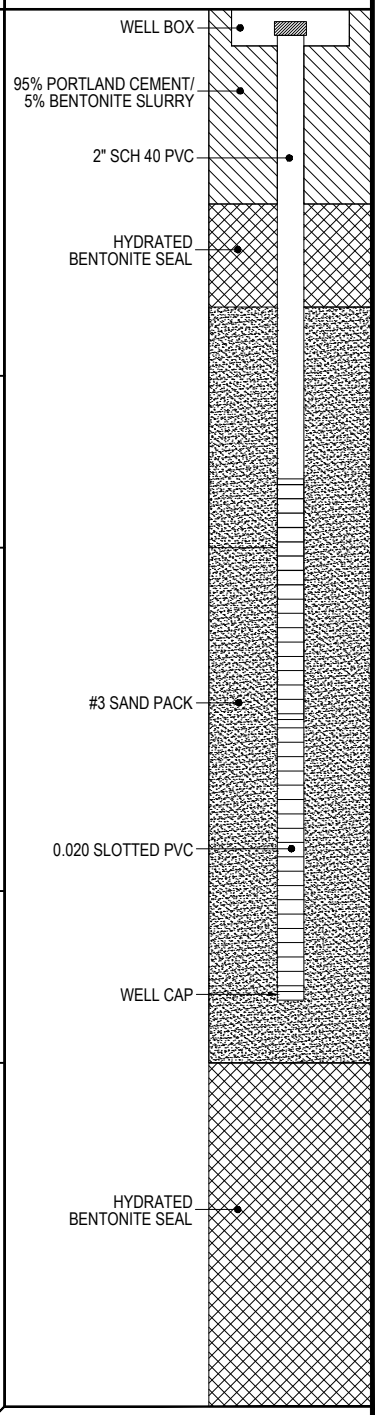
BORING MW3

efi global

SITE ADDRESS: 319 - 327 NORTH HARBOR BOULEVARD, SAN PEDRO, CALIFORNIA			PROJECT NO.: 045.06520
DATE(S) DRILLED: 06/10/2021	START: 07:30	END: 14:20	BORING DIAMETER: 8"
DRILLING METHOD: HSA/TRUCK	DRILLING RIG: TRUCK		TERMINAL DEPTH: 40' BGS
DRILLING CONTRACTOR: CHOICE/JAMES	SAMPLING METHOD: CA MODIFIED SPLIT SPOON SAMPLER		1ST ENCOUNTERED GROUNDWATER: 20'
LOGGED BY: GABE VILLANUEVA	SURFACE: SOIL		STATIC GROUNDWATER: 17.65'

DEPTH (FEET)	R	SI	SAMPLE TIME	BLOW COUNT	SAMPLE ID	PID READING	USCS CLASS	LITHOLOGIC SYMBOL	DESCRIPTION
1									
5				5 7 9		4.6	SP		**POORLY GRADED SAND; MEDIUM GRAIN; ORANGE BROWN; MOIST; VERY LOOSE; NO STAINING OR ODORS**
10				10 11 13		2.8	SM		**SILTY SAND; MEDIUM SAND WITH FINES; MEDIUM BROWN WITH MOTTLING; MOIST; MEDIUM DENSITY; NO STAINING OR ODORS**
15				5 7 8		2.1	CL		**CLAY; MEDIUM BROWN; MOIST; SOFT; MEDIUM PLASTICITY; NO STAINING OR ODORS; MICACEOUS**
20				5 4 7		1.0	CL		**CLAY; MEDIUM BROWN; WET; SOFT; MEDIUM PLASTICITY; NO STAINING OR ODORS; MICACEOUS**
25				9 11 15		46.5	SP		**POORLY GRADED SAND; MEDIUM GRAIN; GREYISH BROWN; WET; LOOSE; DISCOLORATION; HYDROCARBON ODOR**
30				15 19 24		10.5	CL		**CLAY; GRAYISH BROWN; WET; STIFF; MEDIUM PLASTICITY; DISCOLORATION; HYDROCARBON ODOR**
35				12 20 36		10.7	CL		**SAME AS ABOVE**
40						6.5	CL		**SAME AS ABOVE**

COMPLETION



BORING TERMINATED AT 40' BGS; SCREEN FROM 13 TO 28 BGS;
FOLLOWING WELL INSTALLATION, GROUNDWATER WAS MEASURED AT A DEPTH OF 17.65' BGS.

BGS : BELOW GROUND SURFACE

APPENDIX C

WELL SURVEY REPORT

J. B. Koenig & Associates, Inc.

3150 E. La Palma Ave., Suite E
Anaheim, California 92806
(714) 237-0931, (714) 237-0987 Fax

June 16, 2021

EFI Global, Inc.
Los Angeles, CA

Re: 319 North Harbor Blvd.
San Pedro, CA

Locations and elevations of the indicated Monitoring Wells at the subject location have been determined by field survey on June 14, 2021.

Elevations are based on: City of Los Angeles Benchmark 24-00771 (NAVD-88, Adjustment 2014); elevation being 25.434 ft.

Horizontal coordinates are based on: Zone 5, California State Plane Coordinates (Feet, NAD83), set relative to NGS Benchmarks DY-1083, and DY-1768, epoch date 2010.00.

Monitoring Well	NAD83 Northing	NAD83 Easting	NAD83 Latitude	NAD83 Longitude	Elevation Top of Casing	Elevation Top of Rim
MW1	1730017.67	6476459.27	33.7458725	-118.2802681	25.34	25.60
MW2	1729935.21	6476467.85	33.7456460	-118.2802391	24.80	25.06
MW3	1729926.60	6476573.74	33.7456232	-118.2798908	20.22	20.60

Elevations shown for Top of Casings are at notches on the north edge of casing walls, and elevations for Top of Rims are on the north edge of well rims.

Very truly yours,

Lester G. Everard, L.S.

File: 2127B

PROFESSIONAL LAND SURVEYOR
LESTER G. EVERARD
EXP 09.30.22
PLS 6774
STATE OF CALIFORNIA

APPENDIX D

GROUNDWATER SAMPLING FIELD SHEETS

WELL GAUGING DATA

Project # 210623-BM1 Date 6-23-21 Client EFI

Site 319 N. Harbor Blvd, San Pedro

Well ID	Well Size (in.)	Time Gauged	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
MW-1	2	0710					20.14	35.27	TOC
MW-2	2	0713					20.12	35.21	TOC
MW-3	2	0720					16.15	28.20	TOC

LOW FLOW WELL MONITORING DATA SHEET

1 of 2

Project #: 210613.BM	Client: EFI @ San Pedro
Sampler: BN	Gauging Date: 6.23.21
Well I.D.: MW-1	Well Diameter (in.): (2) 3 4 6 8 ____
Total Well Depth (ft.): 35.27	Depth to Water (ft.): 20.14
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 ____

Start Purge Time: 0736 Flow Rate: 200 ml/min Pump Depth: 28

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	Color (Visual)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0739	23.2	7.21	2514	>1000	cloudy	1.10	139.4	600	20.25
0742	23.3	7.18	2513	>1000		0.69	148.2	1,200	20.28
0745	23.4	7.15	2518	>1000		0.74	152.7	1,800	20.28
0748	23.6	7.16	2518	>1000		0.70	157.0	2,400	20.28
0751	23.8	7.16	2517	>1000		0.71	159.0	3,000	20.28
0754	23.7	7.15	2521	937		0.74	160.0	3,600	20.28
0757	23.5	7.15	2518	904		0.79	162.3	4,200	20.28
0800	23.9	7.16	2616	768		0.81	164.1	4,800	20.28
0803	23.7	7.16	2618	554		0.90	164.9	5,400	20.28
0806	23.7	7.17	2614	242		0.94	166.3	6,000	20.28
0809	23.8	7.14	2619	196	clear	0.90	166.9	6,600	20.28
0812	23.7	7.15	2617	113		0.89	166.2	7,200	20.28

Did well dewater? Yes (No)	Amount actually evacuated: 11,400
Sampling Time:	Sampling Date: 6.23.21
Sample I.D.: MW-1-062321	Laboratory: See C.O.C.
Analyzed for: TPH-G BTEX MTBE TPH-D ~~BE~~ TPH-D	Other: See C.O.C.
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

2 of 2

Project #: 210621.BM	Client: EFI @ San Pedro
Sampler: BM	Gauging Date: 6.23.21
Well I.D.: MW-1	Well Diameter (in.): (2) 3 4 6 8 ____
Total Well Depth (ft.): 35.27	Depth to Water (ft.): 20.14
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 ____

Start Purge Time: 0736 Flow Rate: 200 ml/min Pump Depth: 28

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	Color (Visual)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
~~0739~~ 0815	23.3	7.16	2616	83	Clear	0.87	166.6	7.800	20.28
~~0818~~ 0818	23.4	7.14	2614	50		0.86	166.8	8.400	20.28
0821	23.5	7.14	2618	34		0.88	167.5	9.000	20.28
0824	23.6	7.15	2615	36		0.85	167.6	9.600	20.28
0827	23.7	7.15	2618	33		0.86	167.9	10.200	20.28
0830	23.7	7.15	2616	32		0.86	168.1	10.800	20.28
0833	23.7	7.15	2615	34		0.87	169.1	11.400	20.28

Did well dewater? Yes (No)	Amount actually evacuated: 11.400
Sampling Time: 0834	Sampling Date: 6.23.21
Sample I.D.: MW-1	Laboratory: See C.O.C.
Analyzed for: TPH-G BTEX MTBE TPH-D ~~BE~~ TPH-D	Other: See C.O.C.
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

1 of 2

Project #: 210623.BM	Client: EFI @ San Pedro
Sampler: BM	Gauging Date: 6.23.21
Well I.D.: MW-2	Well Diameter (in.): (2) 3 4 6 8 ____
Total Well Depth (ft.): 35.21	Depth to Water (ft.): 20.12
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 ____

Start Purge Time: 0921 Flow Rate: 200 ml/min Pump Depth: 28

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	Color (Visual)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
0924	24.1	7.62	3782	>1000	Cloudy	0.92	131.4	600	20.18
0927	24.1	7.62	3785	>1000		0.69	131.6	1,200	20.21
0930	24.2	7.61	3777	>1000		0.67	131.1	1,800	20.21
0933	24.2	7.60	3749	>1000		0.67	130.6	2,400	20.21
0936	24.3	7.60	3671	>1000		0.59	130.3	3,000	20.21
0939	24.3	7.63	3671	>1000		0.58	130.3	3,600	20.21
0942	24.3	7.60	3663	>1000		0.58	130.3	4,200	20.21
0945	24.6	7.60	3645	>1000		0.58	130.2	4,800	20.21
0948	24.4	7.60	3631	>1000		0.59	131.1	5,400	20.21
0951	24.3	7.60	3634	>1000		0.59	134.1	6,000	20.21
0954	24.8	7.60	3641	964		0.66	129.8	6,600	20.21
0957	24.9	7.62	3678	909		0.69	129.7	7,200	20.21

Did well dewater? Yes (No) Amount actually evacuated: 14,000mL

Sampling Time: ~~MW-2 062321~~ 1031 Sampling Date: 6.23.21

Sample I.D.: MW-2-062321 Laboratory: See C.O.C.

Analyzed for: TPH-G BTEX MTBE TPH-D 3E TPH-D Other: See C.O.C.

Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

20.12

Project #: 210623.BM	Client: EFI @ San Pedro
Sampler: BM	Gauging Date: 6.23.21
Well I.D.: MW2	Well Diameter (in.): (2) 3 4 6 8 ____
Total Well Depth (ft.): 35.21	Depth to Water (ft.): 20.12
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_____

Start Purge Time: 0921 Flow Rate: 200 ml/min Pump Depth: 28

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	Color (Visual)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1000	24.9	7.61	3677	917	Cloudy	0.71	129.3	7,800	20.21
1003	25.0	7.61	3726	846	↓	0.74	132.5	8,400	20.21
1006	25.1	7.61	3726	732	↓	0.77	133.1	9,000	20.21
1009	25.1	7.60	3722	361	↓	0.78	133.4	9,600	20.21
1012	25.1	7.60	3720	243	↓	0.79	133.4	10,200	20.21
1015	25.0	7.59	3716	128	Clear	0.77	137.2	10,800	20.21
1018	25.1	7.55	3716	60	↓	0.75	137.9	11,600	20.21
1021	25.2	7.56	3716	55	↓	0.74	138.3	12,200	20.21
1024	25.2	7.56	3711	51	↓	0.68	139.1	12,800	20.21
1027	25.1	7.55	3708	48	↓	0.70	141.1	13,400	20.21
1030	25.2	7.58	3707	48	↓	0.69	141.8	14,000	20.21

Did well dewater? Yes (No) Amount actually evacuated: 14,000 ml

Sampling Time: 1031 Sampling Date: 6.23.21

Sample I.D.: MW2-062321 Laboratory: See C.O.C.

Analyzed for: TPH-G BTEX MTBE TPH-D 3E TPH-D Other: See C.O.C.

Equipment Blank I.D.: @ Time Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

1 of 2

Project #: 210623.BM	Client: EFI @ San Pedro
Sampler: BM	Gauging Date: 6.23.21
Well I.D.: MW3	Well Diameter (in.): (2) 3 4 6 8 ____
Total Well Depth (ft.): 28.20	Depth to Water (ft.): 16.15
Depth to Free Product:	Thickness of Free Product (feet):
Referenced to: (PVC) Grade	Flow Cell Type: YSI Aquaplus

Purge Method: 2" Grundfos Pump Peristaltic Pump (Bladder Pump)
Sampling Method: Dedicated Tubing (New Tubing) Other ____

Start Purge Time: 1110 Flow Rate: 200 ml/min Pump Depth: 21

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	Color (Visual)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1113	24.9	7.67	10179	>1000	Cloudy	0.45	71.2	600	16.21
1116	24.8	7.70	10527	>1000		0.26	-103.2	1,200	16.23
1119	25.0	7.70	10534	>1000		0.23	-121.9	1,800	16.23
1122	24.6	7.71	10566	>1000		0.24	-134.5	2,400	16.23
1125	24.9	7.73	10627	731		0.29	-138.6	3,000	16.23
1128	24.8	7.72	10718	694		0.31	-140.0	3,600	16.23
1131 ~~1124~~	24.8	7.70	10730	623		0.32	-140.3	4,200	16.23
1135	24.8	7.71	10792	594		0.44	-139.5	4,800	16.23
1138	24.9	7.72	10834	437		0.37	-139.7	5,400	16.23
1141 ~~1138~~	24.9	7.71	10852	231		0.39	-139.6	6,000	16.23
1144	24.8	7.71	10857	206		0.40	-140.7	6,600	16.23
1147	25.0	7.72	10855	173		0.41	-140.3	7,200	16.23

Did well dewater? Yes (No)	Amount actually evacuated:
Sampling Time: 1206	Sampling Date: 6.23.21
Sample I.D.: MW3.062321	Laboratory: See C.O.C.
Analyzed for: TPH-G BTEX MTBE TPH-D 3E TPH-D	Other: See C.O.C.
Equipment Blank I.D.: @ Time	Duplicate I.D.:

LOW FLOW WELL MONITORING DATA SHEET

2 of 2

Project #: 210623BM	Client: EFI @ San Pedro
Sampler: BM	Gauging Date: 6.23.21
Well I.D.: MW-3	Well Diameter (in.): (2) 3 4 6 8 ____
Total Well Depth (ft.): 28.20	Depth to Water (ft.): 16.15
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 ____

Start Purge Time: 1110 Flow Rate: 200 ml/min Pump Depth: 21

Time	Temp. (°C or °F)	pH	Cond. (mS/cm or µS/cm)	Turbidity (NTUs)	Color (Visual)	D.O. (mg/L)	ORP (mV)	Water Removed (gals. or mL)	Depth to Water (ft.)
1150	24.9	7.71	10902	164	Clear	0.40	-143.7	7,800	16.23
1153	25.0	7.71	10908	101	↓	0.43	-149.8	8,400	16.23
1156	25.1	7.72	10906	57	↓	0.41	-149.1	9,000	16.23
1159	24.9	7.73	10908	36	↓	0.40	-146.7	9,600	16.23
1202	25.0	7.73	10902	39	↓	0.41	-145.3	10,200	16.23
1205	25.1	7.72	10906	38	↓	0.41	-145.1	10,800	16.23

Did well dewater? Yes (No)	Amount actually evacuated: 10,800 mL
Sampling Time: 1206	Sampling Date: 6.23.21
Sample I.D.: MW-3-062321	Laboratory: See C.O.C.
Analyzed for: TPH-G BTEX MTBE TPH-D BE TPH-D	Other: See C.O.C.
Equipment Blank I.D.: @ Time	Duplicate I.D.:

BLAINE
TECH SERVICES, INC.

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

CHAIN OF CUSTODY

CLIENT: EFI Global

SITE: 319 North Harbor Blvd
San Pedro, CA

CONDUCT ANALYSIS TO DETECT

LAB: Positive

DHS #

MUST MEET SPECIFICATIONS

SPECIAL INSTRUCTIONS

Invoice and Report to: Daniel Jablonski | Senior Project Manager
EFI Global, Inc.
Los Angeles, CA
OFFICE 310.854.6300 | FAX 310.854.0199
CELL 310.339.4269 | EMAIL daniel.jablonski@efiglobal.com

SAMPLE I.D.	DATE	TIME	MATRIX (S = Soil W = H2O)	CONTAINERS TOTAL		VOCs (8260B)	TPHcc (8015M)	Dissolved hex cr (Method 7199) Field Filtered	Total hex cr (Method 7199)	Dissolved Title 22 metals (Method 6020 & Method 245.1 for mercury) FIELD FILTERED	Total Title 22 metals (Method 6020 & Method 245.1 for mercury)				ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
MW-1	6.23.21	0834	W	7		x	x	x	x	x	x							
MW-2	↓	1031	W	7		x	x	x	x	x	x							
MW-3	↓	1206	W	7		x	x	x	x	x	x							

SAMPLING COMPLETED	DATE	TIME	SAMPLING PERFORMED BY	RESULTS NEEDED NO LATER THAN
	6.23.21		Ben Stevens	Standard

RELEASED BY	DATE	TIME	RECEIVED BY	DATE	TIME
[signature]	2/23/21	1318	Nicole	2/23/21	1318
Nicole	2/23/21	1318	[signature]	3/23/21	1318

SHIPPED VIA	DATE SENT	TIME SENT	COOLER #

WELLHEAD INSPECTION CHECKLIST

Client EFI Date 6-23-21

Site Address 319 N. Harbor, San Pedro

Job Number 2106 23 BN Technician BN

Well ID	Well Inspected - No Corrective Action Required	WELL IS SECURABLE BY DESIGN (12"or less)	WELL IS CLEARLY MARKED WITH THE WORDS "MONITORING WELL" (12"or less)	Water Bailed From Wellbox	Wellbox Components Cleaned	Cap Replaced	Lock Replaced	Other Action Taken (explain below)	Well Not Inspected (explain below)	Repair Order Submitted
MW1	X	X	X							
MW2	X	X	X							
MW3	X	X	X							

NOTES:

TEST EQUIPMENT CALIBRATION LOG

PROJECT NAME EFIP San Pedro				PROJECT NUMBER 210623.3N1			
EQUIPMENT NAME	EQUIPMENT NUMBER	DATE/TIME OF TEST	STANDARDS USED	EQUIPMENT READING	CALIBRATED TO: OR WITHIN 10%:	TEMP.	INITIALS
YSE Pro plus	21A 87187	6.23.21 0640	pH 7.00 4.00 10.00	7.03 4.02 9.97	✓	24.9	R
			3900 uS 240.0 mV 100.0 C	3962 uS 251.9 mV 113.2 F	✓	23.6 C	R

APPENDIX E

LABORATORY ANALYTICAL REPORTS AND CHAIN-OF-CUSTODY DOCUMENTATION

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

June 16, 2021

Daniel Jablonski
EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Report No.: 2106140
Project Name: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Dear Daniel Jablonski,

This report contains the analytical results for the sample(s) received under chain of custody(s) by Positive Lab Service on June 09, 2021.

The test results in this report are performed in compliance with ELAP accreditation requirements for the certified parameters. The laboratory report may not be produced, except in full, without the written approval of the laboratory.

The issuance of the final Certificate of Analysis takes precedence over any previous Preliminary Report. Preliminary data should not be used for regulatory purposes. Authorized signature(s) is provided on final report only.

If you have any questions in reference to this report, please contact your Positive Lab Service coordinator.

D Sanchez
Project Manager

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

File #:74354
Report Date: 06/16/21
Submitted: 06/09/21
PLS Report No.: 2106140

Project: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Sample ID: B5-SS-0.5 Soil (2106140-01) Sampled: 06/08/21 07:20 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	06/09/21	06/09/21	lk	BF10922
Surrogate: a,a,a-Trifluorotoluene	*109 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*06/09/21*	*06/09/21*	*lk*	*BF10922*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C13 - C22	**2.98**		1	mg/kg	2.50	EPA 3550C	EPA 8015M	06/11/21	06/12/21	rp	BF11124
TPH C23 - C32	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/11/21	06/12/21	rp	BF11124
TPH C33 - C36	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/11/21	06/12/21	rp	BF11124
Surrogate: n-Tetracosane	*107 %*			*51-138*		*EPA 3550C*	*EPA 8015M*	*06/11/21*	*06/12/21*	*rp*	*BF11124*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Arsenic	**3.87**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Barium	**1880**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Cadmium	**1.76**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Chromium	**37.7**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Cobalt	**10.2**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Copper	**19.8**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Lead	**6.40**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Molybdenum	**6.83**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Nickel	**30.8**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Selenium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Thallium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Vanadium	**55.6**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Zinc	**56.3**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	06/11/21	06/11/21	vc	BF11417

Sample ID: B5-SS-2.5 Soil (2106140-02) Sampled: 06/08/21 07:35 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	06/09/21	06/09/21	lk	BF10922
Surrogate: a,a,a-Trifluorotoluene	*101 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*06/09/21*	*06/09/21*	*lk*	*BF10922*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C13 - C22	ND		1	mg/kg	2.50	EPA 3550C	EPA 8015M	06/11/21	06/12/21	rp	BF11124
TPH C23 - C32	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/11/21	06/12/21	rp	BF11124
TPH C33 - C36	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/11/21	06/12/21	rp	BF11124
Surrogate: n-Tetracosane	*108 %*			*51-138*		*EPA 3550C*	*EPA 8015M*	*06/11/21*	*06/12/21*	*rp*	*BF11124*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Arsenic	**3.71**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Barium	**1870**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Cadmium	**1.71**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Chromium	**38.4**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Cobalt	**16.1**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Copper	**17.8**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414

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Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

File #:74354
Report Date: 06/16/21
Submitted: 06/09/21
PLS Report No.: 2106140

Project: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Sample ID: B5-SS-2.5 Soil (2106140-02) Sampled: 06/08/21 07:35 Received: 06/09/21 10:15

Lead	**3.34**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Molybdenum	**6.84**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Nickel	**35.4**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Selenium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Thallium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Vanadium	**54.4**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Zinc	**44.5**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	06/11/21	06/11/21	vc	BF11417

Sample ID: B5-SS-4.5 Soil (2106140-03) Sampled: 06/08/21 08:02 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	06/09/21	06/09/21	lk	BF10922
Surrogate: a,a,a-Trifluorotoluene	*101 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*06/09/21*	*06/09/21*	*lk*	*BF10922*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C13 - C22	ND		1	mg/kg	2.50	EPA 3550C	EPA 8015M	06/11/21	06/11/21	rp	BF11124
TPH C23 - C32	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/11/21	06/11/21	rp	BF11124
TPH C33 - C36	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/11/21	06/11/21	rp	BF11124
Surrogate: n-Tetracosane	*112 %*			*51-138*		*EPA 3550C*	*EPA 8015M*	*06/11/21*	*06/11/21*	*rp*	*BF11124*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Arsenic	**4.19**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Barium	**2670**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Cadmium	**1.65**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Chromium	**37.9**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Cobalt	**11.8**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Copper	**17.7**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Lead	**2.52**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Molybdenum	**12.6**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Nickel	**32.2**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Selenium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Thallium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Vanadium	**52.5**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Zinc	**45.5**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	06/11/21	06/11/21	vc	BF11417

Sample ID: B7-SS-0.5 Soil (2106140-04) Sampled: 06/08/21 08:18 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	06/09/21	06/09/21	lk	BF10922
Surrogate: a,a,a-Trifluorotoluene	*96.5 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*06/09/21*	*06/09/21*	*lk*	*BF10922*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C13 - C22	**261**		1	mg/kg	2.50	EPA 3550C	EPA 8015M	06/11/21	06/15/21	lk	BF11124
TPH C23 - C32	**942**		1	mg/kg	100	EPA 3550C	EPA 8015M	06/11/21	06/15/21	lk	BF11124

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File #:74354
Report Date: 06/16/21
Submitted: 06/09/21
PLS Report No.: 2106140

Project: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Sample ID: B7-SS-0.5 Soil (2106140-04) Sampled: 06/08/21 08:18 Received: 06/09/21 10:15

TPH C33 - C36	**142**		1	mg/kg	100	EPA 3550C	EPA 8015M	06/11/21	06/15/21	lk	BF11124
Surrogate: n-Tetracosane	*133 %*			*51-138*		*EPA 3550C*	*EPA 8015M*	*06/11/21*	*06/15/21*	*lk*	*BF11124*

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	**2.06**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Arsenic	**7.69**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Barium	**366**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Cadmium	**5.58**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Chromium	**53.3**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Cobalt	**9.70**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Copper	**33.5**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Lead	**10.1**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Molybdenum	**10.2**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Nickel	**52.7**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Selenium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Thallium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Vanadium	**161**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Zinc	**76.0**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	06/11/21	06/11/21	vc	BF11417

Sample ID: B7-SS-2.5 Soil (2106140-05) Sampled: 06/08/21 08:25 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	06/09/21	06/09/21	lk	BF10922
Surrogate: a,a,a-Trifluorotoluene	*99.7 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*06/09/21*	*06/09/21*	*lk*	*BF10922*
TPH C13 - C22	ND		1	mg/kg	2.50	EPA 3550C	EPA 8015M	06/11/21	06/11/21	rp	BF11124
TPH C23 - C32	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/11/21	06/11/21	rp	BF11124
TPH C33 - C36	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/11/21	06/11/21	rp	BF11124
Surrogate: n-Tetracosane	*112 %*			*51-138*		*EPA 3550C*	*EPA 8015M*	*06/11/21*	*06/11/21*	*rp*	*BF11124*

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Arsenic	**3.17**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Barium	**147**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Cadmium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Chromium	**22.9**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Cobalt	**7.51**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Copper	**16.0**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Lead	**7.32**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Molybdenum	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Nickel	**15.6**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Selenium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Thallium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Vanadium	**36.3**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414

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File #:74354
Report Date: 06/16/21
Submitted: 06/09/21
PLS Report No.: 2106140

Project: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Sample ID: B7-SS-2.5 Soil (2106140-05) Sampled: 06/08/21 08:25 Received: 06/09/21 10:15

Zinc	**45.6**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	06/11/21	06/11/21	vc	BF11417

Sample ID: B7-SS-4.5 Soil (2106140-06) Sampled: 06/08/21 08:30 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	06/10/21	06/10/21	lk	BF11014
Surrogate: a,a,a-Trifluorotoluene	*107 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*06/10/21*	*06/10/21*	*lk*	*BF11014*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C13 - C22	ND		1	mg/kg	2.50	EPA 3550C	EPA 8015M	06/11/21	06/11/21	rp	BF11124
TPH C23 - C32	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/11/21	06/11/21	rp	BF11124
TPH C33 - C36	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/11/21	06/11/21	rp	BF11124
Surrogate: n-Tetracosane	*112 %*			*51-138*		*EPA 3550C*	*EPA 8015M*	*06/11/21*	*06/11/21*	*rp*	*BF11124*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Arsenic	**2.24**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Barium	**59.1**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Cadmium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Chromium	**8.95**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Cobalt	**3.83**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Copper	**6.09**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Lead	**2.53**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Molybdenum	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Nickel	**6.26**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Selenium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Thallium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Vanadium	**16.9**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Zinc	**18.7**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	06/11/21	06/11/21	vc	BF11417

Sample ID: B8-SS-0.5 Soil (2106140-07) Sampled: 06/08/21 08:35 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	06/10/21	06/10/21	lk	BF11014
Surrogate: a,a,a-Trifluorotoluene	*90.7 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*06/10/21*	*06/10/21*	*lk*	*BF11014*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C13 - C22	**7.78**		1	mg/kg	2.50	EPA 3550C	EPA 8015M	06/11/21	06/12/21	rp	BF11124
TPH C23 - C32	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/11/21	06/12/21	rp	BF11124
TPH C33 - C36	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/11/21	06/12/21	rp	BF11124
Surrogate: n-Tetracosane	*112 %*			*51-138*		*EPA 3550C*	*EPA 8015M*	*06/11/21*	*06/12/21*	*rp*	*BF11124*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	**2.13**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Arsenic	**5.38**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Barium	**711**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414

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Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

File #:74354
Report Date: 06/16/21
Submitted: 06/09/21
PLS Report No.: 2106140

Project: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Sample ID: B8-SS-0.5 Soil (2106140-07) Sampled: 06/08/21 08:35 Received: 06/09/21 10:15

Cadmium	**6.57**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Chromium	**65.2**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Cobalt	**15.3**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Copper	**41.0**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Lead	**11.2**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Molybdenum	**12.5**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Nickel	**65.0**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Selenium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Thallium	**2.13**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Vanadium	**141**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Zinc	**99.4**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	06/11/21	06/11/21	vc	BF11417

Sample ID: B8-SS-2.5 Soil (2106140-08) Sampled: 06/08/21 08:44 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	06/10/21	06/10/21	lk	BF11014
Surrogate: a,a,a-Trifluorotoluene	*97.3 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*06/10/21*	*06/10/21*	*lk*	*BF11014*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C13 - C22	ND		1	mg/kg	2.50	EPA 3550C	EPA 8015M	06/11/21	06/11/21	rp	BF11124
TPH C23 - C32	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/11/21	06/11/21	rp	BF11124
TPH C33 - C36	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/11/21	06/11/21	rp	BF11124
Surrogate: n-Tetracosane	*113 %*			*51-138*		*EPA 3550C*	*EPA 8015M*	*06/11/21*	*06/11/21*	*rp*	*BF11124*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Arsenic	**2.54**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Barium	**92.8**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Cadmium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Chromium	**12.0**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Cobalt	**5.03**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Copper	**10.1**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Lead	**45.7**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Molybdenum	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Nickel	**8.57**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Selenium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Thallium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Vanadium	**21.7**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Zinc	**32.4**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	06/11/21	06/11/21	vc	BF11417

Sample ID: B8-SS-4.5 Soil (2106140-09) Sampled: 06/08/21 08:56 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	06/10/21	06/10/21	lk	BF11014
Surrogate: a,a,a-Trifluorotoluene	*96.4 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*06/10/21*	*06/10/21*	*lk*	*BF11014*

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File #:74354
Report Date: 06/16/21
Submitted: 06/09/21
PLS Report No.: 2106140

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Sample ID: B8-SS-4.5 Soil (2106140-09) Sampled: 06/08/21 08:56 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C13 - C22	ND		1	mg/kg	2.50	EPA 3550C	EPA 8015M	06/11/21	06/11/21	rp	BF11124
TPH C23 - C32	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/11/21	06/11/21	rp	BF11124
TPH C33 - C36	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/11/21	06/11/21	rp	BF11124
Surrogate: n-Tetracosane	*110 %*			*51-138*		*EPA 3550C*	*EPA 8015M*	*06/11/21*	*06/11/21*	*rp*	*BF11124*

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Arsenic	**10.9**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Barium	**101**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Cadmium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Chromium	**23.3**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Cobalt	**8.56**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Copper	**20.8**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Lead	**16.4**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Molybdenum	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Nickel	**15.4**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Selenium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Thallium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Vanadium	**45.2**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Zinc	**45.1**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	06/11/21	06/11/21	vc	BF11417

Sample ID: B14-SS-0.5 Soil (2106140-10) Sampled: 06/08/21 09:23 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	06/10/21	06/10/21	lk	BF11014
Surrogate: a,a,a-Trifluorotoluene	*83.0 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*06/10/21*	*06/10/21*	*lk*	*BF11014*

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C13 - C22	ND		1	mg/kg	2.50	EPA 3550C	EPA 8015M	06/11/21	06/12/21	rp	BF11124
TPH C23 - C32	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/11/21	06/12/21	rp	BF11124
TPH C33 - C36	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/11/21	06/12/21	rp	BF11124
Surrogate: n-Tetracosane	*119 %*			*51-138*		*EPA 3550C*	*EPA 8015M*	*06/11/21*	*06/12/21*	*rp*	*BF11124*

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Arsenic	**4.89**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Barium	**156**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Cadmium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Chromium	**21.2**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Cobalt	**8.16**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Copper	**23.1**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Lead	**77.7**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Molybdenum	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Nickel	**18.9**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Selenium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414

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File #:74354
Report Date: 06/16/21
Submitted: 06/09/21
PLS Report No.: 2106140

Project: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Sample ID: B14-SS-0.5 Soil (2106140-10) Sampled: 06/08/21 09:23 Received: 06/09/21 10:15

Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Thallium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Vanadium	**39.3**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Zinc	**84.9**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	06/11/21	06/11/21	vc	BF11417

Sample ID: B14-SS-2.5 Soil (2106140-11) Sampled: 06/08/21 09:30 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	06/10/21	06/10/21	lk	BF11014
Surrogate: a,a,a-Trifluorotoluene	*84.5 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*06/10/21*	*06/10/21*	*lk*	*BF11014*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C13 - C22	**5.57**		1	mg/kg	2.50	EPA 3550C	EPA 8015M	06/11/21	06/12/21	rp	BF11124
TPH C23 - C32	**137**		1	mg/kg	100	EPA 3550C	EPA 8015M	06/11/21	06/12/21	rp	BF11124
TPH C33 - C36	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/11/21	06/12/21	rp	BF11124
Surrogate: n-Tetracosane	*109 %*			*51-138*		*EPA 3550C*	*EPA 8015M*	*06/11/21*	*06/12/21*	*rp*	*BF11124*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	**2.56**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Arsenic	**4.82**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Barium	**250**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Cadmium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Chromium	**23.5**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Cobalt	**8.17**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Copper	**36.4**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Lead	**215**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Molybdenum	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Nickel	**22.1**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Selenium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Thallium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Vanadium	**41.5**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Zinc	**341**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	**0.114**		1	mg/kg	0.100	EPA 7471A	EPA 7471A	06/11/21	06/11/21	vc	BF11417

Sample ID: B14-SS-4.5 Soil (2106140-12) Sampled: 06/08/21 09:35 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	06/10/21	06/10/21	lk	BF11014
Surrogate: a,a,a-Trifluorotoluene	*96.3 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*06/10/21*	*06/10/21*	*lk*	*BF11014*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C13 - C22	ND		1	mg/kg	2.50	EPA 3550C	EPA 8015M	06/11/21	06/11/21	rp	BF11124
TPH C23 - C32	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/11/21	06/11/21	rp	BF11124
TPH C33 - C36	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/11/21	06/11/21	rp	BF11124
Surrogate: n-Tetracosane	*116 %*			*51-138*		*EPA 3550C*	*EPA 8015M*	*06/11/21*	*06/11/21*	*rp*	*BF11124*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414

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Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

File #:74354
Report Date: 06/16/21
Submitted: 06/09/21
PLS Report No.: 2106140

Project: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Sample ID: B14-SS-4.5 Soil (2106140-12) Sampled: 06/08/21 09:35 Received: 06/09/21 10:15

Arsenic	**3.01**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Barium	**69.5**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Cadmium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Chromium	**10.5**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Cobalt	**4.44**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Copper	**7.19**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Lead	**3.51**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Molybdenum	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Nickel	**7.43**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Selenium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Thallium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Vanadium	**19.7**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Zinc	**22.9**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	06/11/21	06/11/21	vc	BF11417

Sample ID: B14-SS-4.5 D Soil (2106140-13) Sampled: 06/08/21 09:35 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	06/10/21	06/10/21	lk	BF11014
Surrogate: a,a,a-Trifluorotoluene	*95.1 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*06/10/21*	*06/10/21*	*lk*	*BF11014*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C13 - C22	ND		1	mg/kg	2.50	EPA 3550C	EPA 8015M	06/11/21	06/11/21	rp	BF11124
TPH C23 - C32	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/11/21	06/11/21	rp	BF11124
TPH C33 - C36	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/11/21	06/11/21	rp	BF11124
Surrogate: n-Tetracosane	*114 %*			*51-138*		*EPA 3550C*	*EPA 8015M*	*06/11/21*	*06/11/21*	*rp*	*BF11124*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Arsenic	**3.16**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Barium	**66.9**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Cadmium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Chromium	**12.1**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Cobalt	**4.90**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Copper	**8.24**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Lead	**3.50**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Molybdenum	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Nickel	**8.23**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Selenium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Thallium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Vanadium	**21.5**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Zinc	**24.5**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	06/11/21	06/11/21	vc	BF11417

Sample ID: B13-SS-0.5 Soil (2106140-14) Sampled: 06/08/21 09:10 Received: 06/09/21 10:15

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File #:74354
Report Date: 06/16/21
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Project: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Sample ID: B13-SS-0.5 Soil (2106140-14) Sampled: 06/08/21 09:10 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	06/10/21	06/10/21	lk	BF11014
Surrogate: a,a,a-Trifluorotoluene	*79.2 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*06/10/21*	*06/10/21*	*lk*	*BF11014*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C13 - C22	**7.15**		1	mg/kg	2.50	EPA 3550C	EPA 8015M	06/11/21	06/12/21	rp	BF11124
TPH C23 - C32	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/11/21	06/12/21	rp	BF11124
TPH C33 - C36	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/11/21	06/12/21	rp	BF11124
Surrogate: n-Tetracosane	*111 %*			*51-138*		*EPA 3550C*	*EPA 8015M*	*06/11/21*	*06/12/21*	*rp*	*BF11124*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Arsenic	**4.66**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Barium	**336**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Cadmium	**1.84**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Chromium	**35.2**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Cobalt	**8.54**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Copper	**22.6**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Lead	**17.3**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Molybdenum	**1.68**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Nickel	**31.3**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Selenium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Thallium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Vanadium	**67.1**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Zinc	**69.4**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	06/11/21	06/11/21	vc	BF11417

Sample ID: B13-SS-0.5 D Soil (2106140-15) Sampled: 06/08/21 09:10 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	06/10/21	06/10/21	lk	BF11014
Surrogate: a,a,a-Trifluorotoluene	*79.1 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*06/10/21*	*06/10/21*	*lk*	*BF11014*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C13 - C22	**6.14**		1	mg/kg	2.50	EPA 3550C	EPA 8015M	06/11/21	06/12/21	rp	BF11124
TPH C23 - C32	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/11/21	06/12/21	rp	BF11124
TPH C33 - C36	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/11/21	06/12/21	rp	BF11124
Surrogate: n-Tetracosane	*109 %*			*51-138*		*EPA 3550C*	*EPA 8015M*	*06/11/21*	*06/12/21*	*rp*	*BF11124*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Arsenic	**4.88**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Barium	**337**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Cadmium	**1.99**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Chromium	**38.0**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Cobalt	**8.75**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Copper	**23.0**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414

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Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Sample ID: B13-SS-0.5 D Soil (2106140-15) Sampled: 06/08/21 09:10 Received: 06/09/21 10:15

Lead	**18.2**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Molybdenum	**1.85**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Nickel	**31.8**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Selenium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Thallium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Vanadium	**73.7**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Zinc	**70.9**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	06/11/21	06/11/21	vc	BF11417

Sample ID: B13-SS-2.5 Soil (2106140-16) Sampled: 06/08/21 09:12 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	06/10/21	06/10/21	lk	BF11014
Surrogate: a,a,a-Trifluorotoluene	*100 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*06/10/21*	*06/10/21*	*lk*	*BF11014*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C13 - C22	ND		1	mg/kg	2.50	EPA 3550C	EPA 8015M	06/11/21	06/12/21	rp	BF11124
TPH C23 - C32	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/11/21	06/12/21	rp	BF11124
TPH C33 - C36	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/11/21	06/12/21	rp	BF11124
Surrogate: n-Tetracosane	*113 %*			*51-138*		*EPA 3550C*	*EPA 8015M*	*06/11/21*	*06/12/21*	*rp*	*BF11124*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Arsenic	**3.15**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Barium	**113**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Cadmium	**2.31**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Chromium	**12.4**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Cobalt	**4.86**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Copper	**22.1**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Lead	**48.0**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Molybdenum	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Nickel	**10.4**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Selenium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Thallium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Vanadium	**22.0**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Zinc	**138**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	06/11/21	06/11/21	vc	BF11417

Sample ID: B13-SS-4.5 Soil (2106140-17) Sampled: 06/08/21 09:15 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	06/10/21	06/10/21	lk	BF11014
Surrogate: a,a,a-Trifluorotoluene	*90.9 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*06/10/21*	*06/10/21*	*lk*	*BF11014*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C13 - C22	ND		1	mg/kg	2.50	EPA 3550C	EPA 8015M	06/11/21	06/12/21	rp	BF11124
TPH C23 - C32	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/11/21	06/12/21	rp	BF11124

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Project: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Sample ID: B13-SS-4.5 Soil (2106140-17) Sampled: 06/08/21 09:15 Received: 06/09/21 10:15

TPH C33 - C36	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/11/21	06/12/21	rp	BF11124
Surrogate: n-Tetracosane	*115 %*			*51-138*		*EPA 3550C*	*EPA 8015M*	*06/11/21*	*06/12/21*	*rp*	*BF11124*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	**2.15**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Arsenic	**3.24**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Barium	**101**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Cadmium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Chromium	**15.4**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Cobalt	**5.73**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Copper	**16.5**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Lead	**119**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Molybdenum	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Nickel	**13.7**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Selenium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Thallium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Vanadium	**30.9**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Zinc	**58.0**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	06/11/21	06/11/21	vc	BF11417

Sample ID: B6-SS-0.5 Soil (2106140-18) Sampled: 06/08/21 08:41 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	06/10/21	06/10/21	lk	BF11014
Surrogate: a,a,a-Trifluorotoluene	*86.7 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*06/10/21*	*06/10/21*	*lk*	*BF11014*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C13 - C22	ND		1	mg/kg	2.50	EPA 3550C	EPA 8015M	06/11/21	06/12/21	rp	BF11124
TPH C23 - C32	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/11/21	06/12/21	rp	BF11124
TPH C33 - C36	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/11/21	06/12/21	rp	BF11124
Surrogate: n-Tetracosane	*115 %*			*51-138*		*EPA 3550C*	*EPA 8015M*	*06/11/21*	*06/12/21*	*rp*	*BF11124*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	**2.81**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Arsenic	**3.03**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Barium	**128**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Cadmium	**2.11**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Chromium	**14.4**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Cobalt	**5.41**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Copper	**24.1**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Lead	**117**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Molybdenum	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Nickel	**11.7**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Selenium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Thallium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Vanadium	**24.4**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414

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Certificate of Analysis

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

File #:74354
Report Date: 06/16/21
Submitted: 06/09/21
PLS Report No.: 2106140

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Sample ID: B6-SS-0.5 Soil (2106140-18) Sampled: 06/08/21 08:41 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Zinc	**158**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	06/11/21	06/11/21	vc	BF11417

Sample ID: B6-SS-2.5 Soil (2106140-19) Sampled: 06/08/21 08:53 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	06/10/21	06/10/21	lk	BF11014
Surrogate: a,a,a-Trifluorotoluene	*95.0 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*06/10/21*	*06/10/21*	*lk*	*BF11014*
TPH C13 - C22	ND		1	mg/kg	2.50	EPA 3550C	EPA 8015M	06/11/21	06/11/21	rp	BF11124
TPH C23 - C32	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/11/21	06/11/21	rp	BF11124
TPH C33 - C36	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/11/21	06/11/21	rp	BF11124
Surrogate: n-Tetracosane	*106 %*			*51-138*		*EPA 3550C*	*EPA 8015M*	*06/11/21*	*06/11/21*	*rp*	*BF11124*
Antimony	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Arsenic	**3.28**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Barium	**126**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Cadmium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Chromium	**16.6**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Cobalt	**7.45**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Copper	**13.8**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Lead	**6.41**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Molybdenum	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Nickel	**12.5**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Selenium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Thallium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Vanadium	**30.1**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Zinc	**38.9**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	06/11/21	06/11/21	vc	BF11417

Sample ID: B6-SS-4.5 Soil (2106140-20) Sampled: 06/08/21 08:57 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	06/10/21	06/10/21	lk	BF11014
Surrogate: a,a,a-Trifluorotoluene	*91.3 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*06/10/21*	*06/10/21*	*lk*	*BF11014*
TPH C13 - C22	ND		1	mg/kg	2.50	EPA 3550C	EPA 8015M	06/14/21	06/14/21	lk	BF11424
TPH C23 - C32	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/14/21	06/14/21	lk	BF11424
TPH C33 - C36	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/14/21	06/14/21	lk	BF11424
Surrogate: n-Tetracosane	*90.6 %*			*51-138*		*EPA 3550C*	*EPA 8015M*	*06/14/21*	*06/14/21*	*lk*	*BF11424*
Antimony	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Arsenic	**2.79**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Barium	**92.0**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414

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Report Date: 06/16/21
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Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Sample ID: B6-SS-4.5 Soil (2106140-20) Sampled: 06/08/21 08:57 Received: 06/09/21 10:15

Cadmium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Chromium	**16.1**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Cobalt	**6.88**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Copper	**9.60**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Lead	**4.04**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Molybdenum	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Nickel	**11.0**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Selenium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Thallium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Vanadium	**27.1**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Zinc	**28.5**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	06/11/21	06/11/21	vc	BF11417

Sample ID: EB-1 Water (2106140-21) Sampled: 06/08/21 10:18 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	ug/l	100	EPA 5030B	EPA 8015M	06/11/21	06/11/21	lk	BF11025
Surrogate: a,a,a-Trifluorotoluene	*109 %*			*63-144*		*EPA 5030B*	*EPA 8015M*	*06/11/21*	*06/11/21*	*lk*	*BF11025*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C13 - C22	ND		1	mg/L	0.500	EPA 3535A	EPA 8015M	06/14/21	06/15/21	lk	BF11534
TPH C23 - C32	ND		1	mg/L	2.50	EPA 3535A	EPA 8015M	06/14/21	06/15/21	lk	BF11534
TPH C33 - C36	ND		1	mg/L	10.0	EPA 3535A	EPA 8015M	06/14/21	06/15/21	lk	BF11534
Surrogate: n-Tetracosane	*98.0 %*			*46-116*		*EPA 3535A*	*EPA 8015M*	*06/14/21*	*06/15/21*	*lk*	*BF11534*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/L	0.020	EPA 3010A	EPA 6010B	06/16/21	06/16/21	CG	BF11620
Arsenic	ND		1	mg/L	0.020	EPA 3010A	EPA 6010B	06/16/21	06/16/21	CG	BF11620
Barium	ND		1	mg/L	0.010	EPA 3010A	EPA 6010B	06/16/21	06/16/21	CG	BF11620
Beryllium	ND		1	mg/L	0.005	EPA 3010A	EPA 6010B	06/16/21	06/16/21	CG	BF11620
Cadmium	ND		1	mg/L	0.005	EPA 3010A	EPA 6010B	06/16/21	06/16/21	CG	BF11620
Chromium	ND		1	mg/L	0.010	EPA 3010A	EPA 6010B	06/16/21	06/16/21	CG	BF11620
Cobalt	ND		1	mg/L	0.010	EPA 3010A	EPA 6010B	06/16/21	06/16/21	CG	BF11620
Copper	ND		1	mg/L	0.010	EPA 3010A	EPA 6010B	06/16/21	06/16/21	CG	BF11620
Lead	ND		1	mg/L	0.010	EPA 3010A	EPA 6010B	06/16/21	06/16/21	CG	BF11620
Molybdenum	ND		1	mg/L	0.010	EPA 3010A	EPA 6010B	06/16/21	06/16/21	CG	BF11620
Nickel	ND		1	mg/L	0.010	EPA 3010A	EPA 6010B	06/16/21	06/16/21	CG	BF11620
Selenium	ND		1	mg/L	0.020	EPA 3010A	EPA 6010B	06/16/21	06/16/21	CG	BF11620
Silver	ND		1	mg/L	0.010	EPA 3010A	EPA 6010B	06/16/21	06/16/21	CG	BF11620
Thallium	ND		1	mg/L	0.010	EPA 3010A	EPA 6010B	06/16/21	06/16/21	CG	BF11620
Vanadium	ND		1	mg/L	0.010	EPA 3010A	EPA 6010B	06/16/21	06/16/21	CG	BF11620
Zinc	ND		1	mg/L	0.020	EPA 3010A	EPA 6010B	06/16/21	06/16/21	CG	BF11620
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	ND		2	ug/l	2.00	EPA 245.1	EPA 245.1	06/16/21	06/16/21	vc	BF11625

Sample ID: B15-SS-0.5 Soil (2106140-22) Sampled: 06/08/21 09:42 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	06/10/21	06/10/21	lk	BF11014
Surrogate: a,a,a-Trifluorotoluene	*87.4 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*06/10/21*	*06/10/21*	*lk*	*BF11014*

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Certificate of Analysis

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Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

File #:74354
Report Date: 06/16/21
Submitted: 06/09/21
PLS Report No.: 2106140

Project: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Sample ID: B15-SS-0.5 Soil (2106140-22) Sampled: 06/08/21 09:42 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C13 - C22	**9.56**		1	mg/kg	2.50	EPA 3550C	EPA 8015M	06/14/21	06/15/21	lk	BF11424
TPH C23 - C32	**146**		1	mg/kg	100	EPA 3550C	EPA 8015M	06/14/21	06/15/21	lk	BF11424
TPH C33 - C36	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/14/21	06/15/21	lk	BF11424
Surrogate: n-Tetracosane	*135 %*			*51-138*		*EPA 3550C*	*EPA 8015M*	*06/14/21*	*06/15/21*	*lk*	*BF11424*

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	**7.13**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Arsenic	**4.68**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Barium	**239**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Cadmium	**1.18**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Chromium	**27.3**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Cobalt	**7.76**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Copper	**44.5**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Lead	**381**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Molybdenum	**1.02**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Nickel	**26.8**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Selenium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Thallium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Vanadium	**55.4**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Zinc	**173**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	06/14/21	06/14/21	vc	BF11525

Sample ID: B15-SS-2.5 Soil (2106140-23) Sampled: 06/08/21 11:00 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	06/10/21	06/10/21	lk	BF11014
Surrogate: a,a,a-Trifluorotoluene	*83.1 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*06/10/21*	*06/10/21*	*lk*	*BF11014*

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C13 - C22	**3.26**		1	mg/kg	2.50	EPA 3550C	EPA 8015M	06/14/21	06/15/21	lk	BF11424
TPH C23 - C32	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/14/21	06/15/21	lk	BF11424
TPH C33 - C36	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/14/21	06/15/21	lk	BF11424
Surrogate: n-Tetracosane	*113 %*			*51-138*		*EPA 3550C*	*EPA 8015M*	*06/14/21*	*06/15/21*	*lk*	*BF11424*

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Arsenic	**5.62**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Barium	**136**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Cadmium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Chromium	**23.3**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Cobalt	**7.74**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Copper	**18.4**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Lead	**50.4**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Molybdenum	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Nickel	**14.4**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Selenium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524

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EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

File #:74354
Report Date: 06/16/21
Submitted: 06/09/21
PLS Report No.: 2106140

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Sample ID: B15-SS-2.5 Soil (2106140-23) Sampled: 06/08/21 11:00 Received: 06/09/21 10:15

Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Thallium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Vanadium	**33.9**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Zinc	**75.8**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	06/14/21	06/14/21	vc	BF11525

Sample ID: B15-SS-4.5 Soil (2106140-24) Sampled: 06/08/21 11:07 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	06/10/21	06/10/21	lk	BF11014
Surrogate: a,a,a-Trifluorotoluene	*86.5 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*06/10/21*	*06/10/21*	*lk*	*BF11014*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C13 - C22	ND		1	mg/kg	2.50	EPA 3550C	EPA 8015M	06/14/21	06/14/21	lk	BF11424
TPH C23 - C32	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/14/21	06/14/21	lk	BF11424
TPH C33 - C36	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/14/21	06/14/21	lk	BF11424
Surrogate: n-Tetracosane	*111 %*			*51-138*		*EPA 3550C*	*EPA 8015M*	*06/14/21*	*06/14/21*	*lk*	*BF11424*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Arsenic	**3.67**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Barium	**126**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Cadmium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Chromium	**14.5**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Cobalt	**5.45**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Copper	**11.3**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Lead	**2.94**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Molybdenum	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Nickel	**9.70**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Selenium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Thallium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Vanadium	**26.6**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Zinc	**30.0**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	06/14/21	06/14/21	vc	BF11525

Sample ID: B16-SS-0.5 Soil (2106140-25) Sampled: 06/08/21 11:15 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	06/10/21	06/10/21	lk	BF11014
Surrogate: a,a,a-Trifluorotoluene	*109 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*06/10/21*	*06/10/21*	*lk*	*BF11014*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C13 - C22	ND		1	mg/kg	2.50	EPA 3550C	EPA 8015M	06/14/21	06/15/21	lk	BF11424
TPH C23 - C32	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/14/21	06/15/21	lk	BF11424
TPH C33 - C36	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/14/21	06/15/21	lk	BF11424
Surrogate: n-Tetracosane	*113 %*			*51-138*		*EPA 3550C*	*EPA 8015M*	*06/14/21*	*06/15/21*	*lk*	*BF11424*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	**2.00**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524

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Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

File #:74354
Report Date: 06/16/21
Submitted: 06/09/21
PLS Report No.: 2106140

Project: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Sample ID: B16-SS-0.5 Soil (2106140-25) Sampled: 06/08/21 11:15 Received: 06/09/21 10:15

Arsenic	**3.58**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Barium	**1460**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Cadmium	**1.49**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Chromium	**35.8**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Cobalt	**9.40**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Copper	**26.1**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Lead	**69.3**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Molybdenum	**4.03**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Nickel	**29.0**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Selenium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Thallium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Vanadium	**56.4**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Zinc	**85.2**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	06/14/21	06/14/21	vc	BF11525

Sample ID: B16-SS-2.5 Soil (2106140-26) Sampled: 06/08/21 11:25 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	06/10/21	06/10/21	lk	BF11014
Surrogate: a,a,a-Trifluorotoluene	*106 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*06/10/21*	*06/10/21*	*lk*	*BF11014*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C13 - C22	**13.7**		1	mg/kg	2.50	EPA 3550C	EPA 8015M	06/14/21	06/15/21	lk	BF11424
TPH C23 - C32	**195**		1	mg/kg	100	EPA 3550C	EPA 8015M	06/14/21	06/15/21	lk	BF11424
TPH C33 - C36	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/14/21	06/15/21	lk	BF11424
Surrogate: n-Tetracosane	*143 %*	*DO*		*51-138*		*EPA 3550C*	*EPA 8015M*	*06/14/21*	*06/15/21*	*lk*	*BF11424*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Arsenic	**4.28**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Barium	**204**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Cadmium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Chromium	**20.3**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Cobalt	**7.44**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Copper	**34.6**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Lead	**87.5**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Molybdenum	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Nickel	**16.1**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Selenium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Thallium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Vanadium	**37.5**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Zinc	**111**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	06/14/21	06/14/21	vc	BF11525

Sample ID: B16-SS-4.5 Soil (2106140-27) Sampled: 06/08/21 11:27 Received: 06/09/21 10:15

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PLS Report No.: 2106140

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Sample ID: B16-SS-4.5 Soil (2106140-27) Sampled: 06/08/21 11:27 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	06/10/21	06/10/21	lk	BF11022
Surrogate: a,a,a-Trifluorotoluene	*105 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*06/10/21*	*06/10/21*	*lk*	*BF11022*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C13 - C22	**4.55**		1	mg/kg	2.50	EPA 3550C	EPA 8015M	06/14/21	06/15/21	lk	BF11424
TPH C23 - C32	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/14/21	06/15/21	lk	BF11424
TPH C33 - C36	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/14/21	06/15/21	lk	BF11424
Surrogate: n-Tetracosane	*110 %*			*51-138*		*EPA 3550C*	*EPA 8015M*	*06/14/21*	*06/15/21*	*lk*	*BF11424*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Arsenic	**3.50**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Barium	**155**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Cadmium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Chromium	**17.6**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Cobalt	**6.26**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Copper	**20.6**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Lead	**75.8**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Molybdenum	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Nickel	**12.0**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Selenium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Thallium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Vanadium	**31.4**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Zinc	**92.1**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	**0.102**		1	mg/kg	0.100	EPA 7471A	EPA 7471A	06/14/21	06/14/21	vc	BF11525

Sample ID: B16-SS-4.5 D Soil (2106140-28) Sampled: 06/08/21 11:27 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	06/10/21	06/10/21	lk	BF11022
Surrogate: a,a,a-Trifluorotoluene	*91.9 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*06/10/21*	*06/10/21*	*lk*	*BF11022*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C13 - C22	ND		1	mg/kg	2.50	EPA 3550C	EPA 8015M	06/14/21	06/15/21	lk	BF11424
TPH C23 - C32	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/14/21	06/15/21	lk	BF11424
TPH C33 - C36	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/14/21	06/15/21	lk	BF11424
Surrogate: n-Tetracosane	*115 %*			*51-138*		*EPA 3550C*	*EPA 8015M*	*06/14/21*	*06/15/21*	*lk*	*BF11424*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Arsenic	**3.65**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Barium	**140**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Cadmium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Chromium	**18.2**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Cobalt	**6.56**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Copper	**19.6**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524

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File #:74354
Report Date: 06/16/21
Submitted: 06/09/21
PLS Report No.: 2106140

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Sample ID: B16-SS-4.5 D Soil (2106140-28) Sampled: 06/08/21 11:27 Received: 06/09/21 10:15

Lead	**67.0**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Molybdenum	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Nickel	**11.9**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Selenium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Thallium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Vanadium	**32.2**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Zinc	**87.9**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	**0.100**		1	mg/kg	0.100	EPA 7471A	EPA 7471A	06/14/21	06/14/21	vc	BF11525

Sample ID: B11-SS-0.5 Soil (2106140-29) Sampled: 06/08/21 11:45 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	06/10/21	06/10/21	lk	BF11022
Surrogate: a,a,a-Trifluorotoluene	*96.3 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*06/10/21*	*06/10/21*	*lk*	*BF11022*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C13 - C22	ND		1	mg/kg	2.50	EPA 3550C	EPA 8015M	06/14/21	06/15/21	lk	BF11424
TPH C23 - C32	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/14/21	06/15/21	lk	BF11424
TPH C33 - C36	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/14/21	06/15/21	lk	BF11424
Surrogate: n-Tetracosane	*117 %*			*51-138*		*EPA 3550C*	*EPA 8015M*	*06/14/21*	*06/15/21*	*lk*	*BF11424*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Arsenic	**2.86**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Barium	**1560**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Cadmium	**1.70**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Chromium	**39.2**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Cobalt	**12.5**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Copper	**24.0**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Lead	**11.2**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Molybdenum	**5.39**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Nickel	**35.3**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Selenium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Thallium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Vanadium	**62.8**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Zinc	**59.2**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	06/14/21	06/14/21	vc	BF11525

Sample ID: B11-SS-2.5 Soil (2106140-30) Sampled: 06/08/21 12:00 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	06/10/21	06/10/21	lk	BF11022
Surrogate: a,a,a-Trifluorotoluene	*99.0 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*06/10/21*	*06/10/21*	*lk*	*BF11022*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C13 - C22	**3.38**		1	mg/kg	2.50	EPA 3550C	EPA 8015M	06/14/21	06/15/21	lk	BF11424
TPH C23 - C32	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/14/21	06/15/21	lk	BF11424

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Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

File #:74354
Report Date: 06/16/21
Submitted: 06/09/21
PLS Report No.: 2106140

Project: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Sample ID: B11-SS-2.5 Soil (2106140-30) Sampled: 06/08/21 12:00 Received: 06/09/21 10:15

TPH C33 - C36	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/14/21	06/15/21	lk	BF11424
Surrogate: n-Tetracosane	*123 %*			*51-138*		*EPA 3550C*	*EPA 8015M*	*06/14/21*	*06/15/21*	*lk*	*BF11424*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Arsenic	**3.22**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Barium	**155**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Cadmium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Chromium	**16.2**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Cobalt	**4.74**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Copper	**13.4**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Lead	**28.7**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Molybdenum	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Nickel	**13.7**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Selenium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Thallium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Vanadium	**27.3**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Zinc	**49.8**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	06/14/21	06/14/21	vc	BF11525

Sample ID: B11-SS-4.5 Soil (2106140-31) Sampled: 06/08/21 12:17 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	06/10/21	06/10/21	lk	BF11022
Surrogate: a,a,a-Trifluorotoluene	*94.2 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*06/10/21*	*06/10/21*	*lk*	*BF11022*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C13 - C22	**3.95**		1	mg/kg	2.50	EPA 3550C	EPA 8015M	06/14/21	06/15/21	lk	BF11424
TPH C23 - C32	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/14/21	06/15/21	lk	BF11424
TPH C33 - C36	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/14/21	06/15/21	lk	BF11424
Surrogate: n-Tetracosane	*114 %*			*51-138*		*EPA 3550C*	*EPA 8015M*	*06/14/21*	*06/15/21*	*lk*	*BF11424*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Arsenic	**3.64**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Barium	**518**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Cadmium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Chromium	**19.1**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Cobalt	**5.08**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Copper	**14.2**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Lead	**22.3**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Molybdenum	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Nickel	**15.2**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Selenium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Thallium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Vanadium	**32.6**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524

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File #:74354
Report Date: 06/16/21
Submitted: 06/09/21
PLS Report No.: 2106140

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Sample ID: B11-SS-4.5 Soil (2106140-31) Sampled: 06/08/21 12:17 Received: 06/09/21 10:15

Zinc	**49.1**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	06/14/21	06/14/21	vc	BF11525

Sample ID: B10-SS-0.5 Soil (2106140-32) Sampled: 06/08/21 12:29 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	06/10/21	06/10/21	lk	BF11022
Surrogate: a,a,a-Trifluorotoluene	*96.0 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*06/10/21*	*06/10/21*	*lk*	*BF11022*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
TPH C13 - C22	**2.61**		1	mg/kg	2.50	EPA 3550C	EPA 8015M	06/14/21	06/15/21	lk	BF11424
TPH C23 - C32	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/14/21	06/15/21	lk	BF11424
TPH C33 - C36	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/14/21	06/15/21	lk	BF11424
Surrogate: n-Tetracosane	*127 %*			*51-138*		*EPA 3550C*	*EPA 8015M*	*06/14/21*	*06/15/21*	*lk*	*BF11424*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Arsenic	**3.71**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Barium	**1810**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Cadmium	**1.99**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Chromium	**32.9**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Cobalt	**9.10**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Copper	**20.7**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Lead	**8.62**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Molybdenum	**4.76**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Nickel	**28.9**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Selenium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Thallium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Vanadium	**55.9**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Zinc	**62.4**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	06/14/21	06/14/21	vc	BF11525

Sample ID: B10-SS-2.5 Soil (2106140-33) Sampled: 06/08/21 12:42 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	06/10/21	06/10/21	lk	BF11022
Surrogate: a,a,a-Trifluorotoluene	*103 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*06/10/21*	*06/10/21*	*lk*	*BF11022*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
TPH C13 - C22	ND		1	mg/kg	2.50	EPA 3550C	EPA 8015M	06/14/21	06/15/21	lk	BF11424
TPH C23 - C32	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/14/21	06/15/21	lk	BF11424
TPH C33 - C36	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/14/21	06/15/21	lk	BF11424
Surrogate: n-Tetracosane	*103 %*			*51-138*		*EPA 3550C*	*EPA 8015M*	*06/14/21*	*06/15/21*	*lk*	*BF11424*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Arsenic	**3.05**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Barium	**2280**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524

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File #:74354
Report Date: 06/16/21
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PLS Report No.: 2106140

Project: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Sample ID: B10-SS-2.5 Soil (2106140-33) Sampled: 06/08/21 12:42 Received: 06/09/21 10:15

Cadmium	**1.81**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Chromium	**32.7**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Cobalt	**10.1**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Copper	**17.3**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Lead	**2.30**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Molybdenum	**9.41**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Nickel	**31.1**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Selenium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Thallium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Vanadium	**51.6**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Zinc	**47.4**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	06/14/21	06/14/21	vc	BF11525

Sample ID: B10-SS-4.5 Soil (2106140-34) Sampled: 06/08/21 12:49 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	06/10/21	06/10/21	lk	BF11022
Surrogate: a,a,a-Trifluorotoluene	*101 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*06/10/21*	*06/10/21*	*lk*	*BF11022*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C13 - C22	**3.59**		1	mg/kg	2.50	EPA 3550C	EPA 8015M	06/14/21	06/15/21	lk	BF11424
TPH C23 - C32	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/14/21	06/15/21	lk	BF11424
TPH C33 - C36	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/14/21	06/15/21	lk	BF11424
Surrogate: n-Tetracosane	*141 %*	*DO*		*51-138*		*EPA 3550C*	*EPA 8015M*	*06/14/21*	*06/15/21*	*lk*	*BF11424*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Arsenic	**4.05**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Barium	**901**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Cadmium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Chromium	**25.2**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Cobalt	**7.21**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Copper	**15.9**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Lead	**11.0**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Molybdenum	**3.11**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Nickel	**19.4**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Selenium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Thallium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Vanadium	**41.4**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Zinc	**56.4**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	06/14/21	06/14/21	vc	BF11525

Sample ID: B12-SS-0.5 Soil (2106140-35) Sampled: 06/08/21 12:57 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	06/10/21	06/10/21	lk	BF11022
Surrogate: a,a,a-Trifluorotoluene	*83.5 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*06/10/21*	*06/10/21*	*lk*	*BF11022*

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5261 West Imperial Highway
Los Angeles, CA 90045

File #:74354
Report Date: 06/16/21
Submitted: 06/09/21
PLS Report No.: 2106140

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Sample ID: B12-SS-0.5 Soil (2106140-35) Sampled: 06/08/21 12:57 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C13 - C22	**228**		1	mg/kg	2.50	EPA 3550C	EPA 8015M	06/14/21	06/15/21	lk	BF11424
TPH C23 - C32	**833**		1	mg/kg	100	EPA 3550C	EPA 8015M	06/14/21	06/15/21	lk	BF11424
TPH C33 - C36	**139**		1	mg/kg	100	EPA 3550C	EPA 8015M	06/14/21	06/15/21	lk	BF11424
Surrogate: n-Tetracosane	*145 %*	*DO*		*51-138*		*EPA 3550C*	*EPA 8015M*	*06/14/21*	*06/15/21*	*lk*	*BF11424*

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Arsenic	**4.56**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Barium	**416**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Cadmium	**2.31**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Chromium	**48.6**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Cobalt	**10.0**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Copper	**32.3**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Lead	**35.7**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Molybdenum	**1.98**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Nickel	**43.2**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Selenium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Thallium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Vanadium	**91.9**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Zinc	**80.2**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	06/14/21	06/14/21	vc	BF11525

Sample ID: B12-SS-2.5 Soil (2106140-36) Sampled: 06/08/21 13:05 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	06/10/21	06/10/21	lk	BF11022
Surrogate: a,a,a-Trifluorotoluene	*106 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*06/10/21*	*06/10/21*	*lk*	*BF11022*

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C13 - C22	**12.2**		1	mg/kg	2.50	EPA 3550C	EPA 8015M	06/15/21	06/16/21	lk	BF11542
TPH C23 - C32	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/15/21	06/16/21	lk	BF11542
TPH C33 - C36	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/15/21	06/16/21	lk	BF11542
Surrogate: n-Tetracosane	*108 %*			*51-138*		*EPA 3550C*	*EPA 8015M*	*06/15/21*	*06/16/21*	*lk*	*BF11542*

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	**4.69**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Arsenic	**4.32**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Barium	**506**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Cadmium	**5.44**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Chromium	**136**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Cobalt	**9.59**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Copper	**64.8**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Lead	**7.09**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Molybdenum	**3.27**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Nickel	**112**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Selenium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524

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5261 West Imperial Highway
Los Angeles, CA 90045

File #:74354
Report Date: 06/16/21
Submitted: 06/09/21
PLS Report No.: 2106140

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Sample ID: B12-SS-2.5 Soil (2106140-36) Sampled: 06/08/21 13:05 Received: 06/09/21 10:15

Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Thallium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Vanadium	**218**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Zinc	**155**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	06/14/21	06/14/21	vc	BF11525

Sample ID: B12-SS-4.5 Soil (2106140-37) Sampled: 06/08/21 13:10 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	06/11/21	06/11/21	lk	BF11022
Surrogate: a,a,a-Trifluorotoluene	*96.3 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*06/11/21*	*06/11/21*	*lk*	*BF11022*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C13 - C22	ND		1	mg/kg	2.50	EPA 3550C	EPA 8015M	06/15/21	06/15/21	lk	BF11542
TPH C23 - C32	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/15/21	06/15/21	lk	BF11542
TPH C33 - C36	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/15/21	06/15/21	lk	BF11542
Surrogate: n-Tetracosane	*93.1 %*			*51-138*		*EPA 3550C*	*EPA 8015M*	*06/15/21*	*06/15/21*	*lk*	*BF11542*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	**4.41**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Arsenic	**4.49**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Barium	**437**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Cadmium	**5.39**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Chromium	**128**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Cobalt	**8.86**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Copper	**61.3**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Lead	**5.40**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Molybdenum	**3.77**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Nickel	**108**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Selenium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Thallium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Vanadium	**193**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Zinc	**146**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	**0.126**		1	mg/kg	0.100	EPA 7471A	EPA 7471A	06/14/21	06/14/21	vc	BF11525

Sample ID: B9-SS-0.5 Soil (2106140-38) Sampled: 06/08/21 13:18 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	06/11/21	06/11/21	lk	BF11022
Surrogate: a,a,a-Trifluorotoluene	*99.7 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*06/11/21*	*06/11/21*	*lk*	*BF11022*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C13 - C22	**10.5**		1	mg/kg	2.50	EPA 3550C	EPA 8015M	06/15/21	06/16/21	lk	BF11542
TPH C23 - C32	**109**		1	mg/kg	100	EPA 3550C	EPA 8015M	06/15/21	06/16/21	lk	BF11542
TPH C33 - C36	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/15/21	06/16/21	lk	BF11542
Surrogate: n-Tetracosane	*121 %*			*51-138*		*EPA 3550C*	*EPA 8015M*	*06/15/21*	*06/16/21*	*lk*	*BF11542*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524

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File #:74354
Report Date: 06/16/21
Submitted: 06/09/21
PLS Report No.: 2106140

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Sample ID: B9-SS-0.5 Soil (2106140-38) Sampled: 06/08/21 13:18 Received: 06/09/21 10:15

Arsenic	**4.98**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Barium	**405**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Cadmium	**1.20**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Chromium	**29.4**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Cobalt	**8.17**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Copper	**21.6**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Lead	**43.1**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Molybdenum	**1.20**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Nickel	**22.0**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Selenium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Thallium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Vanadium	**51.8**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Zinc	**73.7**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	06/14/21	06/14/21	vc	BF11525

Sample ID: B9-SS-0.5 D Soil (2106140-39) Sampled: 06/08/21 13:18 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	06/11/21	06/11/21	lk	BF11022
Surrogate: a,a,a-Trifluorotoluene	*101 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*06/11/21*	*06/11/21*	*lk*	*BF11022*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C13 - C22	**6.73**		1	mg/kg	2.50	EPA 3550C	EPA 8015M	06/15/21	06/16/21	lk	BF11542
TPH C23 - C32	**110**		1	mg/kg	100	EPA 3550C	EPA 8015M	06/15/21	06/16/21	lk	BF11542
TPH C33 - C36	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/15/21	06/16/21	lk	BF11542
Surrogate: n-Tetracosane	*102 %*			*51-138*		*EPA 3550C*	*EPA 8015M*	*06/15/21*	*06/16/21*	*lk*	*BF11542*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	**2.02**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Arsenic	**4.85**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Barium	**392**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Cadmium	**1.33**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Chromium	**30.8**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Cobalt	**8.69**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Copper	**24.9**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Lead	**45.5**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Molybdenum	**1.23**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Nickel	**23.6**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Selenium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Thallium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Vanadium	**54.1**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Zinc	**81.0**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	06/14/21	06/14/21	vc	BF11525

Sample ID: B9-SS-2.5 Soil (2106140-40) Sampled: 06/08/21 13:39 Received: 06/09/21 10:15

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5261 West Imperial Highway
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Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

File #:74354
Report Date: 06/16/21
Submitted: 06/09/21
PLS Report No.: 2106140

Project: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Sample ID: B9-SS-2.5 Soil (2106140-40) Sampled: 06/08/21 13:39 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	06/11/21	06/11/21	lk	BF11022
Surrogate: a,a,a-Trifluorotoluene	*106 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*06/11/21*	*06/11/21*	*lk*	*BF11022*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C13 - C22	ND		1	mg/kg	2.50	EPA 3550C	EPA 8015M	06/15/21	06/15/21	lk	BF11542
TPH C23 - C32	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/15/21	06/15/21	lk	BF11542
TPH C33 - C36	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/15/21	06/15/21	lk	BF11542
Surrogate: n-Tetracosane	*99.5 %*			*51-138*		*EPA 3550C*	*EPA 8015M*	*06/15/21*	*06/15/21*	*lk*	*BF11542*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Arsenic	**3.04**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Barium	**117**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Cadmium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Chromium	**16.0**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Cobalt	**6.73**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Copper	**15.5**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Lead	**9.91**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Molybdenum	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Nickel	**11.8**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Selenium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Thallium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Vanadium	**28.2**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Zinc	**40.8**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	06/14/21	06/14/21	vc	BF11525

Sample ID: B9-SS-4.5 Soil (2106140-41) Sampled: 06/08/21 13:44 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	mg/kg	0.500	EPA 5030B	EPA 8015M	06/11/21	06/11/21	lk	BF11022
Surrogate: a,a,a-Trifluorotoluene	*103 %*			*58-137*		*EPA 5030B*	*EPA 8015M*	*06/11/21*	*06/11/21*	*lk*	*BF11022*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C13 - C22	ND		1	mg/kg	2.50	EPA 3550C	EPA 8015M	06/15/21	06/15/21	lk	BF11542
TPH C23 - C32	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/15/21	06/15/21	lk	BF11542
TPH C33 - C36	ND		1	mg/kg	100	EPA 3550C	EPA 8015M	06/15/21	06/15/21	lk	BF11542
Surrogate: n-Tetracosane	*97.1 %*			*51-138*		*EPA 3550C*	*EPA 8015M*	*06/15/21*	*06/15/21*	*lk*	*BF11542*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Antimony	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11415
Arsenic	**4.02**		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11415
Barium	**143**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11415
Beryllium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11415
Cadmium	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11415
Chromium	**21.3**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11415
Cobalt	**8.61**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11415
Copper	**16.6**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11415

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File #:74354
Report Date: 06/16/21
Submitted: 06/09/21
PLS Report No.: 2106140

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Sample ID: B9-SS-4.5 Soil (2106140-41) Sampled: 06/08/21 13:44 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Lead	**45.7**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11415
Molybdenum	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11415
Nickel	**14.8**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11415
Selenium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11415
Silver	ND		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11415
Thallium	ND		1	mg/kg	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11415
Vanadium	**34.9**		1	mg/kg	1.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11415
Zinc	**37.1**		1	mg/kg	5.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11415
Mercury	ND		1	mg/kg	0.100	EPA 7471A	EPA 7471A	06/11/21	06/11/21	cg	BF11416

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File #:74354
Report Date: 06/16/21
Submitted: 06/09/21
PLS Report No.: 2106140

Project: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Quality Control Data

Analyte		Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BF10922 - EPA 5030B											
Blank		**Prepared & Analyzed: 06/09/21**									
TPH C4 - C12		ND	0.500	mg/kg							
Surrogate: a,a,a-Trifluorotoluene		*0.0286*		mg/kg	*0.03000*		*95.5*	*58-137*			
LCS		**Prepared & Analyzed: 06/09/21**									
Gasoline		0.806	0.500	mg/kg	0.9096		88.6	66-115			
Matrix Spike	**Source: 2106130-10**	**Prepared & Analyzed: 06/09/21**									
Gasoline		0.770	0.500	mg/kg	0.9096	ND	84.7	55-115			
Matrix Spike Dup	**Source: 2106130-10**	**Prepared & Analyzed: 06/09/21**									
Gasoline		0.861	0.500	mg/kg	0.9096	ND	94.6	55-115	11.1	30	
Batch BF11014 - EPA 5030B											
Blank		**Prepared & Analyzed: 06/10/21**									
TPH C4 - C12		ND	0.500	mg/kg							
Surrogate: a,a,a-Trifluorotoluene		*0.0309*		mg/kg	*0.03000*		*103*	*58-137*			
LCS		**Prepared & Analyzed: 06/10/21**									
Gasoline		0.704	0.500	mg/kg	0.9096		77.4	66-115			
Matrix Spike	**Source: 2106140-06**	**Prepared & Analyzed: 06/10/21**									
Gasoline		1.23	0.500	mg/kg	1.819	ND	67.9	55-115			
Matrix Spike Dup	**Source: 2106140-06**	**Prepared & Analyzed: 06/10/21**									
Gasoline		1.34	0.500	mg/kg	1.819	ND	73.7	55-115	8.21	30	
Batch BF11022 - EPA 5030B											
Blank		**Prepared & Analyzed: 06/10/21**									
TPH C4 - C12		ND	0.500	mg/kg							
Surrogate: a,a,a-Trifluorotoluene		*0.0306*		mg/kg	*0.03000*		*102*	*58-137*			
LCS		**Prepared & Analyzed: 06/10/21**									
Gasoline		0.717	0.500	mg/kg	0.9096		78.8	66-115			
Matrix Spike	**Source: 2106141-01**	**Prepared & Analyzed: 06/10/21**									
Gasoline		1.40	0.500	mg/kg	1.819	ND	77.2	55-115			
Matrix Spike Dup	**Source: 2106141-01**	**Prepared & Analyzed: 06/10/21**									
Gasoline		1.29	0.500	mg/kg	1.819	ND	70.7	55-115	8.73	30	
Batch BF11025 - EPA 5030B											
Blank		**Prepared & Analyzed: 06/11/21**									
TPH C4 - C12		ND	100	ug/l							
Surrogate: a,a,a-Trifluorotoluene		*29.9*		ug/l	*30.00*		*99.6*	*63-144*			
LCS		**Prepared & Analyzed: 06/11/21**									
Gasoline		712	100	ug/l	909.6		78.3	68-115			

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File #:74354
Report Date: 06/16/21
Submitted: 06/09/21
PLS Report No.: 2106140

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BF11025 - EPA 5030B										
Matrix Spike **Source: 2106075-02**	**Prepared & Analyzed: 06/14/21**									
Gasoline	633	100	ug/l	909.6	ND	69.6	68-115			
Matrix Spike Dup **Source: 2106075-02**	**Prepared & Analyzed: 06/11/21**									
Gasoline	629	100	ug/l	909.6	ND	69.1	68-115	0.626	20	
Batch BF11124 - EPA 3550C										
Blank	**Prepared & Analyzed: 06/11/21**									
TPH C13 - C22	ND	2.50	mg/kg							
TPH C23 - C32	ND	100	mg/kg							
TPH C33 - C36	ND	100	mg/kg							
Surrogate: n-Tetracosane	*20.7*		mg/kg	*20.83*		*99.6*	*51-138*			
LCS	**Prepared & Analyzed: 06/11/21**									
Diesel	465	12.5	mg/kg	554.7		83.8	49-150			
Surrogate: n-Tetracosane	*23.9*		mg/kg	*20.83*		*115*	*60-144*			
Matrix Spike **Source: 2106140-09**	**Prepared & Analyzed: 06/11/21**									
Diesel	112	2.50	mg/kg	110.9	2.04	98.8	43-132			
Surrogate: n-Tetracosane	*25.0*		mg/kg	*20.83*		*120*	*57-138*			
Matrix Spike Dup **Source: 2106140-09**	**Prepared & Analyzed: 06/11/21**									
Diesel	109	2.50	mg/kg	110.9	2.04	96.0	43-132	2.84	30	
Surrogate: n-Tetracosane	*23.9*		mg/kg	*20.83*		*115*	*57-138*			
Batch BF11424 - EPA 3550C										
Blank	**Prepared & Analyzed: 06/14/21**									
TPH C13 - C22	ND	2.50	mg/kg							
TPH C23 - C32	ND	100	mg/kg							
TPH C33 - C36	ND	100	mg/kg							
Surrogate: n-Tetracosane	*18.8*		mg/kg	*20.83*		*90.2*	*51-138*			
LCS	**Prepared & Analyzed: 06/14/21**									
Diesel	546	12.5	mg/kg	554.7		98.5	49-150			
Surrogate: n-Tetracosane	*22.1*		mg/kg	*20.83*		*106*	*60-144*			
Matrix Spike **Source: 2106140-20**	**Prepared & Analyzed: 06/14/21**									
Diesel	105	2.50	mg/kg	110.9	ND	94.3	43-132			
Surrogate: n-Tetracosane	*21.9*		mg/kg	*20.83*		*105*	*57-138*			
Matrix Spike Dup **Source: 2106140-20**	**Prepared & Analyzed: 06/14/21**									
Diesel	107	2.50	mg/kg	110.9	ND	96.1	43-132	1.84	30	
Surrogate: n-Tetracosane	*22.6*		mg/kg	*20.83*		*108*	*57-138*			
Batch BF11542 - EPA 3550C										
Blank	**Prepared & Analyzed: 06/15/21**									

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File #:74354
Report Date: 06/16/21
Submitted: 06/09/21
PLS Report No.: 2106140

Project: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BF11542 - EPA 3550C										
TPH C13 - C22	ND	2.50	mg/kg							
TPH C23 - C32	ND	100	mg/kg							
TPH C33 - C36	ND	100	mg/kg							
Surrogate: n-Tetracosane	*20.3*		mg/kg	*20.83*		*97.5*	*51-138*			
LCS	**Prepared & Analyzed: 06/15/21**									
Diesel	506	12.5	mg/kg	554.7		91.2	49-150			
Surrogate: n-Tetracosane	*26.3*		mg/kg	*20.83*		*126*	*60-144*			
Matrix Spike **Source: 2106140-40**	**Prepared & Analyzed: 06/15/21**									
Diesel	102	2.50	mg/kg	110.9	ND	92.1	43-132			
Surrogate: n-Tetracosane	*26.5*		mg/kg	*20.83*		*127*	*57-138*			
Matrix Spike Dup **Source: 2106140-40**	**Prepared & Analyzed: 06/15/21**									
Diesel	106	2.50	mg/kg	110.9	ND	95.1	43-132	3.26	30	
Surrogate: n-Tetracosane	*26.7*		mg/kg	*20.83*		*128*	*57-138*			
Batch BF11534 - EPA 3535A										
Blank	**Prepared & Analyzed: 06/15/21**									
TPH C13 - C22	ND	0.500	mg/L							
TPH C23 - C32	ND	2.50	mg/L							
TPH C33 - C36	ND	10.0	mg/L							
Surrogate: n-Tetracosane	*0.305*		mg/L	*0.3125*		*97.6*	*46-116*			
LCS	**Prepared & Analyzed: 06/15/21**									
Diesel	7.58	0.500	mg/L	8.320		91.1	45-142			
Surrogate: n-Tetracosane	*0.411*		mg/L	*0.3125*		*132*	*39-149*			
LCS Dup	**Prepared & Analyzed: 06/15/21**									
Diesel	6.40	0.500	mg/L	8.320		76.9	45-142	16.8	25	
Surrogate: n-Tetracosane	*0.323*		mg/L	*0.3125*		*103*	*39-149*			
Batch BF11414 - EPA 3050B										
Blank	**Prepared & Analyzed: 06/11/21**									
Antimony	ND	2.00	mg/kg							
Arsenic	ND	2.00	mg/kg							
Barium	ND	1.00	mg/kg							
Beryllium	ND	1.00	mg/kg							
Cadmium	ND	1.00	mg/kg							
Chromium	ND	1.00	mg/kg							
Cobalt	ND	1.00	mg/kg							
Copper	ND	1.00	mg/kg							
Lead	ND	1.00	mg/kg							
Molybdenum	ND	1.00	mg/kg							
Nickel	ND	1.00	mg/kg							

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File #:74354
Report Date: 06/16/21
Submitted: 06/09/21
PLS Report No.: 2106140

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Quality Control Data

Analyte		Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BF11414 - EPA 3050B											
Selenium		ND	2.00	mg/kg							
Silver		ND	1.00	mg/kg							
Thallium		ND	2.00	mg/kg							
Vanadium		ND	1.00	mg/kg							
Zinc		ND	5.00	mg/kg							
LCS		**Prepared & Analyzed: 06/11/21**									
Antimony		50.2	2.00	mg/kg	49.40		102	60-140			
Arsenic		49.3	2.00	mg/kg	49.33		99.9	80-120			
Barium		206	1.00	mg/kg	198.1		104	80-120			
Beryllium		4.82	1.00	mg/kg	5.000		96.4	80-120			
Cadmium		5.25	1.00	mg/kg	5.000		105	80-120			
Chromium		20.6	1.00	mg/kg	19.91		104	80-120			
Cobalt		53.4	1.00	mg/kg	50.00		107	80-120			
Copper		26.3	1.00	mg/kg	25.10		105	80-120			
Lead		53.7	1.00	mg/kg	49.97		107	80-120			
Molybdenum		48.1	1.00	mg/kg	49.85		96.6	80-120			
Nickel		54.2	1.00	mg/kg	50.00		108	80-120			
Selenium		50.0	2.00	mg/kg	49.60		101	80-120			
Silver		5.12	1.00	mg/kg	5.000		102	80-120			
Thallium		52.2	2.00	mg/kg	49.80		105	80-120			
Vanadium		49.0	1.00	mg/kg	50.10		97.8	80-120			
Zinc		51.1	5.00	mg/kg	49.82		103	80-120			
Matrix Spike	**Source: 2106140-02**	**Prepared & Analyzed: 06/11/21**									
Antimony		47.1	2.00	mg/kg	49.40	1.47	92.4	60-140			
Arsenic		50.2	2.00	mg/kg	49.33	3.71	94.3	75-125			
Barium		2460	1.00	mg/kg	198.1	1870	297	75-125			V-3
Beryllium		4.74	1.00	mg/kg	5.000	0.268	89.4	75-125			
Cadmium		6.33	1.00	mg/kg	5.000	1.71	92.4	75-125			
Chromium		55.2	1.00	mg/kg	19.91	38.4	84.5	75-125			
Cobalt		52.7	1.00	mg/kg	50.00	16.1	73.1	75-125			V-2
Copper		41.2	1.00	mg/kg	25.10	17.8	93.3	75-125			
Lead		45.0	1.00	mg/kg	49.97	3.34	83.4	75-125			
Molybdenum		50.4	1.00	mg/kg	49.85	6.84	87.4	75-125			
Nickel		74.5	1.00	mg/kg	50.00	35.4	78.2	75-125			
Selenium		48.2	2.00	mg/kg	49.60	1.57	93.9	75-125			
Silver		5.65	1.00	mg/kg	5.000	0.467	104	75-125			
Thallium		42.6	2.00	mg/kg	49.80	1.52	82.6	75-125			
Vanadium		98.7	1.00	mg/kg	50.10	54.4	88.4	75-125			
Zinc		94.5	5.00	mg/kg	49.82	44.5	100	75-125			
Matrix Spike Dup	**Source: 2106140-02**	**Prepared & Analyzed: 06/11/21**									

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Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

File #:74354
Report Date: 06/16/21
Submitted: 06/09/21
PLS Report No.: 2106140

Project: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BF11414 - EPA 3050B										
Antimony	46.9	2.00	mg/kg	49.40	1.47	91.9	60-140	0.511	30	
Arsenic	48.6	2.00	mg/kg	49.33	3.71	91.1	75-125	3.50	30	
Barium	1980	1.00	mg/kg	198.1	1870	55.1	75-125	137	30	V-3
Beryllium	4.70	1.00	mg/kg	5.000	0.268	88.7	75-125	0.764	30	
Cadmium	6.02	1.00	mg/kg	5.000	1.71	86.1	75-125	7.05	30	
Chromium	55.6	1.00	mg/kg	19.91	38.4	86.5	75-125	2.39	30	
Cobalt	52.9	1.00	mg/kg	50.00	16.1	73.5	75-125	0.493	30	V-2
Copper	41.3	1.00	mg/kg	25.10	17.8	93.9	75-125	0.631	30	
Lead	45.6	1.00	mg/kg	49.97	3.34	84.6	75-125	1.49	30	
Molybdenum	48.2	1.00	mg/kg	49.85	6.84	82.9	75-125	5.29	30	
Nickel	70.7	1.00	mg/kg	50.00	35.4	70.6	75-125	10.2	30	V-2
Selenium	47.8	2.00	mg/kg	49.60	1.57	93.2	75-125	0.725	30	
Silver	5.44	1.00	mg/kg	5.000	0.467	99.5	75-125	4.01	30	
Thallium	42.5	2.00	mg/kg	49.80	1.52	82.2	75-125	0.431	30	
Vanadium	95.8	1.00	mg/kg	50.10	54.4	82.6	75-125	6.85	30	
Zinc	88.3	5.00	mg/kg	49.82	44.5	87.9	75-125	13.2	30	
Batch BF11415 - EPA 3050B										
Blank	**Prepared & Analyzed: 06/11/21**									
Antimony	ND	2.00	mg/kg							
Arsenic	ND	2.00	mg/kg							
Barium	ND	1.00	mg/kg							
Beryllium	ND	1.00	mg/kg							
Cadmium	ND	1.00	mg/kg							
Chromium	ND	1.00	mg/kg							
Cobalt	ND	1.00	mg/kg							
Copper	ND	1.00	mg/kg							
Lead	ND	1.00	mg/kg							
Molybdenum	ND	1.00	mg/kg							
Nickel	ND	1.00	mg/kg							
Selenium	ND	2.00	mg/kg							
Silver	ND	1.00	mg/kg							
Thallium	ND	2.00	mg/kg							
Vanadium	ND	1.00	mg/kg							
Zinc	ND	5.00	mg/kg							
LCS	**Prepared & Analyzed: 06/11/21**									
Antimony	49.7	2.00	mg/kg	49.40		101	60-140			
Arsenic	49.2	2.00	mg/kg	49.33		99.8	80-120			
Barium	205	1.00	mg/kg	198.1		103	80-120			
Beryllium	4.88	1.00	mg/kg	5.000		97.6	80-120			
Cadmium	5.29	1.00	mg/kg	5.000		106	80-120			

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Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

File #:74354
Report Date: 06/16/21
Submitted: 06/09/21
PLS Report No.: 2106140

Project: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Quality Control Data

Analyte		Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BF11415 - EPA 3050B											
Chromium		20.6	1.00	mg/kg	19.91		104	80-120			
Cobalt		53.2	1.00	mg/kg	50.00		106	80-120			
Copper		26.1	1.00	mg/kg	25.10		104	80-120			
Lead		54.1	1.00	mg/kg	49.97		108	80-120			
Molybdenum		48.1	1.00	mg/kg	49.85		96.6	80-120			
Nickel		54.0	1.00	mg/kg	50.00		108	80-120			
Selenium		50.0	2.00	mg/kg	49.60		101	80-120			
Silver		5.11	1.00	mg/kg	5.000		102	80-120			
Thallium		52.5	2.00	mg/kg	49.80		105	80-120			
Vanadium		48.8	1.00	mg/kg	50.10		97.3	80-120			
Zinc		50.2	5.00	mg/kg	49.82		101	80-120			
Matrix Spike	**Source: 2106172-01**	**Prepared & Analyzed: 06/11/21**									
Antimony		44.8	2.00	mg/kg	49.40	ND	90.7	60-140			
Arsenic		48.1	2.00	mg/kg	49.33	0.864	95.8	75-125			
Barium		321	1.00	mg/kg	198.1	126	98.3	75-125			
Beryllium		5.18	1.00	mg/kg	5.000	0.495	93.7	75-125			
Cadmium		5.09	1.00	mg/kg	5.000	0.259	96.7	75-125			
Chromium		37.8	1.00	mg/kg	19.91	18.3	98.0	75-125			
Cobalt		59.1	1.00	mg/kg	50.00	11.2	95.8	75-125			
Copper		42.5	1.00	mg/kg	25.10	16.6	103	75-125			
Lead		50.6	1.00	mg/kg	49.97	3.98	93.3	75-125			
Molybdenum		44.6	1.00	mg/kg	49.85	0.503	88.4	75-125			
Nickel		60.0	1.00	mg/kg	50.00	11.9	96.1	75-125			
Selenium		46.6	2.00	mg/kg	49.60	ND	94.0	75-125			
Silver		4.51	1.00	mg/kg	5.000	ND	90.1	75-125			
Thallium		45.6	2.00	mg/kg	49.80	ND	91.5	75-125			
Vanadium		90.9	1.00	mg/kg	50.10	45.3	90.9	75-125			
Zinc		101	5.00	mg/kg	49.82	53.2	96.2	75-125			
Matrix Spike Dup	**Source: 2106172-01**	**Prepared & Analyzed: 06/11/21**									
Antimony		43.8	2.00	mg/kg	49.40	ND	88.8	60-140	2.12	30	
Arsenic		47.5	2.00	mg/kg	49.33	0.864	94.6	75-125	1.31	30	
Barium		315	1.00	mg/kg	198.1	126	95.3	75-125	3.15	30	
Beryllium		5.11	1.00	mg/kg	5.000	0.495	92.3	75-125	1.55	30	
Cadmium		5.02	1.00	mg/kg	5.000	0.259	95.2	75-125	1.54	30	
Chromium		36.9	1.00	mg/kg	19.91	18.3	93.6	75-125	4.60	30	
Cobalt		58.3	1.00	mg/kg	50.00	11.2	94.1	75-125	1.80	30	
Copper		41.5	1.00	mg/kg	25.10	16.6	99.2	75-125	3.97	30	
Lead		50.2	1.00	mg/kg	49.97	3.98	92.4	75-125	0.947	30	
Molybdenum		44.5	1.00	mg/kg	49.85	0.503	88.3	75-125	0.185	30	
Nickel		59.1	1.00	mg/kg	50.00	11.9	94.3	75-125	1.93	30	

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File #:74354
Report Date: 06/16/21
Submitted: 06/09/21
PLS Report No.: 2106140

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BF11415 - EPA 3050B										
Selenium	47.5	2.00	mg/kg	49.60	ND	95.8	75-125	1.86	30	
Silver	4.54	1.00	mg/kg	5.000	ND	90.8	75-125	0.675	30	
Thallium	46.5	2.00	mg/kg	49.80	ND	93.4	75-125	2.02	30	
Vanadium	89.8	1.00	mg/kg	50.10	45.3	88.7	75-125	2.44	30	
Zinc	99.5	5.00	mg/kg	49.82	53.2	93.0	75-125	3.44	30	
Batch BF11524 - EPA 3050B										
Blank	**Prepared & Analyzed: 06/14/21**									
Antimony	ND	2.00	mg/kg							
Arsenic	ND	2.00	mg/kg							
Barium	ND	1.00	mg/kg							
Beryllium	ND	1.00	mg/kg							
Cadmium	ND	1.00	mg/kg							
Chromium	ND	1.00	mg/kg							
Cobalt	ND	1.00	mg/kg							
Copper	ND	1.00	mg/kg							
Lead	ND	1.00	mg/kg							
Molybdenum	ND	1.00	mg/kg							
Nickel	ND	1.00	mg/kg							
Selenium	ND	2.00	mg/kg							
Silver	ND	1.00	mg/kg							
Thallium	ND	2.00	mg/kg							
Vanadium	ND	1.00	mg/kg							
Zinc	ND	5.00	mg/kg							
LCS	**Prepared & Analyzed: 06/14/21**									
Antimony	50.1	2.00	mg/kg	49.40		101	60-140			
Arsenic	48.5	2.00	mg/kg	49.33		98.3	80-120			
Barium	201	1.00	mg/kg	198.1		101	80-120			
Beryllium	4.83	1.00	mg/kg	5.000		96.6	80-120			
Cadmium	5.15	1.00	mg/kg	5.000		103	80-120			
Chromium	20.3	1.00	mg/kg	19.91		102	80-120			
Cobalt	53.5	1.00	mg/kg	50.00		107	80-120			
Copper	26.3	1.00	mg/kg	25.10		105	80-120			
Lead	53.4	1.00	mg/kg	49.97		107	80-120			
Molybdenum	47.5	1.00	mg/kg	49.85		95.2	80-120			
Nickel	53.6	1.00	mg/kg	50.00		107	80-120			
Selenium	49.2	2.00	mg/kg	49.60		99.2	80-120			
Silver	5.19	1.00	mg/kg	5.000		104	80-120			
Thallium	51.3	2.00	mg/kg	49.80		103	80-120			
Vanadium	49.6	1.00	mg/kg	50.10		99.1	80-120			
Zinc	51.8	5.00	mg/kg	49.82		104	80-120			

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Project: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BF11524 - EPA 3050B										
Matrix Spike **Source: 2106140-22**	**Prepared & Analyzed: 06/14/21**									
Antimony	50.3	2.00	mg/kg	49.40	7.13	87.4	60-140			
Arsenic	51.7	2.00	mg/kg	49.33	4.68	95.4	75-125			
Barium	412	1.00	mg/kg	198.1	239	87.1	75-125			
Beryllium	4.99	1.00	mg/kg	5.000	0.320	93.5	75-125			
Cadmium	5.72	1.00	mg/kg	5.000	1.18	90.8	75-125			
Chromium	43.7	1.00	mg/kg	19.91	27.3	82.6	75-125			
Cobalt	54.4	1.00	mg/kg	50.00	7.76	93.3	75-125			
Copper	66.3	1.00	mg/kg	25.10	44.5	86.7	75-125			
Lead	373	1.00	mg/kg	49.97	381	NR	75-125			V-3
Molybdenum	45.3	1.00	mg/kg	49.85	1.02	88.7	75-125			
Nickel	70.8	1.00	mg/kg	50.00	26.8	88.0	75-125			
Selenium	49.6	2.00	mg/kg	49.60	ND	100	75-125			
Silver	5.07	1.00	mg/kg	5.000	ND	101	75-125			
Thallium	45.4	2.00	mg/kg	49.80	1.22	88.8	75-125			
Vanadium	97.3	1.00	mg/kg	50.10	55.4	83.6	75-125			
Zinc	209	5.00	mg/kg	49.82	173	72.1	75-125			V-2
Matrix Spike Dup **Source: 2106140-22**	**Prepared & Analyzed: 06/14/21**									
Antimony	50.6	2.00	mg/kg	49.40	7.13	88.1	60-140	0.776	30	
Arsenic	51.9	2.00	mg/kg	49.33	4.68	95.8	75-125	0.457	30	
Barium	420	1.00	mg/kg	198.1	239	91.3	75-125	4.67	30	
Beryllium	5.04	1.00	mg/kg	5.000	0.320	94.4	75-125	0.916	30	
Cadmium	5.98	1.00	mg/kg	5.000	1.18	96.1	75-125	5.72	30	
Chromium	45.1	1.00	mg/kg	19.91	27.3	89.6	75-125	8.14	30	
Cobalt	54.0	1.00	mg/kg	50.00	7.76	92.4	75-125	0.920	30	
Copper	68.3	1.00	mg/kg	25.10	44.5	94.9	75-125	9.06	30	
Lead	416	1.00	mg/kg	49.97	381	70.4	75-125	NR	30	V-3
Molybdenum	45.2	1.00	mg/kg	49.85	1.02	88.5	75-125	0.215	30	
Nickel	73.4	1.00	mg/kg	50.00	26.8	93.1	75-125	5.65	30	
Selenium	48.4	2.00	mg/kg	49.60	ND	97.5	75-125	2.48	30	
Silver	4.97	1.00	mg/kg	5.000	ND	99.5	75-125	1.91	30	
Thallium	45.0	2.00	mg/kg	49.80	1.22	87.8	75-125	1.05	30	
Vanadium	101	1.00	mg/kg	50.10	55.4	90.6	75-125	8.11	30	
Zinc	215	5.00	mg/kg	49.82	173	84.1	75-125	15.3	30	
Batch BF11620 - EPA 3010A										
Blank	**Prepared: 06/15/21 Analyzed: 06/16/21**									
Antimony	ND	0.020	mg/L							
Arsenic	ND	0.020	mg/L							
Barium	ND	0.010	mg/L							

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Certificate of Analysis

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File #:74354
Report Date: 06/16/21
Submitted: 06/09/21
PLS Report No.: 2106140

Project: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Quality Control Data

Analyte		Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BF11620 - EPA 3010A											
Beryllium		ND	0.005	mg/L							
Cadmium		ND	0.005	mg/L							
Chromium		ND	0.010	mg/L							
Cobalt		ND	0.010	mg/L							
Copper		ND	0.010	mg/L							
Lead		ND	0.010	mg/L							
Molybdenum		ND	0.010	mg/L							
Nickel		ND	0.010	mg/L							
Selenium		ND	0.020	mg/L							
Silver		ND	0.010	mg/L							
Thallium		ND	0.010	mg/L							
Vanadium		ND	0.010	mg/L							
Zinc		ND	0.020	mg/L							
LCS		**Prepared: 06/15/21 Analyzed: 06/16/21**									
Antimony		0.513	0.020	mg/L	0.5030		102	60-129			
Arsenic		0.498	0.020	mg/L	0.5058		98.5	85-115			
Barium		0.487	0.010	mg/L	0.5000		97.4	85-115			
Beryllium		0.099	0.005	mg/L	0.1006		98.0	85-115			
Cadmium		0.195	0.005	mg/L	0.2006		97.3	85-115			
Chromium		0.489	0.010	mg/L	0.5038		97.0	85-115			
Cobalt		0.209	0.010	mg/L	0.2002		104	85-115			
Copper		0.490	0.010	mg/L	0.5072		96.7	85-115			
Lead		0.511	0.010	mg/L	0.5068		101	85-115			
Molybdenum		0.198	0.010	mg/L	0.2022		98.0	85-115			
Nickel		0.508	0.010	mg/L	0.5058		100	85-115			
Selenium		0.508	0.020	mg/L	0.5000		102	85-115			
Thallium		0.507	0.010	mg/L	0.5074		100	85-115			
Vanadium		0.198	0.010	mg/L	0.2026		97.5	85-115			
Zinc		0.497	0.020	mg/L	0.5056		98.4	85-115			
LCS		**Prepared: 06/15/21 Analyzed: 06/16/21**									
Silver		0.051	0.010	mg/L	0.05005		103	85-115			
Matrix Spike	**Source: 2106140-21**	**Prepared: 06/15/21 Analyzed: 06/16/21**									
Antimony		0.515	0.020	mg/L	0.5030	ND	102	53-128			
Arsenic		0.500	0.020	mg/L	0.5058	ND	98.9	80-120			
Barium		0.493	0.010	mg/L	0.5000	ND	98.5	80-120			
Beryllium		0.100	0.005	mg/L	0.1006	ND	99.4	80-120			
Cadmium		0.197	0.005	mg/L	0.2006	ND	98.2	80-120			
Chromium		0.497	0.010	mg/L	0.5038	ND	98.7	80-120			
Cobalt		0.210	0.010	mg/L	0.2002	ND	105	80-120			
Copper		0.494	0.010	mg/L	0.5072	ND	97.4	80-120			

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

File #:74354
Report Date: 06/16/21
Submitted: 06/09/21
PLS Report No.: 2106140

Project: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Quality Control Data

Analyte		Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BF11620 - EPA 3010A											
Lead		0.512	0.010	mg/L	0.5068	ND	101	80-120			
Molybdenum		0.198	0.010	mg/L	0.2022	ND	98.1	80-120			
Nickel		0.510	0.010	mg/L	0.5058	ND	101	80-120			
Selenium		0.509	0.020	mg/L	0.5000	ND	102	80-120			
Thallium		0.505	0.010	mg/L	0.5074	ND	99.5	80-120			
Vanadium		0.197	0.010	mg/L	0.2026	ND	97.3	80-120			
Zinc		0.497	0.020	mg/L	0.5056	ND	98.4	80-120			
Matrix Spike	**Source: 2106140-21**	**Prepared: 06/15/21 Analyzed: 06/16/21**									
Silver		0.051	0.010	mg/L	0.05005	ND	102	80-120			
Matrix Spike Dup	**Source: 2106140-21**	**Prepared: 06/15/21 Analyzed: 06/16/21**									
Antimony		0.498	0.020	mg/L	0.5030	ND	98.9	53-128	3.33	20	
Arsenic		0.486	0.020	mg/L	0.5058	ND	96.1	80-120	2.90	20	
Barium		0.482	0.010	mg/L	0.5000	ND	96.5	80-120	2.12	20	
Beryllium		0.098	0.005	mg/L	0.1006	ND	97.3	80-120	2.13	20	
Cadmium		0.192	0.005	mg/L	0.2006	ND	95.9	80-120	2.41	20	
Chromium		0.486	0.010	mg/L	0.5038	ND	96.5	80-120	2.21	20	
Cobalt		0.203	0.010	mg/L	0.2002	ND	101	80-120	3.54	20	
Copper		0.481	0.010	mg/L	0.5072	ND	94.8	80-120	2.68	20	
Lead		0.495	0.010	mg/L	0.5068	ND	97.8	80-120	3.24	20	
Molybdenum		0.192	0.010	mg/L	0.2022	ND	95.0	80-120	3.18	20	
Nickel		0.498	0.010	mg/L	0.5058	ND	98.5	80-120	2.37	20	
Selenium		0.493	0.020	mg/L	0.5000	ND	98.6	80-120	3.27	20	
Thallium		0.489	0.010	mg/L	0.5074	ND	96.4	80-120	3.17	20	
Vanadium		0.192	0.010	mg/L	0.2026	ND	94.9	80-120	2.55	20	
Zinc		0.485	0.020	mg/L	0.5056	ND	95.9	80-120	2.52	20	
Matrix Spike Dup	**Source: 2106140-21**	**Prepared: 06/15/21 Analyzed: 06/16/21**									
Silver		0.051	0.010	mg/L	0.05005	ND	101	80-120	0.613	20	
Batch BF11416 - EPA 7471A											
Blank		**Prepared & Analyzed: 06/11/21**									
Mercury		ND	0.100	mg/kg							
LCS		**Prepared & Analyzed: 06/11/21**									
Mercury		0.895	0.100	mg/kg	0.8367		107	80-120			
Matrix Spike	**Source: 2106172-01**	**Prepared & Analyzed: 06/11/21**									
Mercury		0.838	0.100	mg/kg	0.8367	ND	100	75-125			
Matrix Spike Dup	**Source: 2106172-01**	**Prepared & Analyzed: 06/11/21**									
Mercury		0.873	0.100	mg/kg	0.8367	ND	104	75-125	4.09	25	
Batch BF11417 - EPA 7471A											

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

File #:74354
Report Date: 06/16/21
Submitted: 06/09/21
PLS Report No.: 2106140

Project: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Quality Control Data

Analyte		Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BF11417 - EPA 7471A											
Blank		**Prepared & Analyzed: 06/11/21**									
Mercury		ND	0.100	mg/kg							
LCS		**Prepared & Analyzed: 06/11/21**									
Mercury		0.794	0.100	mg/kg	0.8367		94.9	80-120			
Matrix Spike	**Source: 2106140-02**	**Prepared & Analyzed: 06/11/21**									
Mercury		0.840	0.100	mg/kg	0.8367	ND	100	75-125			
Matrix Spike Dup	**Source: 2106140-02**	**Prepared & Analyzed: 06/11/21**									
Mercury		0.771	0.100	mg/kg	0.8367	ND	92.1	75-125	8.61	25	
Batch BF11525 - EPA 7471A											
Blank		**Prepared & Analyzed: 06/14/21**									
Mercury		ND	0.100	mg/kg							
LCS		**Prepared & Analyzed: 06/14/21**									
Mercury		0.753	0.100	mg/kg	0.8367		90.0	80-120			
Matrix Spike	**Source: 2106140-22**	**Prepared & Analyzed: 06/14/21**									
Mercury		0.909	0.100	mg/kg	0.8367	0.0878	98.2	75-125			
Matrix Spike Dup	**Source: 2106140-22**	**Prepared & Analyzed: 06/14/21**									
Mercury		0.922	0.100	mg/kg	0.8367	0.0878	99.7	75-125	1.57	25	
Batch BF11625 - EPA 245.1											
Blank		**Prepared & Analyzed: 06/16/21**									
Mercury		ND	1.00	ug/l							
LCS		**Prepared & Analyzed: 06/16/21**									
Mercury		4.90	1.00	ug/l	5.020		97.6	85-115			
Duplicate	**Source: 2106140-21**	**Prepared & Analyzed: 06/16/21**									
Mercury		ND	2.00	ug/l		ND				20	
Matrix Spike	**Source: 2106140-21**	**Prepared & Analyzed: 06/16/21**									
Mercury		10.3	2.00	ug/l	10.04	ND	103	80-120			

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
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Certificate of Analysis

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

File #:74354
Report Date: 06/16/21
Submitted: 06/09/21
PLS Report No.: 2106140

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Notes and Definitions

V-3	Amount spiked was less than 1/4 of concentration in the sample.
V-2	Out-of-Range recovery was due to sample Heterogeneity.
DO	Coeluting Peaks
NA	Not Applicable
ND	Analyte NOT DETECTED at or above the detection limit
NR	Not Reported
MDL	Method Detection Limit
PQL	Practical Quantitation Limit

Environmental Laboratory Accreditation Program Certificate No. 1131, Mobile Lab No. 2534, LACSD No. 10138

Authorized Signature(s)

114523

POSITIVE LAB SERVICE

CHAIN OF CUSTODY AND ANALYSIS REQUEST

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

DATE: 6-8-21 PAGE 1 OF 45

LOG BOOK NO. _____ FILE NO. _____ LAB NO. 2106140

CLIENT NAME: EFI Global

Project Name/No. 319-327 N. Harbor, San Pedro

P.O. NO. 045.06520

AIRBILL NO: _____

ADDRESS: ON FILE

ANALYSES REQUESTED:

COOLER TEMP: 2°

PROJECT MANAGER: Dan Jablonski

PHONE NO:

FAX NO:

PRESERVATIVE:

SAMPLER NAME: Gabe Villanueva (Printed) (Signature)

REMARKS:

TAT (Analytical Turn Around Time): 0 = Same Day; 1 = 1 Day; 2 = 2 Days; 3 = 3 Days; N = Normal (5-7 Working Days)

CONTAINER TYPES: B = Brass, E = Encore, G = Glass, P = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID# ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

	SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	MATRIX: SOIL	MATRIX: SLUDGE	MATRIX: OTHER	TAT	CONTAINER #	CONTAINER TYPE	Title 22 metals	Carb 1 6010B/7471A	7914cc 8015M	SAMPLE CONDITION/ CONTAINER /COMMENTS:
1	1	6-8-21	0720	BS-SS-0.5		X			5	1	G	X	X		
2	2		0735	BS-SS-2.5											
3	3		0802	BS-SS-4.5											
4	4		0818	B7-SS-0.5											
5	5		0825	B7-SS-2.5											
6	6		0830	B7-SS-4.5											
7	7		0875	B8-SS-0.5											
8	8		0844	B8-SS-2.5											
9	9		0856	B8-SS-4.5											
10	10		0923	B14-SS-0.5											

Relinquished By: (Signature and Printed Name)	Received By: (Signature and Printed Name)	Date:	Time:
Gabriel Villanueva	[illegible]	6/9/21	10:15
[illegible]	J. Gutierrez	6/9/21	11:05

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days

By _____ Date _____

SPECIAL INSTRUCTIONS:

PRESERVATIVE: 1-HNO_3, 2-H_2SO_4, 3-HCL, 4-Zinc Acetate, 5-NaOH, 6-NH_4 Buffer, 7-Other

LAB COPY

114524

POSITIVE LAB SERVICE

CHAIN OF CUSTODY AND ANALYSIS REQUEST

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

DATE: 6-8-21 PAGE 2 OF 5

LOG BOOK NO. _____ FILE NO. _____ LAB NO. 2106140

CLIENT NAME: EFI Global

Project Name/No. 319-327 N. Harbor, San Pedro

P.O. NO. 045.06320

AIRBILL NO: _____

ADDRESS: ON FILE

ANALYSES REQUESTED:

COOLER TEMP: 2°C

PROJECT MANAGER: Dan Jablonski PHONE NO: FAX NO:

PRESERVATIVE:

SAMPLER NAME: Gabe Villanueva (Printed) (Signature)

REMARKS:

TAT (Analytical Turn Around Time): 0 = Same Day; 1 = 1 Day; 2 = 2 Days; 3 = 3 Days; N = Normal (5-7 Working Days)

CONTAINER TYPES: B = Brass, E = Encore, G = Glass, P = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID# ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

	SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	MATRIX: SOIL	MATRIX: SLUDGE	MATRIX: OTHER	TAT	CONTAINER #	CONTAINER TYPE	Title 22 metals Kennedy Jenks 6010B/7471A	Title 8015M	SAMPLE CONDITION/ CONTAINER /COMMENTS:
1	11	6-8-21	0930	B14-SS-2.5		X			5	1	G	X	X	
2	12		0935	B14-SS-4.5										
3	13		0935	B14-SS-4.5D										
4	14		0910	B13-SS-0.5										
5	15		0910	B13-SS-0.5D										
6	16		0912	B13-SS-2.5										
7	17		0915	B13-SS-4.5										
8	18		0841	B6-SS-0.5										
9	19		0853	B6-SS-2.5										
10	20		0857	B6-SS-4.5										

Relinquished By: (Signature and Printed Name)	Received By: (Signature and Printed Name)	Date:	Time:
	[illegible]	6/8/21	10:15 1430
[illegible]	J. Gutierrez	6/9/21	11:05

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days

By _____ Date _____

SPECIAL INSTRUCTIONS:

PRESERVATIVE: 1-HNO3, 2-H2SO4, 3-HCL, 4-Zinc Acetate, 5-NaOH, 6-NH4 Buffer, 7-Other

LAB COPY

114525

POSITIVE LAB SERVICE

CHAIN OF CUSTODY AND ANALYSIS REQUEST

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

DATE: 6-8-21 PAGE 3 OF 5

LOG BOOK NO. _____ FILE NO. _____ LAB NO. 21006140

CLIENT NAME: EFI Global

Project Name/No. 319-327 N. Harbor, San Pedro

P.O. NO. 045-06520

AIRBILL NO: _____

ADDRESS: ON FILE

COOLER TEMP: 2°C

PROJECT MANAGER: Dan Jablonski PHONE NO: FAX NO:

SAMPLER NAME: Gabe Villanueva (Printed) (Signature)

TAT (Analytical Turn Around Time): 0 = Same Day; 1 = 1 Day; 2 = 2 Days; 3 = 3 Days; N = Normal (5-7 Working Days)

CONTAINER TYPES: B = Brass, E = Encore, G = Glass, P = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID# ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

ANALYSES REQUESTED:

PRESERVATIVE:

REMARKS:

	SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	MATRIX: SOIL	MATRIX: SLUDGE	MATRIX: OTHER	TAT	CONTAINER #	CONTAINER TYPE	Title 22 metals + Cobalt / 7471A	TPHc 8015M	SAMPLE CONDITION/ CONTAINER /COMMENTS:
1	21	6-8-21	1018	EB-1	X				5	5	G/P	X	X	
2	22	↓	0942	B15-SS-0.5		X			5	1	G	↓	↓	
3	23	↓	1100	B15-SS-2.5		↓			↓	↓	↓	↓	↓	
4	24	↓	1107	B15-SS-4.5		↓			↓	↓	↓	↓	↓	
5	25	↓	1115	B16 ~~B16~~-SS-0.5		↓			↓	↓	↓	↓	↓	
6	26	↓	1125	B16 ~~B16~~-SS-2.5		↓			↓	↓	↓	↓	↓	
7	27	↓	1127	B16 ~~B16~~ SS-4.5		↓			↓	↓	↓	↓	↓	
8	28	↓	1127	B16 ~~B16~~ SS-4.5D		↓			↓	↓	↓	↓	↓	
9	29	↓	1145	B11-SS-0.5		↓			↓	↓	↓	↓	↓	
10	30	↓	1200	B11-SS-2.5		↓			↓	↓	↓	↓	↓	

Relinquished By: (Signature and Printed Name)	Received By: (Signature and Printed Name)	Date:	Time:
[signature]	[signature] Luis Gutierrez	6/9/21	1015
[signature] Luis Gutierrez	[signature] J. Gutierrez	6/9/21	11:05

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days

By _____ Date _____

SPECIAL INSTRUCTIONS:

PRESERVATIVE: 1-HNO_3, 2-H_2SO_4, 3-HCL, 4-Zinc Acetate, 5-NaOH, 6-NH_4 Buffer, 7-Other

LAB COPY

114526

POSITIVE LAB SERVICE

CHAIN OF CUSTODY AND ANALYSIS REQUEST

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

DATE: 6-8-21 PAGE 4 OF 4 5

LOG BOOK NO. _____ FILE NO. _____ LAB NO. 2106140

CLIENT NAME: EFI Global

Project Name/No. 319-377 N. Harbor San Pedro

P.O. NO. 04 T. 06520

AIRBILL NO: _____

ADDRESS: ON FILE

ANALYSES REQUESTED:

COOLER TEMP: 2 °C

PROJECT MANAGER: Dan Jablonski

PHONE NO:

FAX NO:

PRESERVATIVE:

SAMPLER NAME: Gabe Villanueva (Printed) (Signature)

REMARKS:

TAT (Analytical Turn Around Time): 0 = Same Day; 1 = 1 Day; 2 = 2 Days; 3 = 3 Days; N = Normal (5-7 Working Days)

CONTAINER TYPES: B = Brass, E = Encore, G = Glass, P = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID# ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

	SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX WATER	MATRIX SOIL	MATRIX SLUDGE	MATRIX OTHER	TAT	CONTAINER #	CONTAINER TYPE	~~Carbon Tetra 22~~ 6010B/7471A	Tetra 8015							SAMPLE CONDITION/ CONTAINER /COMMENTS:
1	31	6-8-21	1217	B11-SS-4.5		X			5	1	G	X	X							
2	32		1229	B10-SS-0.5																
3	33		1242	B10-SS-2.5																
4	34		1249	B10-SS-4.5																
5	35		1257	B12-SS-0.5																
6	36		1305	B12-SS-2.5																
7	37		1310	B12-SS-4.5																
8	38		1318	B9-SS-0.5																
9	39		1328	B9-SS-0.5D																
10	40		1339	B9-SS-2.5 ~~B10~~																

Relinquished By: (Signature and Printed Name)	Received By: (Signature and Printed Name)	Date:	Time:
[signature]	[signature] Luis Gutierrez	6/9/21	10:25
[signature]	[signature] J. Gutierrez	6/9/21	11:05
Relinquished By: (Signature and Printed Name)	Received By: (Signature and Printed Name)	Date:	Time:

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days

By _____ Date _____

SPECIAL INSTRUCTIONS:

PRESERVATIVE: 1-HNO_3, 2-H_2SO_4, 3-HCL, 4-Zinc Acetate, 5-NaOH, 6-NH_4 Buffer, 7-Other

LAB COPY

114527

POSITIVE LAB SERVICE

CHAIN OF CUSTODY AND ANALYSIS REQUEST

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

DATE: 6-8-21 PAGE 5 OF 5

LOG BOOK NO. _____ FILE NO. _____ LAB NO. 2106140

CLIENT NAME: EFI Global

Project Name/No. 319-327 N. Harbor San Pedro

P.O. NO. 045.00520

AIRBILL NO: _____

ADDRESS: ON FILE

ANALYSES REQUESTED:

COOLER TEMP: 2°

PROJECT MANAGER: Dan Jablonski

PHONE NO:

FAX NO:

PRESERVATIVE:

SAMPLER NAME: Gus Villanueva (Printed) _____ (Signature)

REMARKS:

TAT (Analytical Turn Around Time): 0 = Same Day; 1 = 1 Day; 2 = 2 Days; 3 = 3 Days; N = Normal (5-7 Working Days)

CONTAINER TYPES: B = Brass, E = Encore, G = Glass, P = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID# ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

	SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX WATER	MATRIX SOIL	MATRIX SLUDGE	MATRIX OTHER	TAT	CONTAINER #	CONTAINER TYPE	Carbon Tetra 8010B/1671A	TPHd Boiler							SAMPLE CONDITION/ CONTAINER /COMMENTS:
1	41	6-8-21	1344	B9-SS-4.5		Y			5	1	G	X	X							
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				

Relinquished By: (Signature and Printed Name)	Received By: (Signature and Printed Name)	Date:	Time:
[signature]	[signature]	6/8/21	10:15
[signature]	[signature]	6-8-21	1430
[signature]	J. Gutierrez	6/9/21	11:05

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days

By _____ Date _____

SPECIAL INSTRUCTIONS:

PRESERVATIVE: 1-HNO_3, 2-H_2SO_4, 3-HCL, 4-Zinc Acetate, 5-NaOH, 6-NH_4 Buffer, 7-Other

LAB COPY

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

June 22, 2021

Daniel Jablonski
EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Report No.: 2104082

Project Name: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Dear Daniel Jablonski,

This report contains the analytical results for the sample(s) received under chain of custody(s) by Positive Lab Service on April 08, 2021.

The test results in this report are performed in compliance with ELAP accreditation requirements for the certified parameters. The laboratory report may not be produced, except in full, without the written approval of the laboratory.

The issuance of the final Certificate of Analysis takes precedence over any previous Preliminary Report. Preliminary data should not be used for regulatory purposes. Authorized signature(s) is provided on final report only.

If you have any questions in reference to this report, please contact your Positive Lab Service coordinator.

Project Manager

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

File #:74354
Report Date: 06/22/21
Submitted: 04/08/21
PLS Report No.: 2104082

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Sample ID: B1-SS-5 Soil (2104082-01) Sampled:04/08/21 10:40 Received:04/08/21 15:30

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	**1.27**	J	1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518

Sample ID: B1-SS-15 Soil (2104082-02) Sampled:04/08/21 10:50 Received:04/08/21 15:30

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	ND		1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518

Sample ID: B1-SS-25 Soil (2104082-03) Sampled:04/08/21 11:00 Received:04/08/21 15:30

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	**2.32**		1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518

Sample ID: B2-SS-5 Soil (2104082-04) Sampled:04/08/21 08:31 Received:04/08/21 15:30

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	ND		1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518

Sample ID: B2-SS-15 Soil (2104082-05) Sampled:04/08/21 08:45 Received:04/08/21 15:30

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	ND		1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518

Sample ID: B2-SS-25 Soil (2104082-06) Sampled:04/08/21 08:54 Received:04/08/21 15:30

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	ND		1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518

Sample ID: B3-SS-5 Soil (2104082-07) Sampled:04/08/21 07:55 Received:04/08/21 15:30

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	**1.44**	J	1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518

Sample ID: B3-SS-15 Soil (2104082-08) Sampled:04/08/21 08:05 Received:04/08/21 15:30

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	**1.47**	J	1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518

Sample ID: B3-SS-25 Soil (2104082-09) Sampled:04/08/21 08:15 Received:04/08/21 15:30

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	**1.96**	J	1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518

Sample ID: B4-SS-5 Soil (2104082-10) Sampled:04/08/21 09:33 Received:04/08/21 15:30

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	ND		1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518

Sample ID: B4-SS-15 Soil (2104082-11) Sampled:04/08/21 09:45 Received:04/08/21 15:30

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	**1.16**	J	1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518

Sample ID: B4-SS-25 Soil (2104082-12) Sampled:04/08/21 10:08 Received:04/08/21 15:30

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	**1.55**	J	1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	04/14/21	04/15/21	CG	BD11518

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

File #:74354
Report Date: 06/22/21
Submitted: 04/08/21
PLS Report No.: 2104082

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Quality Control Data

Analyte		Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BD11518 - EPA 3050B											
Blank		**Prepared: 04/14/21 Analyzed: 04/15/21**									
Thallium		ND	2.00	mg/kg							
LCS		**Prepared: 04/14/21 Analyzed: 04/15/21**									
Thallium		52.0	2.00	mg/kg	49.90		104	80-120			
Matrix Spike	**Source: 2104082-01**	**Prepared: 04/14/21 Analyzed: 04/15/21**									
Thallium		45.8	2.00	mg/kg	49.90	1.27	89.2	75-125			
Matrix Spike Dup	**Source: 2104082-01**	**Prepared: 04/14/21 Analyzed: 04/15/21**									
Thallium		46.7	2.00	mg/kg	49.90	1.27	91.1	75-125	2.10	30	

Notes and Definitions

J	Detected but below the Practical Quantitation Limit; therefore, result is an estimated concentration (CLP J-Flag).
NA	Not Applicable
ND	Analyte NOT DETECTED at or above the reported limit(s)
NR	Not Reported
MDL	Method Detection Limit
PQL	Practical Quantitation Limit

Environmental Laboratory Accreditation Program Certificate No. 1131, Mobile Lab No. 2534, LACSD No. 10138

Rick Owen Parlier

Authorized Signature(s)

114599

POSITIVE LAB SERVICE

CHAIN OF CUSTODY AND ANALYSIS REQUEST

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

DATE: 4-8-2021 PAGE 1 OF 3

LOG BOOK NO. _____ FILE NO. _____ LAB NO. 2104482

CLIENT NAME: EFI GLOBAL Project Name/No. 45.06065 P.O. NO.

AIRBILL NO: _____ M. Lab Refrig

ADDRESS: ON FILE

ANALYSES REQUESTED:

~~COOLER~~ TEMP: 2.5°C

PROJECT MANAGER: DAN JABLONSKI PHONE NO: FAX NO:

PRESERVATIVE:

SAMPLER NAME: ELI ORTENBERG (Printed) (Signature)

REMARKS:

* Off Hold 04/12/21 per Eli O.

TAT (Analytical Turn Around Time): 0 = Same Day; 1 = 1 Day; 2 = 2 Days; 3 = 3 Days; N = Normal (5-7 Working Days)

CONTAINER TYPES: B = Brass, E = Encore, G = Glass, P = Plastic, V = VOA Vial, O = Other:

⊗ Addon 6/18/21 NTAT via e-mail

UST Project: Y N - Global ID# ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

	SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	MATRIX: SOIL	MATRIX: SLUDGE	MATRIX: OTHER	TAT	CONTAINER #	CONTAINER TYPE	TPHcc 8015M	VOCs 8260B	TCLP metals Cd/Cr/Pb/Ni	STLC Pb	TCLP Pb			HOLD	SAMPLE CONDITION/ CONTAINER /COMMENTS:
1	1	4.8.2021	1030	B1-SS-2		X				1/3	P/V								X	
2	2		1040	B1-SS-5								*	*	*						
3	3		1045	B1-SS-10																
4	4		1050	B1-SS-15								*	*	*						
5	5		1055	B1-SS-20																
6	6		1100	B1-SS-25								*	*	*						
7	7		828	B2-SS-2																
8	8		831	B2-SS-5								*	*	*	⊗	⊗				
9	9		840	B2-SS-10																
10	10		845	B2-SS-15								*	*	*						

Relinquished By: (Signature and Printed Name)	Received By: (Signature and Printed Name)	Date:	Time:
ELI ORTENBERG	Rick Owen Parker Rick Owen Parker	4-8-2021	1530
Rick Owen Parker	Guadalupe Tanaka	04/08/21	1805

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days

By _____ Date _____

SPECIAL INSTRUCTIONS:

PRESERVATIVE: 1-HNO3, 2-H2SO4, 3-HCL, 4-Zinc Acetate, 5-NaOH, 6-NH4 Buffer, 7-Other

LAB COPY

114600

POSITIVE LAB SERVICE

CHAIN OF CUSTODY AND ANALYSIS REQUEST

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

DATE: 4.8.2021 PAGE 2 OF 3

LOG BOOK NO. _____ FILE NO. _____ LAB NO. 204082

CLIENT NAME: EFI GLOBAL

Project Name/No. 45.06065

P.O. NO.

AIRBILL NO: M. Lab Refrig.

ADDRESS: SEE PAGE 1

ANALYSES REQUESTED:

~~COOLER~~ TEMP: 2.5°C

PROJECT MANAGER: PHONE NO: FAX NO:

PRESERVATIVE:

SAMPLER NAME: ELI ORTENBERG (Printed) (Signature)

REMARKS: ⊗ see Pg 1

TAT (Analytical Turn Around Time): 0 = Same Day; 1 = 1 Day; 2 = 2 Days; 3 = 3 Days; N = Normal (5-7 Working Days)

* Off Hold 04/12/21

CONTAINER TYPES: B = Brass, E = Encore, G = Glass, P = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID# ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

	SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	MATRIX: SOIL	MATRIX: SLUDGE	MATRIX: OTHER	TAT	CONTAINER #	CONTAINER TYPE	TPHcc 8015M	VOCs 8260B	TZZ metals 6010B/7471A	Cr6 7199				Hold	SAMPLE CONDITION/ CONTAINER /COMMENTS:
1	11	4.8.21	850	B2-SS-20		X				1/3	P/V									
2	12		854	B2-SS-25								*	*	*						
3	13		752	B3-SS-2																
4	14		755	B3-SS-5								*	*	*	⊗					
5	15		800	B3-SS-10																
6	16		805	B3-SS-15								*	*	*						
7	17		810	B3-SS-20																
8	18		815	B3-SS-25								*	*	*						
9	19		930	B4-SS-2																
10	20		933	B4-SS-5								*	*	*						

Relinquished By: (Signature and Printed Name)	Received By: (Signature and Printed Name)	Date:	Time:
Eli Ortenberg	Rick Owen Parker Rick Owen Parker	4.8.2021	1530
Rick Owen Parker	Guadalupe Tanaka	04/8/21	18:05

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days

By _____ Date _____

SPECIAL INSTRUCTIONS:

PRESERVATIVE: 1-HNO_3, 2-H_2SO_4, 3-HCL, 4-Zinc Acetate, 5-NaOH, 6-NH_4 Buffer, 7-Other

LAB COPY

114601

POSITIVE LAB SERVICE

CHAIN OF CUSTODY AND ANALYSIS REQUEST

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

DATE: 4-8-2021 PAGE 3 OF 3

LOG BOOK NO. _____ FILE NO. _____ LAB NO. 2010 4082

CLIENT NAME: EFI Global

Project Name/No. 45.06065

P.O. NO.

AIRBILL NO: _____
U.Lab Refrig

ADDRESS: SEE PAGE 1

ANALYSES REQUESTED:

~~COOLER~~ TEMP: 2.5C

PROJECT MANAGER: PHONE NO: FAX NO:

PRESERVATIVE:

SAMPLER NAME: Ez. Ortenberg (Printed) (Signature)

REMARKS:

* off Hold 04/12/21

TAT (Analytical Turn Around Time): 0 = Same Day; 1 = 1 Day; 2 = 2 Days; 3 = 3 Days; N = Normal (5-7 Working Days)

CONTAINER TYPES: B = Brass, E = Encore, G = Glass, P = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID# ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

	SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	MATRIX: SOIL	MATRIX: SLUDGE	MATRIX: OTHER	TAT	CONTAINER #	CONTAINER TYPE	TPH-cc 8015M	VOCs 8260B	TT2 Metals 6010B/7471A				Hold	SAMPLE CONDITION/ CONTAINER /COMMENTS:
1	21	4-8-2021	938	B4-SS-10		X				1/3	P/V							X	
2	22	↓	945	B4-SS-15		↓				↓	↓	*	*	*				↓	
3	23		955	B4-SS-20															
4	24	↓	1008	B4-SS-25		↓				↓	↓	*	*	*				↓	
5																			
6																			
7																			
8																			
9																			
10																			

Relinquished By: (Signature and Printed Name)	Received By: (Signature and Printed Name)	Date:	Time:
Ez Ortenberg	Rick Owen Parker Rick Owen Parker	4-8-2021	1530
Rick Owen Parker	Guadalupe Tanaka	04/08/21	18:05

SPECIAL INSTRUCTIONS:

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days

By _____ Date _____

PRESERVATIVE: 1-HNO_3, 2-H_2SO_4, 3-HCL, 4-Zinc Acetate, 5-NaOH, 6-NH_4 Buffer, 7-Other

LAB COPY

POSITIVE
LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

June 22, 2021

Daniel Jablonski
EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Report No.: 2106140

Project Name: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Dear Daniel Jablonski,

This report contains the analytical results for the sample(s) received under chain of custody(s) by Positive Lab Service on June 09, 2021.

The test results in this report are performed in compliance with ELAP accreditation requirements for the certified parameters. The laboratory report may not be produced, except in full, without the written approval of the laboratory.

The issuance of the final Certificate of Analysis takes precedence over any previous Preliminary Report. Preliminary data should not be used for regulatory purposes. Authorized signature(s) is provided on final report only.

If you have any questions in reference to this report, please contact your Positive Lab Service coordinator.

Project Manager

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

File #:74354
Report Date: 06/22/21
Submitted: 06/09/21
PLS Report No.: 2106140

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Sample ID: B5-SS-0.5 Soil (2106140-01) Sampled:06/08/21 07:20 Received:06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	ND		1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414

Sample ID: B5-SS-2.5 Soil (2106140-02) Sampled:06/08/21 07:35 Received:06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	**1.52**	J	1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414

Sample ID: B5-SS-4.5 Soil (2106140-03) Sampled:06/08/21 08:02 Received:06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	ND		1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414

Sample ID: B7-SS-0.5 Soil (2106140-04) Sampled:06/08/21 08:18 Received:06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	**1.19**	J	1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414

Sample ID: B7-SS-2.5 Soil (2106140-05) Sampled:06/08/21 08:25 Received:06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	**1.08**	J	1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414

Sample ID: B7-SS-4.5 Soil (2106140-06) Sampled:06/08/21 08:30 Received:06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	ND		1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414

Sample ID: B8-SS-0.5 Soil (2106140-07) Sampled:06/08/21 08:35 Received:06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	**2.13**		1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414

Sample ID: B8-SS-2.5 Soil (2106140-08) Sampled:06/08/21 08:44 Received:06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	ND		1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414

Sample ID: B8-SS-4.5 Soil (2106140-09) Sampled:06/08/21 08:56 Received:06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	**1.10**	J	1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414

Sample ID: B14-SS-0.5 Soil (2106140-10) Sampled:06/08/21 09:23 Received:06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	ND		1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414

Sample ID: B14-SS-2.5 Soil (2106140-11) Sampled:06/08/21 09:30 Received:06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	ND		1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414

Sample ID: B14-SS-4.5 Soil (2106140-12) Sampled:06/08/21 09:35 Received:06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	ND		1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414

Sample ID: B14-SS-4.5 D Soil (2106140-13) Sampled:06/08/21 09:35 Received:06/09/21 10:15

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

File #:74354
Report Date: 06/22/21
Submitted: 06/09/21
PLS Report No.: 2106140

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Sample ID: B14-SS-4.5 D Soil (2106140-13) Sampled:06/08/21 09:35 Received:06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	ND		1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414

Sample ID: B13-SS-0.5 Soil (2106140-14) Sampled:06/08/21 09:10 Received:06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	**1.20**	J	1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414

Sample ID: B13-SS-0.5 D Soil (2106140-15) Sampled:06/08/21 09:10 Received:06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	**1.26**	J	1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414

Sample ID: B13-SS-2.5 Soil (2106140-16) Sampled:06/08/21 09:12 Received:06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	ND		1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414

Sample ID: B13-SS-4.5 Soil (2106140-17) Sampled:06/08/21 09:15 Received:06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	ND		1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414

Sample ID: B6-SS-0.5 Soil (2106140-18) Sampled:06/08/21 08:41 Received:06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	ND		1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414

Sample ID: B6-SS-2.5 Soil (2106140-19) Sampled:06/08/21 08:53 Received:06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	ND		1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414

Sample ID: B6-SS-4.5 Soil (2106140-20) Sampled:06/08/21 08:57 Received:06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	ND		1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11414

Sample ID: B15-SS-0.5 Soil (2106140-22) Sampled:06/08/21 09:42 Received:06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	**1.22**	J	1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524

Sample ID: B15-SS-2.5 Soil (2106140-23) Sampled:06/08/21 11:00 Received:06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	**1.12**	J	1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524

Sample ID: B15-SS-4.5 Soil (2106140-24) Sampled:06/08/21 11:07 Received:06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	ND		1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524

Sample ID: B16-SS-0.5 Soil (2106140-25) Sampled:06/08/21 11:15 Received:06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	**1.02**	J	1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524

Sample ID: B16-SS-2.5 Soil (2106140-26) Sampled:06/08/21 11:25 Received:06/09/21 10:15

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

File #:74354
Report Date: 06/22/21
Submitted: 06/09/21
PLS Report No.: 2106140

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Sample ID: B16-SS-2.5 Soil (2106140-26) Sampled:06/08/21 11:25 Received:06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	ND		1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524

Sample ID: B16-SS-4.5 Soil (2106140-27) Sampled:06/08/21 11:27 Received:06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	ND		1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524

Sample ID: B16-SS-4.5 D Soil (2106140-28) Sampled:06/08/21 11:27 Received:06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	ND		1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524

Sample ID: B11-SS-0.5 Soil (2106140-29) Sampled:06/08/21 11:45 Received:06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	**1.77**	J	1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524

Sample ID: B11-SS-2.5 Soil (2106140-30) Sampled:06/08/21 12:00 Received:06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	ND		1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524

Sample ID: B11-SS-4.5 Soil (2106140-31) Sampled:06/08/21 12:17 Received:06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	ND		1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524

Sample ID: B10-SS-0.5 Soil (2106140-32) Sampled:06/08/21 12:29 Received:06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	ND		1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524

Sample ID: B10-SS-2.5 Soil (2106140-33) Sampled:06/08/21 12:42 Received:06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	ND		1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524

Sample ID: B10-SS-4.5 Soil (2106140-34) Sampled:06/08/21 12:49 Received:06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	**1.03**	J	1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524

Sample ID: B12-SS-0.5 Soil (2106140-35) Sampled:06/08/21 12:57 Received:06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	**1.16**	J	1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524

Sample ID: B12-SS-2.5 Soil (2106140-36) Sampled:06/08/21 13:05 Received:06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	**1.18**	J	1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524

Sample ID: B12-SS-4.5 Soil (2106140-37) Sampled:06/08/21 13:10 Received:06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	ND		1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524

Sample ID: B9-SS-0.5 Soil (2106140-38) Sampled:06/08/21 13:18 Received:06/09/21 10:15

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

File #:74354
Report Date: 06/22/21
Submitted: 06/09/21
PLS Report No.: 2106140

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Sample ID: B9-SS-0.5 Soil (2106140-38) Sampled:06/08/21 13:18 Received:06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	ND		1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524

Sample ID: B9-SS-0.5 D Soil (2106140-39) Sampled:06/08/21 13:18 Received:06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	ND		1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524

Sample ID: B9-SS-2.5 Soil (2106140-40) Sampled:06/08/21 13:39 Received:06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	ND		1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	06/14/21	06/14/21	CG	BF11524

Sample ID: B9-SS-4.5 Soil (2106140-41) Sampled:06/08/21 13:44 Received:06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	MDL	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Thallium	ND		1	mg/kg	1.00	2.00	EPA 3050B	EPA 6010B	06/11/21	06/11/21	CG	BF11415

POSITIVE LAB SERVICE

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(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

File #:74354
Report Date: 06/22/21
Submitted: 06/09/21
PLS Report No.: 2106140

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Quality Control Data

Analyte		Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BF11414 - EPA 3050B											
Blank		**Prepared & Analyzed: 06/11/21**									
Thallium		ND	2.00	mg/kg							
LCS		**Prepared & Analyzed: 06/11/21**									
Thallium		52.2	2.00	mg/kg	49.80		105	80-120			
Matrix Spike	**Source: 2106140-02**	**Prepared & Analyzed: 06/11/21**									
Thallium		42.6	2.00	mg/kg	49.80	1.52	82.6	75-125			
Matrix Spike Dup	**Source: 2106140-02**	**Prepared & Analyzed: 06/11/21**									
Thallium		42.5	2.00	mg/kg	49.80	1.52	82.2	75-125	0.431	30	
Batch BF11415 - EPA 3050B											
Blank		**Prepared & Analyzed: 06/11/21**									
Thallium		ND	2.00	mg/kg							
LCS		**Prepared & Analyzed: 06/11/21**									
Thallium		52.5	2.00	mg/kg	49.80		105	80-120			
Matrix Spike	**Source: 2106172-01**	**Prepared & Analyzed: 06/11/21**									
Thallium		45.6	2.00	mg/kg	49.80	ND	91.5	75-125			
Matrix Spike Dup	**Source: 2106172-01**	**Prepared & Analyzed: 06/11/21**									
Thallium		46.5	2.00	mg/kg	49.80	ND	93.4	75-125	2.02	30	
Batch BF11524 - EPA 3050B											
Blank		**Prepared & Analyzed: 06/14/21**									
Thallium		ND	2.00	mg/kg							
LCS		**Prepared & Analyzed: 06/14/21**									
Thallium		51.3	2.00	mg/kg	49.80		103	80-120			
Matrix Spike	**Source: 2106140-22**	**Prepared & Analyzed: 06/14/21**									
Thallium		45.4	2.00	mg/kg	49.80	1.22	88.8	75-125			
Matrix Spike Dup	**Source: 2106140-22**	**Prepared & Analyzed: 06/14/21**									
Thallium		45.0	2.00	mg/kg	49.80	1.22	87.8	75-125	1.05	30	

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Certificate of Analysis

File #:74354
Report Date: 06/22/21
Submitted: 06/09/21
PLS Report No.: 2106140

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Notes and Definitions

J	Detected but below the Practical Quantitation Limit; therefore, result is an estimated concentration (CLP J-Flag).
NA	Not Applicable
ND	Analyte NOT DETECTED at or above the reported limit(s)
NR	Not Reported
MDL	Method Detection Limit
PQL	Practical Quantitation Limit

Environmental Laboratory Accreditation Program Certificate No. 1131, Mobile Lab No. 2534, LACSD No. 10138

Rick Owen Parlier

Authorized Signature(s)

114523

POSITIVE LAB SERVICE

CHAIN OF CUSTODY AND ANALYSIS REQUEST

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

DATE: 6-8-21 PAGE 1 OF 45

LOG BOOK NO. _____ FILE NO. _____ LAB NO. 2106140

CLIENT NAME: EFI Global

Project Name/No. 319-327 N. Harbor, San Pedro

P.O. NO. 045.06520

AIRBILL NO: _____

ADDRESS: ON FILE

ANALYSES REQUESTED:

COOLER TEMP: 2°

PROJECT MANAGER: Dan Jablonski PHONE NO: FAX NO:

PRESERVATIVE:

SAMPLER NAME: Gabe Villanueva (Printed) (Signature)

REMARKS: ⊗Addon 6/18/21 NTAT via e-mail

TAT (Analytical Turn Around Time): 0 = Same Day; 1 = 1 Day; 2 = 2 Days; 3 = 3 Days; N = Normal (5-7 Working Days)

CONTAINER TYPES: B = Brass, E = Encore, G = Glass, P = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID# ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

	SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	MATRIX: SOIL	MATRIX: SLUDGE	MATRIX: OTHER	TAT	CONTAINER #	CONTAINER TYPE	Title 22 metals	CAM 17 6010B/7471A	TPHcc 8015M	STLC Ba	TCLP Ba				SAMPLE CONDITION/ CONTAINER /COMMENTS:
1	1	6-8-21	0720	BS-SS-0.5		X			5	1	G	X	X							
2	2		0735	BS-SS-2.5																
3	3		0802	BS-SS-4.5											⊗	⊗				
4	4		0818	B7-SS-0.5																
5	5		0825	B7-SS-2.5																
6	6		0830	B7-SS-4.5																
7	7		0875	B8-SS-0.5																
8	8		0844	B8-SS-2.5																
9	9		0856	B8-SS-4.5																
10	10		0923	B14-SS-0.5																

Relinquished By: (Signature and Printed Name) Gabriel Villanueva — Received By: (Signature and Printed Name) [signature] — Date: 6/9/21 — Time: 10:15

Relinquished By: (Signature and Printed Name) [signature] — Received By: (Signature and Printed Name) J. Gutierrez — Date: 6/9/21 — Time: 11:05

Relinquished By: (Signature and Printed Name) — Received By: (Signature and Printed Name) — Date: — Time:

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days

By _____ Date _____

SPECIAL INSTRUCTIONS:

PRESERVATIVE: 1-HNO_3, 2-H_2SO_4, 3-HCL, 4-Zinc Acetate, 5-NaOH, 6-NH_4 Buffer, 7-Other

LAB COPY

114524

POSITIVE LAB SERVICE

CHAIN OF CUSTODY AND ANALYSIS REQUEST

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

DATE: 6-8-21 PAGE 2 OF 5

LOG BOOK NO. _____ FILE NO. _____ LAB NO. 2106140

CLIENT NAME: EFI Global

Project Name/No. 319-327 N. Harbor, San Pedro

P.O. NO. 045.06320

AIRBILL NO: _____

ADDRESS: ON FILE

ANALYSES REQUESTED:

COOLER TEMP: 2°C

PROJECT MANAGER: Dan Jablonski PHONE NO: FAX NO:

PRESERVATIVE:

SAMPLER NAME: Gabe Villanueva (Printed) (Signature)

REMARKS: ⊗Addon 6/18/21 NTAT via e-mail

TAT (Analytical Turn Around Time): 0 = Same Day; 1 = 1 Day; 2 = 2 Days; 3 = 3 Days; N = Normal (5-7 Working Days)

CONTAINER TYPES: B = Brass, E = Encore, G = Glass, P = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID# ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

	SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	MATRIX: SOIL	MATRIX: SLUDGE	MATRIX: OTHER	TAT	CONTAINER #	CONTAINER TYPE	Title 22 metals + Ignitability, Corrosivity, Reactivity	Title 22 Boilerplate	STLC Pb	TCLP Pb					SAMPLE CONDITION/ CONTAINER /COMMENTS:
1	11	6-8-21	0930	B14-SS-2.5		X			5	1	G	X	X	⊗	⊗					
2	12	↓	0935	B14-SS-4.5		↓			↓	↓	↓	↓	↓							
3	13	↓	0935	B14-SS-4.5D		↓			↓	↓	↓	↓	↓							
4	14	↓	0910	B13-SS-0.5		↓			↓	↓	↓	↓	↓							
5	15	↓	0910	B13-SS-0.5D		↓			↓	↓	↓	↓	↓							
6	16	↓	0912	B13-SS-2.5		↓			↓	↓	↓	↓	↓							
7	17	↓	0915	B13-SS-4.5		↓			↓	↓	↓	↓	↓							
8	18	↓	0841	B6-SS-0.5		↓			↓	↓	↓	↓	↓							
9	19	↓	0853	B6-SS-2.5		↓			↓	↓	↓	↓	↓							
10	20	↓	0857	B6-SS-4.5		↓			↓	↓	↓	↓	↓							

Relinquished By: (Signature and Printed Name)	Received By: (Signature and Printed Name)	Date:	Time:
[signature]	[signature]	6/9/21	10:15
[signature]	[signature] J. Gutierrez	6/9/21	11:05

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days

By _____ Date _____

SPECIAL INSTRUCTIONS:

PRESERVATIVE: 1-HNO_3, 2-H_2SO_4, 3-HCL, 4-Zinc Acetate, 5-NaOH, 6-NH_4 Buffer, 7-Other

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114525

POSITIVE LAB SERVICE

CHAIN OF CUSTODY AND ANALYSIS REQUEST

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

DATE: 6-8-21 PAGE 3 OF ~~4~~ 5

LOG BOOK NO. _____ FILE NO. _____ LAB NO. 2106140

CLIENT NAME: EFI Global

Project Name/No. 319-377 N. Harbor, San Pedro

P.O. NO. 045-06520

AIRBILL NO: _____

ADDRESS: ON FILE

ANALYSES REQUESTED:

COOLER TEMP: 2°C

PROJECT MANAGER: Dan Jablonski

PHONE NO:

FAX NO:

PRESERVATIVE:

SAMPLER NAME: Gabe Villanueva (Printed) (Signature)

REMARKS: ⊗ see pg 2

TAT (Analytical Turn Around Time): 0 = Same Day; 1 = 1 Day; 2 = 2 Days; 3 = 3 Days; N = Normal (5-7 Working Days)

CONTAINER TYPES: B = Brass, E = Encore, G = Glass, P = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID# ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

	SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	MATRIX: SOIL	MATRIX: SLUDGE	MATRIX: OTHER	TAT	CONTAINER #	CONTAINER TYPE	Title 22 metals Cadmium 6010B/7471A	8015M	STLC Pb	TCLP Pb					SAMPLE CONDITION/ CONTAINER /COMMENTS:
1	21	6-8-21	1018	EB-1	X				5	5	G/P	X	X							
2	22	↓	0942	B15-SS-0.5		X			5	1	G	↓	↓	⊗	⊗					
3	23		1100	B15-SS-2.5		↓			↓	↓	↓									
4	24		1107	B15-SS-4.5																
5	25		1115	B16 ~~B16~~-SS-0.5																
6	26		1125	B16 ~~B16~~-SS-2.5																
7	27		1127	B16 ~~B16~~ SS-4.5																
8	28		1127	B16 ~~B16~~ SS-4.5D																
9	29		1145	B11-SS-0.5																
10	30	↓	1200	B11-SS-2.5		↓			↓	↓	↓	↓	↓							

Relinquished By: (Signature and Printed Name)	Received By: (Signature and Printed Name)	Date:	Time:
[signature]	[signature] Luis Gutierrez	6/9/21	1015 ~~1430~~
[signature] Luis Gutierrez	[signature] J. Gutierrez	6/9/21	11:05
Relinquished By: (Signature and Printed Name)	Received By: (Signature and Printed Name)	Date:	Time:

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days

By _____ Date _____

SPECIAL INSTRUCTIONS:

PRESERVATIVE: 1-HNO_3, 2-H_2SO_4, 3-HCL, 4-Zinc Acetate, 5-NaOH, 6-NH_4 Buffer, 7-Other

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114526

POSITIVE LAB SERVICE

CHAIN OF CUSTODY AND ANALYSIS REQUEST

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

DATE: 6-8-21 PAGE 4 OF 4 5

LOG BOOK NO. _____ FILE NO. _____ LAB NO. 2106140

CLIENT NAME: EFI Global

Project Name/No. 319-377 N. Harbor San Pedro

P.O. NO. 04T.06520

AIRBILL NO: _____

ADDRESS: ON FILE

ANALYSES REQUESTED:

COOLER TEMP: 2°C

PROJECT MANAGER: Dan Jablonski

PHONE NO:

FAX NO:

PRESERVATIVE:

SAMPLER NAME: Gabe Villanueva (Printed) (Signature)

REMARKS: ⊗ see Pg 1

TAT (Analytical Turn Around Time): 0 = Same Day; 1 = 1 Day; 2 = 2 Days; 3 = 3 Days; N = Normal (5-7 Working Days)

CONTAINER TYPES: B = Brass, E = Encore, G = Glass, P = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID# ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

	SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	MATRIX: SOIL	MATRIX: SLUDGE	MATRIX: OTHER	TAT	CONTAINER #	CONTAINER TYPE	Cannabinoids 6010B/7471A	TPH as 8015	STLC Ba	STEP Ba	STLC Cr	TCLP Cr	Cr6 7199		SAMPLE CONDITION/ CONTAINER /COMMENTS:
1	31	6-8-21	1217	B11-SS-4.5		X			5	1	G	X	X							
2	32		1229	B10-SS-0.5																
3	33		1242	B10-SS-2.5										⊗	⊗					
4	34		1249	B10-SS-4.5																
5	35		1257	B12-SS-0.5																
6	36		1305	B12-SS-2.5												⊗	⊗	⊗		
7	37		1310	B12-SS-4.5														⊗		
8	38		1318	B9-SS-0.5																
9	39		1318	B9-SS-0.5D																
10	40		1339	B9-SS-2.5 ~~B10~~																

Relinquished By: (Signature and Printed Name)	Received By: (Signature and Printed Name)	Date:	Time:
[signature]	[signature] Luis Gutierrez	6/9/21	10:15
[signature]	[signature] J. Gutierrez	6/9/21	11:05

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days

By _____ Date _____

SPECIAL INSTRUCTIONS:

PRESERVATIVE: 1-HNO3, 2-H2SO4, 3-HCL, 4-Zinc Acetate, 5-NaOH, 6-NH4 Buffer, 7-Other

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114527

POSITIVE LAB SERVICE

CHAIN OF CUSTODY AND ANALYSIS REQUEST

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

DATE: 6-8-21 PAGE 5 OF 5

LOG BOOK NO. _____ FILE NO. _____ LAB NO. 2106140

CLIENT NAME: EFI Global

Project Name/No. 319-327 N. Harbor San Pedro

P.O. NO. 045.0050

AIRBILL NO: _____

ADDRESS: ON FILE

ANALYSES REQUESTED:

COOLER TEMP: 2°

PROJECT MANAGER: Dan Jablonski

PHONE NO:

FAX NO:

PRESERVATIVE:

SAMPLER NAME: Gabe Villanueva (Printed) _____ (Signature)

REMARKS:

TAT (Analytical Turn Around Time): 0 = Same Day; 1 = 1 Day; 2 = 2 Days; 3 = 3 Days; N = Normal (5-7 Working Days)

CONTAINER TYPES: B = Brass, E = Encore, G = Glass, P = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID# ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

	SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX WATER	MATRIX SOIL	MATRIX SLUDGE	MATRIX OTHER	TAT	CONTAINER #	CONTAINER TYPE	Carbon Tetra 8010B/1671A	TPHd Boiler							SAMPLE CONDITION/ CONTAINER /COMMENTS:
1	41	6-8-21	1344	B9-SS-4.5 B10		Y			5	1	G	X	X							
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				

Relinquished By: (Signature and Printed Name)	Received By: (Signature and Printed Name)	Date:	Time:
[signature]	[signature]	6/8/21	10:15 1430
[signature]	[signature] J. Gutierrez	6/9/21	11:65

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days

By _____ Date _____

SPECIAL INSTRUCTIONS:

PRESERVATIVE: 1-HNO_3, 2-H_2SO_4, 3-HCL, 4-Zinc Acetate, 5-NaOH, 6-NH_4 Buffer, 7-Other

LAB COPY

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

June 25, 2021

Daniel Jablonski
EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Report No.: 2104082
Project Name: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Dear Daniel Jablonski,

This report contains the analytical results for the sample(s) received under chain of custody(s) by Positive Lab Service on April 08, 2021.

The test results in this report are performed in compliance with ELAP accreditation requirements for the certified parameters. The laboratory report may not be produced, except in full, without the written approval of the laboratory.

The issuance of the final Certificate of Analysis takes precedence over any previous Preliminary Report. Preliminary data should not be used for regulatory purposes. Authorized signature(s) is provided on final report only.

If you have any questions in reference to this report, please contact your Positive Lab Service coordinator.

D Sanchez

Project Manager

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

File #:74354
Report Date: 06/25/21
Submitted: 04/08/21
PLS Report No.: 2104082

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Sample ID: B2-SS-5 Soil (2104082-04) Sampled: 04/08/21 08:31 Received: 04/08/21 15:30

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Lead	**16.9**		1	mg/L	0.500	DHS WET	EPA 6010B	06/21/21	06/23/21	cg	BF12428
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Lead	ND		1	mg/L	0.500	EPA 1311	EPA 6010B	06/21/21	06/22/21	CG/DD	BF12336

Sample ID: B3-SS-5 Soil (2104082-07) Sampled: 04/08/21 07:55 Received: 04/08/21 15:30

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Chromium, Hexavalent	**0.683**	R4	1	mg/kg	0.200	EPA 3060A	EPA 7199	06/23/21	06/23/21	cg	BF12513

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

File #:74354
Report Date: 06/25/21
Submitted: 04/08/21
PLS Report No.: 2104082

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Quality Control Data

Analyte		Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BF12513 - EPA 3060A											
Blank		**Prepared & Analyzed: 06/23/21**									
Chromium, Hexavalent		ND	0.200	mg/kg							
LCS		**Prepared & Analyzed: 06/23/21**									
Chromium, Hexavalent		1.18	0.200	mg/kg	1.000		118	70-130			
Duplicate	**Source: 2106140-36**	**Prepared & Analyzed: 06/23/21**									
Chromium, Hexavalent		0.587	0.200	mg/kg		0.680			14.7	30	
Matrix Spike	**Source: 2106140-36**	**Prepared & Analyzed: 06/23/21**									
Chromium, Hexavalent		1.65	0.200	mg/kg	1.000	0.680	96.9	70-130			
Matrix Spike Dup	**Source: 2106140-36**	**Prepared & Analyzed: 06/23/21**									
Chromium, Hexavalent		1.73	0.200	mg/kg	1.000	0.680	105	70-130	8.06	30	
Batch BF12428 - DHS WET											
Blank		**Prepared: 06/21/21 Analyzed: 06/23/21**									
Lead		ND	0.500	mg/L							
LCS		**Prepared: 06/21/21 Analyzed: 06/23/21**									
Lead		4.61	0.500	mg/L	4.997		92.2	80-120			
Duplicate	**Source: 2106140-22**	**Prepared: 06/21/21 Analyzed: 06/23/21**									
Lead		20.6	0.500	mg/L		18.5			10.7	30	
Post Spike	**Source: 2106140-22**	**Prepared: 06/21/21 Analyzed: 06/23/21**									
Lead		22.7		mg/L	4.997	18.5	83.5	70-130			
Batch BF12336 - EPA 1311											
Blank		**Prepared: 06/21/21 Analyzed: 06/22/21**									
Lead		ND	0.500	mg/L							
LCS		**Prepared: 06/21/21 Analyzed: 06/22/21**									
Lead		2.44	0.500	mg/L	2.498		97.6	80-120			
Duplicate	**Source: 2106223-01**	**Prepared: 06/21/21 Analyzed: 06/22/21**									
Lead		ND	0.500	mg/L		ND				30	
Post Spike	**Source: 2106223-01**	**Prepared: 06/21/21 Analyzed: 06/22/21**									
Lead		2.30		mg/L	2.498	0.0109	91.6	70-130			

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
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Certificate of Analysis

File #:74354
Report Date: 06/25/21
Submitted: 04/08/21
PLS Report No.: 2104082

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Notes and Definitions

R4	Analysis requested past Holding Time.
NA	Not Applicable
ND	Analyte NOT DETECTED at or above the detection limit
NR	Not Reported
MDL	Method Detection Limit
PQL	Practical Quantitation Limit

Environmental Laboratory Accreditation Program Certificate No. 1131, Mobile Lab No. 2534, LACSD No. 10138

Rick Daren Parlier

Authorized Signature(s)

114599

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

CHAIN OF CUSTODY AND ANALYSIS REQUEST

DATE: 4-8-2021 PAGE 1 OF 3

LOG BOOK NO. _____ FILE NO. _____ LAB NO. 2104082

CLIENT NAME: EPI GLOBAL

Project Name/No. 45.86065

P.O. NO.

AIRBILL NO: _____

M. Lab Refrig

~~COOLER~~ TEMP: 2.5°C

ADDRESS: ON FILE

ANALYSES REQUESTED:

PROJECT MANAGER: DAN JABLONSKI PHONE NO: FAX NO:

PRESERVATIVE:

SAMPLER NAME: ELI ORTENBERG (Printed) (Signature)

REMARKS:

* Off Hold 04/12/21 per Eli O.

⊗ Addon 6/18/21 NTAT via e-mail

TAT (Analytical Turn Around Time): 0 = Same Day; 1 = 1 Day; 2 = 2 Days; 3 = 3 Days; N = Normal (5-7 Working Days)

CONTAINER TYPES: B = Brass, E = Encore, G = Glass, P = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID# ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

	SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	MATRIX: SOIL	MATRIX: SLUDGE	MATRIX: OTHER	TAT	CONTAINER #	CONTAINER TYPE	TPHlc 8015M	VOCs 8260B	TPZZ methods Ground Matrix	STLC Pb	TCLP Pb			HOLD	SAMPLE CONDITION/ CONTAINER /COMMENTS:
1	1	4-8-2021	1030	B1-SS-2		X				1/3	P/V								X	
2	2		1040	B1-SS-5								*	*	*						
3	3		1045	B1-SS-10																
4	4		1050	B1-SS-15								*	*	*						
5	5		1055	B1-SS-20																
6	6		1100	B1-SS-25								*	*	*						
7	7		828	B2-SS-2																
8	8		831	B2-SS-5								*	*	*	⊗	⊗				
9	9		840	B2-SS-10																
10	10		845	B2-SS-15								*	*	*						

Relinquished By: (Signature and Printed Name)	Received By: (Signature and Printed Name)	Date:	Time:
ELI ORTENBERG	Rick Owen Parker Rick Owen Parker	4-8-2021	1530
Rick Owen Parker	Guadalupe Tanaka	04/08/21	1805

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days

By _____ Date _____

SPECIAL INSTRUCTIONS:

PRESERVATIVE: 1-HNO_3, 2-H_2SO_4, 3-HCL, 4-Zinc Acetate, 5-NaOH, 6-NH_4 Buffer, 7-Other

LAB COPY

114600

POSITIVE LAB SERVICE

CHAIN OF CUSTODY AND ANALYSIS REQUEST

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

DATE: 4.8.2021 PAGE 2 OF 3

LOG BOOK NO. _____ FILE NO. _____ LAB NO. 2104082

CLIENT NAME: EFI GLOBAL

Project Name/No. 45.06065

P.O. NO.

AIRBILL NO: M. Lab Refrig.

ADDRESS: SEE PAGE 1

ANALYSES REQUESTED:

~~COOLER~~ TEMP: 2.5°C

PROJECT MANAGER: PHONE NO: FAX NO:

PRESERVATIVE:

SAMPLER NAME: ELI ORTENBERG (Printed) (Signature)

REMARKS: ⊗ see pg 1

TAT (Analytical Turn Around Time): 0 = Same Day; 1 = 1 Day; 2 = 2 Days; 3 = 3 Days; N = Normal (5-7 Working Days)

* Off Hold 04/12/21

CONTAINER TYPES: B = Brass, E = Encore, G = Glass, P = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID# ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

	SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	MATRIX: SOIL	MATRIX: SLUDGE	MATRIX: OTHER	TAT	CONTAINER #	CONTAINER TYPE	TPHcc 8015M	VOCs 8260B	TZZ metals 6010B/7471A	Cr6 7199				Hold	SAMPLE CONDITION/ CONTAINER /COMMENTS:
1	11	4.8.21	850	B2-SS-20		X				1/3	P/V									
2	12		854	B2-SS-25								*	*	*						
3	13		752	B3-SS-2																
4	14		755	B3-SS-5								*	*	*	⊗					
5	15		800	B3-SS-10																
6	16		805	B3-SS-15								*	*	*						
7	17		810	B3-SS-20																
8	18		815	B3-SS-25								*	*	*						
9	19		930	B4-SS-2																
10	20		933	B4-SS-5								*	*	*						

Relinquished By: (Signature and Printed Name)	Received By: (Signature and Printed Name)	Date:	Time:
Eli Ortenberg	Rick Owen Parker Rick Owen Parker	4.8.2021	1530
Rick Owen Parker	Guadalupe Tanaka	04/08/21	18:05

SPECIAL INSTRUCTIONS:

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days

By _____ Date _____

PRESERVATIVE: 1-HNO_3, 2-H_2SO_4, 3-HCL, 4-Zinc Acetate, 5-NaOH, 6-NH_4 Buffer, 7-Other

LAB COPY

114601

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

CHAIN OF CUSTODY AND ANALYSIS REQUEST

DATE: 4-8-2021 PAGE 3 OF 3

LOG BOOK NO. _____ FILE NO. _____ LAB NO. 2104082

CLIENT NAME: ETI Global

Project Name/No. 45.06065

P.O. NO.

AIRBILL NO: _____
U.Cab Refrig

ADDRESS: SEE PAGE 1

ANALYSES REQUESTED:

~~COOLER~~ TEMP: 2.5C

PROJECT MANAGER:

PHONE NO:

FAX NO:

PRESERVATIVE:

SAMPLER NAME: Ez. Orteneg (Printed) (Signature)

REMARKS:

* off Hold 04/12/21

TAT (Analytical Turn Around Time): 0 = Same Day; 1 = 1 Day; 2 = 2 Days; 3 = 3 Days; N = Normal (5-7 Working Days)

CONTAINER TYPES: B = Brass, E = Encore, G = Glass, P = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID# ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

	SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	MATRIX: SOIL	MATRIX: SLUDGE	MATRIX: OTHER	TAT	CONTAINER #	CONTAINER TYPE	TPH-CC 8015M	VOCs 8260B	T22 Metals 6010B/7471A				Hold	SAMPLE CONDITION/ CONTAINER /COMMENTS:
1	21	4-8-2021	938	B4-SS-10		X				1/3	P/V							X	
2	22	↓	945	B4-SS-15		↓				↓	↓	*	*	*				↓	
3	23		955	B4-SS-20															
4	24		1008	B4-SS-25								*	*	*					
5																			
6																			
7																			
8																			
9																			
10																			

Relinquished By: (Signature and Printed Name)	Received By: (Signature and Printed Name)	Date:	Time:
Ez Orteneg	Rick Owen Parker	4-8-2021	1530
Rick Owen Parker	Guadalupe Tanaka	04/08/21	18:05

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days

By _____ Date _____

SPECIAL INSTRUCTIONS:

PRESERVATIVE: 1-HNO_3, 2-H_2SO_4, 3-HCL, 4-Zinc Acetate, 5-NaOH, 6-NH_4 Buffer, 7-Other

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POSITIVE
LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

June 25, 2021

Daniel Jablonski
EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Report No.: 2106140
Project Name: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Dear Daniel Jablonski,

This report contains the analytical results for the sample(s) received under chain of custody(s) by Positive Lab Service on June 09, 2021.

The test results in this report are performed in compliance with ELAP accreditation requirements for the certified parameters. The laboratory report may not be produced, except in full, without the written approval of the laboratory.

The issuance of the final Certificate of Analysis takes precedence over any previous Preliminary Report. Preliminary data should not be used for regulatory purposes. Authorized signature(s) is provided on final report only.

If you have any questions in reference to this report, please contact your Positive Lab Service coordinator.

Project Manager

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

File #:74354
Report Date: 06/25/21
Submitted: 06/09/21
PLS Report No.: 2106140

Project: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Sample ID: B5-SS-4.5 Soil (2106140-03) Sampled: 06/08/21 08:02 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
Barium	**12.5**		1	mg/L	1.00	DHS WET	EPA 6010B	06/21/21	06/23/21	cg	BF12428
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
Barium	**2.51**		1	mg/L	1.00	EPA 1311	EPA 6010B	06/21/21	06/22/21	CG/DD	BF12336

Sample ID: B14-SS-2.5 Soil (2106140-11) Sampled: 06/08/21 09:30 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
Lead	**12.5**		1	mg/L	0.500	DHS WET	EPA 6010B	06/21/21	06/23/21	cg	BF12428
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
Lead	ND		1	mg/L	0.500	EPA 1311	EPA 6010B	06/21/21	06/22/21	CG/DD	BF12336

Sample ID: B15-SS-0.5 Soil (2106140-22) Sampled: 06/08/21 09:42 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
Lead	**18.5**		1	mg/L	0.500	DHS WET	EPA 6010B	06/21/21	06/23/21	cg	BF12428
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
Lead	ND		1	mg/L	0.500	EPA 1311	EPA 6010B	06/21/21	06/22/21	CG/DD	BF12336

Sample ID: B10-SS-2.5 Soil (2106140-33) Sampled: 06/08/21 12:42 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
Barium	**13.8**		1	mg/L	1.00	DHS WET	EPA 6010B	06/21/21	06/23/21	cg	BF12428
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
Barium	**2.76**		1	mg/L	1.00	EPA 1311	EPA 6010B	06/21/21	06/22/21	CG/DD	BF12336

Sample ID: B12-SS-2.5 Soil (2106140-36) Sampled: 06/08/21 13:05 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
Chromium, Hexavalent	**0.680**		1	mg/kg	0.200	EPA 3060A	EPA 7199	06/23/21	06/23/21	cg	BF12513
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
Chromium	ND		1	mg/L	0.500	DHS WET	EPA 6010B	06/21/21	06/23/21	cg	BF12428
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
Chromium	ND		1	mg/L	0.500	EPA 1311	EPA 6010B	06/21/21	06/22/21	CG/DD	BF12336

Sample ID: B12-SS-4.5 Soil (2106140-37) Sampled: 06/08/21 13:10 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
Chromium, Hexavalent	**0.720**		1	mg/kg	0.200	EPA 3060A	EPA 7199	06/23/21	06/23/21	cg	BF12513

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

File #:74354
Report Date: 06/25/21
Submitted: 06/09/21
PLS Report No.: 2106140

Project: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Quality Control Data

Analyte		Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BF12428 - DHS WET											
Blank		**Prepared: 06/21/21 Analyzed: 06/23/21**									
Barium		ND	1.00	mg/L							
LCS		**Prepared: 06/21/21 Analyzed: 06/23/21**									
Barium		18.5	1.00	mg/L	19.81		93.5	80-120			
Duplicate	**Source: 2106140-22**	**Prepared: 06/21/21 Analyzed: 06/23/21**									
Barium		4.74	1.00	mg/L		4.89			3.23	30	
Post Spike	**Source: 2106140-22**	**Prepared: 06/21/21 Analyzed: 06/23/21**									
Barium		22.6		mg/L	19.81	4.89	89.6	70-130			
Batch BF12513 - EPA 3060A											
Blank		**Prepared & Analyzed: 06/23/21**									
Chromium, Hexavalent		ND	0.200	mg/kg							
LCS		**Prepared & Analyzed: 06/23/21**									
Chromium, Hexavalent		1.18	0.200	mg/kg	1.000		118	70-130			
Duplicate	**Source: 2106140-36**	**Prepared & Analyzed: 06/23/21**									
Chromium, Hexavalent		0.587	0.200	mg/kg		0.680			14.7	30	
Matrix Spike	**Source: 2106140-36**	**Prepared & Analyzed: 06/23/21**									
Chromium, Hexavalent		1.65	0.200	mg/kg	1.000	0.680	96.9	70-130			
Matrix Spike Dup	**Source: 2106140-36**	**Prepared & Analyzed: 06/23/21**									
Chromium, Hexavalent		1.73	0.200	mg/kg	1.000	0.680	105	70-130	8.06	30	
Batch BF12428 - DHS WET											
Blank		**Prepared: 06/21/21 Analyzed: 06/23/21**									
Chromium		ND	0.500	mg/L							
Lead		ND	0.500	mg/L							
LCS		**Prepared: 06/21/21 Analyzed: 06/23/21**									
Chromium		1.86	0.500	mg/L	1.991		93.5	80-120			
Lead		4.61	0.500	mg/L	4.997		92.2	80-120			
Duplicate	**Source: 2106140-22**	**Prepared: 06/21/21 Analyzed: 06/23/21**									
Chromium		0.150	0.500	mg/L		0.149			0.476	30	
Lead		20.6	0.500	mg/L		18.5			10.7	30	
Post Spike	**Source: 2106140-22**	**Prepared: 06/21/21 Analyzed: 06/23/21**									
Chromium		1.99		mg/L	1.991	0.149	92.3	70-130			
Lead		22.7		mg/L	4.997	18.5	83.5	70-130			
Batch BF12336 - EPA 1311											
Blank		**Prepared: 06/21/21 Analyzed: 06/22/21**									
Barium		ND	1.00	mg/L							

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

File #:74354
Report Date: 06/25/21
Submitted: 06/09/21
PLS Report No.: 2106140

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Quality Control Data

Analyte		Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BF12336 - EPA 1311											
Chromium		ND	0.500	mg/L							
Lead		ND	0.500	mg/L							
LCS		**Prepared: 06/21/21 Analyzed: 06/22/21**									
Barium		9.63	1.00	mg/L	9.905		97.2	80-120			
Chromium		0.974	0.500	mg/L	0.9955		97.8	80-120			
Lead		2.44	0.500	mg/L	2.498		97.6	80-120			
Duplicate	**Source: 2106223-01**	**Prepared: 06/21/21 Analyzed: 06/22/21**									
Barium		3.59	1.00	mg/L		3.82			6.23	30	
Chromium		ND	0.500	mg/L		ND				30	
Lead		ND	0.500	mg/L		ND				30	
Post Spike	**Source: 2106223-01**	**Prepared: 06/21/21 Analyzed: 06/22/21**									
Barium		13.1		mg/L	9.905	3.82	94.1	70-130			
Chromium		0.951		mg/L	0.9955	0.00226	95.3	70-130			
Lead		2.30		mg/L	2.498	0.0109	91.6	70-130			

Notes and Definitions

NA	Not Applicable
ND	Analyte NOT DETECTED at or above the detection limit
NR	Not Reported
MDL	Method Detection Limit
PQL	Practical Quantitation Limit

Environmental Laboratory Accreditation Program Certificate No. 1131, Mobile Lab No. 2534, LACSD No. 10138

Rick Owen Parlier

Authorized Signature(s)

114523

POSITIVE LAB SERVICE

CHAIN OF CUSTODY AND ANALYSIS REQUEST

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

DATE: 6-8-21 PAGE 1 OF 45

LOG BOOK NO. _____ FILE NO. _____ LAB NO. 2106140

CLIENT NAME: EFI Global

Project Name/No. 319-327 N. Harbor, San Pedro

P.O. NO. 045.06520

AIRBILL NO: _____

ADDRESS: ON FILE

ANALYSES REQUESTED:

COOLER TEMP: 2°

PROJECT MANAGER: Dan Jablonski PHONE NO: FAX NO:

PRESERVATIVE:

SAMPLER NAME: Gabe Villanueva (Printed) (Signature)

REMARKS: ⊗ Addon 6/18/21 NTAT via e-mail

TAT (Analytical Turn Around Time): 0 = Same Day; 1 = 1 Day; 2 = 2 Days; 3 = 3 Days; N = Normal (5-7 Working Days)

CONTAINER TYPES: B = Brass, E = Encore, G = Glass, P = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID# ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

	SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	MATRIX: SOIL	MATRIX: SLUDGE	MATRIX: OTHER	TAT	CONTAINER #	CONTAINER TYPE	~~Title 22 Metals~~ Arsenic Cadmium Lead 6010B/7471A	TPH-HC 8015M	STLC Ba	TCLP Ba				SAMPLE CONDITION/ CONTAINER /COMMENTS:
1	1	6-8-21	0720	B5-SS-0.5		X			5	1	G	X	X						
2	2	↓	0735	B5-SS-2.5		↓			↓	↓	↓	↓	↓						
3	3	↓	0802	B5-SS-4.5		↓			↓	↓	↓	↓	↓	⊗	⊗				
4	4	↓	0818	B7-SS-0.5		↓			↓	↓	↓	↓	↓						
5	5	↓	0825	B7-SS-2.5		↓			↓	↓	↓	↓	↓						
6	6	↓	0830	B7-SS-4.5		↓			↓	↓	↓	↓	↓						
7	7	↓	0835	B8-SS-0.5		↓			↓	↓	↓	↓	↓						
8	8	↓	0844	B8-SS-2.5		↓			↓	↓	↓	↓	↓						
9	9	↓	0856	B8-SS-4.5		↓			↓	↓	↓	↓	↓						
10	10	↓	0923	B14-SS-0.5		↓			↓	↓	↓	↓	↓						

Relinquished By: (Signature and Printed Name)	Received By: (Signature and Printed Name)	Date:	Time:
Gabriel Villanueva	[illegible]	6/9/21	10:15
[illegible]	[illegible]	6/9/21	11:05

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days

By _____ Date _____

SPECIAL INSTRUCTIONS:

PRESERVATIVE: 1-HNO_3, 2-H_2SO_4, 3-HCL, 4-Zinc Acetate, 5-NaOH, 6-NH_4 Buffer, 7-Other

LAB COPY

114524

POSITIVE LAB SERVICE

CHAIN OF CUSTODY AND ANALYSIS REQUEST

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

DATE: 6-8-21 PAGE 2 OF 5

LOG BOOK NO. _____ FILE NO. _____ LAB NO. 2106140

CLIENT NAME: EPI Global

Project Name/No. 319-327 N. Harbor, San Pedro

P.O. NO. 045.06320

AIRBILL NO: _____

ADDRESS: ON FILE

ANALYSES REQUESTED:

COOLER TEMP: 2°C

PROJECT MANAGER: Dan Jablonski PHONE NO: FAX NO:

PRESERVATIVE:

SAMPLER NAME: Gabe Villanueva (Printed) (Signature)

REMARKS: ⊗ Add on 6/18/21 NTAT via e-mail

TAT (Analytical Turn Around Time): 0 = Same Day; 1 = 1 Day; 2 = 2 Days; 3 = 3 Days; N = Normal (5-7 Working Days)

CONTAINER TYPES: B = Brass, E = Encore, G = Glass, P = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID# ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

	SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	MATRIX: SOIL	MATRIX: SLUDGE	MATRIX: OTHER	TAT	CONTAINER #	CONTAINER TYPE	Title 22 metals ~~Cam 17~~ 6010B/7471A	Title 8015M	STLC Pb	TCLP Pb				SAMPLE CONDITION/ CONTAINER /COMMENTS:
1	11	6-8-21	0930	B14-SS-2.5		X			5	1	G	X	X	⊗	⊗				
2	12		0935	B14-SS-4.5															
3	13		0935	B14-SS-4.5 D															
4	14		0910	B13-SS-0.5															
5	15		0910	B13-SS-0.5D															
6	16		0912	B13-SS-2.5															
7	17		0915	B13-SS-4.5															
8	18		0841	B6-SS-0.5															
9	19		0853	B6-SS-2.5															
10	20		0857	B6-SS-4.5															

Relinquished By: (Signature and Printed Name)	Received By: (Signature and Printed Name)	Date:	Time:
[signature]	[signature]	6/9/21	10:15
[signature]	[signature] J. Gutierrez	6/9/21	11:05

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days

By _____ Date _____

SPECIAL INSTRUCTIONS:

PRESERVATIVE: 1-HNO_3, 2-H_2SO_4, 3-HCL, 4-Zinc Acetate, 5-NaOH, 6-NH_4 Buffer, 7-Other

LAB COPY

114525

POSITIVE LAB SERVICE

CHAIN OF CUSTODY AND ANALYSIS REQUEST

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

DATE: 6-8-21 PAGE 3 OF ~~4~~ 5

LOG BOOK NO. _____ FILE NO. _____ LAB NO. 2106140

CLIENT NAME: EFI Global

Project Name/No. 319-327 N. Harbor, San Pedro

P.O. NO. 045-06520

AIRBILL NO: _____

ADDRESS: ON FILE

ANALYSES REQUESTED:

COOLER TEMP: 2°C

PROJECT MANAGER: Dan Jablonski

PHONE NO:

FAX NO:

PRESERVATIVE:

SAMPLER NAME: Gabe Villanueva (Printed) (Signature)

REMARKS: ⊗ see pg 2

TAT (Analytical Turn Around Time): 0 = Same Day; 1 = 1 Day; 2 = 2 Days; 3 = 3 Days; N = Normal (5-7 Working Days)

CONTAINER TYPES: B = Brass, E = Encore, G = Glass, P = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID# ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

	SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	MATRIX: SOIL	MATRIX: SLUDGE	MATRIX: OTHER	TAT	CONTAINER #	CONTAINER TYPE	Title 22 metals Cadmium 6010B/7471A	8015m TPHc	STLC Pb	TCLP Pb					SAMPLE CONDITION/ CONTAINER /COMMENTS:
1	21	6-8-21	1018	EB-1	X				5	5	G/P	X	X							
2	22	↓	0942	B15-SS-0.5		X			5	1	G	↓	↓	⊗	⊗					
3	23		1100	B15-SS-2.5		↓			↓	↓	↓									
4	24		1107	B15-SS-4.5																
5	25		1115	B16 ~~B16~~-SS-0.5																
6	26		1125	B16 ~~B16~~-SS-2.5																
7	27		1127	B16 ~~B16~~ SS-4.5																
8	28		1127	B16 ~~B16~~ SS-4.5D																
9	29		1145	B11-SS-0.5																
10	30	↓	1200	B11-SS-2.5		↓			↓	↓	↓	↓	↓							

Relinquished By: (Signature and Printed Name)	Received By: (Signature and Printed Name)	Date	Time
[signature]	[signature]	6/9/21	1015 ~~1430~~
[signature]	[signature] J. Gutierrez	6/9/21	11:05

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days

By _____ Date _____

SPECIAL INSTRUCTIONS:

PRESERVATIVE: 1-HNO_3, 2-H_2SO_4, 3-HCL, 4-Zinc Acetate, 5-NaOH, 6-NH_4 Buffer, 7-Other

LAB COPY

114526

POSITIVE LAB SERVICE

CHAIN OF CUSTODY AND ANALYSIS REQUEST

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

DATE: 6-8-21 PAGE 4 OF 4 5

LOG BOOK NO. _____ FILE NO. _____ LAB NO. 2106140

CLIENT NAME: EFI Global

Project Name/No. 319-377 N. Harbor San Pedro

P.O. NO. 04 T. 06520

AIRBILL NO: _____

ADDRESS: ON FILE

COOLER TEMP: 2 °C

PROJECT MANAGER: Dan Jablonski

PHONE NO:

FAX NO:

PRESERVATIVE:

SAMPLER NAME: Gerik Villanueva (Printed) (Signature)

REMARKS: ⊗ see Pg 1

TAT (Analytical Turn Around Time): 0 = Same Day; 1 = 1 Day; 2 = 2 Days; 3 = 3 Days; N = Normal (5-7 Working Days)

CONTAINER TYPES: B = Brass, E = Encore, G = Glass, P = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID# ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

ANALYSES REQUESTED:

	SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	MATRIX: SOIL	MATRIX: SLUDGE	MATRIX: OTHER	TAT	CONTAINER #	CONTAINER TYPE	Cannabinoids 22 6010B/7471A	TPH-D 8015	STLC Ba	STEP Ba	STLC Cr	TCLP Cr	Cr6 7199		SAMPLE CONDITION/ CONTAINER /COMMENTS:
1	31	6-8-21	1217	B11-SS-4.5		X			5	1	G	X	X							
2	32	↓	1229	B10-SS-0.5		↓			↓	↓	↓	↓	↓							
3	33		1242	B10-SS-2.5										⊗	⊗					
4	34		1249	B10-SS-4.5																
5	35		1257	B12-SS-0.5																
6	36		1305	B12-SS-2.5												⊗	⊗	⊗		
7	37		1310	B12-SS-4.5														⊗		
8	38		1318	B9-SS-0.5																
9	39		1328	B9-SS-0.5D																
10	40	↓	1339	B9-SS-2.5 ~~B10~~		↓			↓	↓	↓	↓	↓							

Relinquished By: (Signature and Printed Name)	Received By: (Signature and Printed Name)	Date:	Time:
[signature]	[signature] Luis Gutierrez	6/9/21	10:15
[signature]	[signature] J. Gutierrez	6/9/21	11:05

SPECIAL INSTRUCTIONS:

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days

By _____ Date _____

PRESERVATIVE: 1-HNO3, 2-H2SO4, 3-HCL, 4-Zinc Acetate, 5-NaOH, 6-NH4 Buffer, 7-Other

LAB COPY

114527

POSITIVE LAB SERVICE

CHAIN OF CUSTODY AND ANALYSIS REQUEST

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

DATE: 6-8-21 PAGE 5 OF 5

LOG BOOK NO. _____ FILE NO. _____ LAB NO. 2106140

CLIENT NAME: EFI Global

Project Name/No. 319-727 N. Harbor San Pedro

P.O. NO. 045.0650

AIRBILL NO: _____

ADDRESS: ON FILE

ANALYSES REQUESTED:

COOLER TEMP: 2°

PROJECT MANAGER: Dan Jablonski

PHONE NO:

FAX NO:

PRESERVATIVE:

SAMPLER NAME: Gabe Villanueva (Printed) _____ (Signature)

REMARKS:

TAT (Analytical Turn Around Time): 0 = Same Day; 1 = 1 Day; 2 = 2 Days; 3 = 3 Days; N = Normal (5-7 Working Days)

CONTAINER TYPES: B = Brass, E = Encore, G = Glass, P = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID# ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

	SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	MATRIX: SOIL	MATRIX: SLUDGE	MATRIX: OTHER	TAT	CONTAINER #	CONTAINER TYPE	Carbon Tetra 22 8010B/1411A	TPHd Boise							SAMPLE CONDITION/ CONTAINER /COMMENTS:
1	41	6-8-21	1344	B9-SS-4.5 ~~B10~~		X			5	1	G	X	X							
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				

Relinquished By: (Signature and Printed Name)	Received By: (Signature and Printed Name)	Date:	Time:
		6/8/21	10:15
		6/8/21	14:30
	J. Gutierrez	6/9/21	11:65

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days

By _____ Date _____

SPECIAL INSTRUCTIONS:

PRESERVATIVE: 1-HNO_3, 2-H_2SO_4, 3-HCL, 4-Zinc Acetate, 5-NaOH, 6-NH_4 Buffer, 7-Other

LAB COPY

POSITIVE
LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

July 15, 2021

Daniel Jablonski
EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Report No.: 2104082
Project Name: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Dear Daniel Jablonski,

This report contains the analytical results for the sample(s) received under chain of custody(s) by Positive Lab Service on April 08, 2021.

The test results in this report are performed in compliance with ELAP accreditation requirements for the certified parameters. The laboratory report may not be produced, except in full, without the written approval of the laboratory.

The issuance of the final Certificate of Analysis takes precedence over any previous Preliminary Report. Preliminary data should not be used for regulatory purposes. Authorized signature(s) is provided on final report only.

If you have any questions in reference to this report, please contact your Positive Lab Service coordinator.

Project Manager

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

File #:74354
Report Date: 07/15/21
Submitted: 04/08/21
PLS Report No.: 2104082

Project: 045.06065 - 319/327 N. Harbor Blvd., San Pedro, CA

Sample ID: B3-SS-15 Soil (2104082-08) Sampled: 04/08/21 08:05 Received: 04/08/21 15:30

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Chromium, Hexavalent	**0.594**	R4	1	mg/kg	0.200	EPA 3060A	EPA 7199	07/14/21	07/14/21	cg	BG11527

Quality Control Data

Analyte		Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BG11527 - EPA 3060A											
Blank		**Prepared & Analyzed: 07/14/21**									
Chromium, Hexavalent		ND	0.200	mg/kg							
LCS		**Prepared & Analyzed: 07/14/21**									
Chromium, Hexavalent		1.12	0.200	mg/kg	1.000		112	70-130			
Duplicate	**Source: 2106140-01**	**Prepared & Analyzed: 07/14/21**									
Chromium, Hexavalent		0.336	0.200	mg/kg		0.364			8.11	30	
Matrix Spike	**Source: 2106140-01**	**Prepared & Analyzed: 07/14/21**									
Chromium, Hexavalent		1.34	0.200	mg/kg	1.000	0.364	98.0	70-130			
Matrix Spike Dup	**Source: 2106140-01**	**Prepared & Analyzed: 07/14/21**									
Chromium, Hexavalent		1.25	0.200	mg/kg	1.000	0.364	88.9	70-130	9.69	30	

Notes and Definitions

R4	Analysis requested past Holding Time.
NA	Not Applicable
ND	Analyte NOT DETECTED at or above the detection limit
NR	Not Reported
MDL	Method Detection Limit
PQL	Practical Quantitation Limit

Environmental Laboratory Accreditation Program Certificate No. 1131, Mobile Lab No. 2534, LACSD No. 10138

Authorized Signature(s)

114599

POSITIVE LAB SERVICE

CHAIN OF CUSTODY AND ANALYSIS REQUEST

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

DATE: 4-8-2021 PAGE 1 OF 3

LOG BOOK NO. _____ FILE NO. _____ LAB NO. 2104482

CLIENT NAME: EFI GLOBAL Project Name/No. 45.06065 P.O. NO.

AIRBILL NO: M. Lab Refrig

ADDRESS: ON FILE

ANALYSES REQUESTED:

~~COOLER~~ TEMP: 2.5C

PROJECT MANAGER: DAN JABLONSKI PHONE NO: FAX NO:

PRESERVATIVE:

SAMPLER NAME: ELI ORTENBERG (Printed) (Signature)

TAT (Analytical Turn Around Time): 0 = Same Day; 1 = 1 Day; 2 = 2 Days; 3 = 3 Days; N = Normal (5-7 Working Days)

CONTAINER TYPES: B = Brass, E = Encore, G = Glass, P = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID# ___

REMARKS:

* Off Hold 04/12/21 per Eli O.

⊗ Addon 6/18/21 NTAT via e-mail

	SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	MATRIX: SOIL	MATRIX: SLUDGE	MATRIX: OTHER	TAT	CONTAINER #	CONTAINER TYPE	TPHcc 8015M	VOCs 8260B	TPZ metals Gold/Platinum	STLC Pb	TCLP Pb			HOLD	SAMPLE CONDITION/ CONTAINER /COMMENTS:
1	1	4-8-2021	1039	B1-SS-2		X				1/3	P/V								X	
2	2		1040	B1-SS-5								*	*	*						
3	3		1045	B1-SS-10																
4	4		1050	B1-SS-15								*	*	*						
5	5		1055	B1-SS-20																
6	6		1100	B1-SS-25								*	*	*						
7	7		828	B2-SS-2																
8	8		831	B2-SS-5								*	*	*	⊗	⊗				
9	9		840	B2-SS-10																
10	10		845	B2-SS-15								*	*	*						

Relinquished By: (Signature and Printed Name)	Received By: (Signature and Printed Name)	Date:	Time:
ELI ORTENBERG	Rick Owen Parker Rick Owen Parker	4-8-2021	1530
Rick Owen Parker	Guadalupe Tanaka	04/08/21	1805

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days

By _____ Date _____

SPECIAL INSTRUCTIONS:

PRESERVATIVE: 1-HNO3, 2-H2SO4, 3-HCL, 4-Zinc Acetate, 5-NaOH, 6-NH4 Buffer, 7-Other

LAB COPY

114600

POSITIVE LAB SERVICE

CHAIN OF CUSTODY AND ANALYSIS REQUEST

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

DATE: 4.8.2021 PAGE 2 OF 3

LOG BOOK NO. _____ FILE NO. _____ LAB NO. 2104082

CLIENT NAME: ETI GLOBAL Project Name/No. 45.06065 P.O. NO.

AIRBILL NO: M. Lab Refrig.

ADDRESS: SEE PAGE 1

ANALYSES REQUESTED:

~~COOLER~~ TEMP: 2.5°C

PROJECT MANAGER: PHONE NO: FAX NO:

PRESERVATIVE:

SAMPLER NAME: ELI ORTENBERG (Printed) (Signature)

TAT (Analytical Turn Around Time): 0 = Same Day; 1 = 1 Day; 2 = 2 Days; 3 = 3 Days; N = Normal (5-7 Working Days)

CONTAINER TYPES: B = Brass, E = Encore, G = Glass, P = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID# ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

REMARKS:
⊗ see Pg 1
* Off Hold 04/12/21
⊗ addon 7/9/21 3day TAT

	SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	MATRIX: SOIL	MATRIX: SLUDGE	MATRIX: OTHER	TAT	CONTAINER #	CONTAINER TYPE	TPHcc 8015M	VOCs 8260B	TZ metals 6010B/7471A	Cr6 7199				Hold	SAMPLE CONDITION/ CONTAINER /COMMENTS:
1	11	4.8.21	850	B2-SS-20		X				1/3	P/V									
2	12		854	B2-SS-25								*	*	*						
3	13		752	B3-SS-2																
4	14		755	B3-SS-5								*	*	*	⊗					
5	15		800	B3-SS-10																
6	16		805	B3-SS-15								*	*	*	⊗					
7	17		810	B3-SS-20																
8	18		815	B3-SS-25								*	*	*						
9	19		930	B4-SS-2																
10	20		933	B4-SS-5								*	*	*						

Relinquished By: (Signature and Printed Name)	Received By: (Signature and Printed Name)	Date:	Time:
Eli Ortenberg	Rick Owen Parker Rick Owen Parker	4.8.2021	1530
Rick Owen Parker	Guadalupe Tanaka	04/08/21	18:05

SPECIAL INSTRUCTIONS:

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days

By _____ Date _____

PRESERVATIVE: 1-HNO_3, 2-H_2SO_4, 3-HCL, 4-Zinc Acetate, 5-NaOH, 6-NH_4 Buffer, 7-Other

LAB COPY

114601

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

CHAIN OF CUSTODY AND ANALYSIS REQUEST

DATE: 4-8-2021 PAGE 3 OF 3

LOG BOOK NO. _____ FILE NO. _____ LAB NO. 2104082

CLIENT NAME: EFI Global

Project Name/No. 45.06065

P.O. NO.

AIRBILL NO: _____ U.Cab Refrig

ADDRESS: SEE PAGE 1

ANALYSES REQUESTED:

~~COOLER~~ TEMP: 2.5C

PROJECT MANAGER: PHONE NO: FAX NO:

PRESERVATIVE:

SAMPLER NAME: Ez. Ortenberg (Printed) (Signature)

REMARKS:

* off Hold 04/12/21

TAT (Analytical Turn Around Time): 0 = Same Day; 1 = 1 Day; 2 = 2 Days; 3 = 3 Days; N = Normal (5-7 Working Days)

CONTAINER TYPES: B = Brass, E = Encore, G = Glass, P = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID# ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

	SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	MATRIX: SOIL	MATRIX: SLUDGE	MATRIX: OTHER	TAT	CONTAINER #	CONTAINER TYPE	TPH-CC 8015M	VOCs 8260B	T22 metals 6010B/7471A					Hold	SAMPLE CONDITION/ CONTAINER /COMMENTS:
1	21	4.8.2021	938	B4-SS-10		X				1/3	P/V								X	
2	22	↓	945	B4-SS-15		↓				↓	↓	*	*	*					↓	
3	23		955	B4-SS-20		↓				↓	↓								↓	
4	24	↓	1008	B4-SS-25		↓				↓	↓	*	*	*					↓	
5																				
6																				
7																				
8																				
9																				
10																				

Relinquished By: (Signature and Printed Name)	Received By: (Signature and Printed Name)	Date:	Time:
Ez Ortenberg	Rick Owen Parker Rick Owen Parker 4-8-2021		1530
Rick Owen Parker	Guadalupe Tanaka	04/08/21	18:05

SPECIAL INSTRUCTIONS:

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days

By _____ Date _____

PRESERVATIVE: 1-HNO3, 2-H2SO4, 3-HCL, 4-Zinc Acetate, 5-NaOH, 6-NH4 Buffer, 7-Other

LAB COPY

POSITIVE
LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

July 15, 2021

Daniel Jablonski
EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Report No.: 2106140
Project Name: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Dear Daniel Jablonski,

This report contains the analytical results for the sample(s) received under chain of custody(s) by Positive Lab Service on June 09, 2021.

The test results in this report are performed in compliance with ELAP accreditation requirements for the certified parameters. The laboratory report may not be produced, except in full, without the written approval of the laboratory.

The issuance of the final Certificate of Analysis takes precedence over any previous Preliminary Report. Preliminary data should not be used for regulatory purposes. Authorized signature(s) is provided on final report only.

If you have any questions in reference to this report, please contact your Positive Lab Service coordinator.

Project Manager

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

File #:74354
Report Date: 07/15/21
Submitted: 06/09/21
PLS Report No.: 2106140

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Sample ID: B5-SS-0.5 Soil (2106140-01) Sampled: 06/08/21 07:20 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Chromium, Hexavalent	**0.364**	R4	1	mg/kg	0.200	EPA 3060A	EPA 7199	07/14/21	07/14/21	cg	BG11527

Sample ID: B7-SS-0.5 Soil (2106140-04) Sampled: 06/08/21 08:18 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Chromium, Hexavalent	**0.432**	R4	1	mg/kg	0.200	EPA 3060A	EPA 7199	07/14/21	07/14/21	cg	BG11527

Sample ID: B8-SS-0.5 Soil (2106140-07) Sampled: 06/08/21 08:35 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Chromium, Hexavalent	**0.492**	R4	1	mg/kg	0.200	EPA 3060A	EPA 7199	07/14/21	07/14/21	cg	BG11527

Sample ID: B14-SS-0.5 Soil (2106140-10) Sampled: 06/08/21 09:23 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Chromium, Hexavalent	**0.726**	R4	1	mg/kg	0.200	EPA 3060A	EPA 7199	07/14/21	07/14/21	cg	BG11527

Sample ID: B16-SS-0.5 Soil (2106140-25) Sampled: 06/08/21 11:15 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Chromium, Hexavalent	**0.300**	R4	1	mg/kg	0.200	EPA 3060A	EPA 7199	07/14/21	07/14/21	cg	BG11527

Sample ID: B11-SS-0.5 Soil (2106140-29) Sampled: 06/08/21 11:45 Received: 06/09/21 10:15

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Chromium, Hexavalent	**0.244**	R4	1	mg/kg	0.200	EPA 3060A	EPA 7199	07/14/21	07/14/21	cg	BG11527

Quality Control Data

Analyte		Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BG11527 - EPA 3060A											
Blank		**Prepared & Analyzed: 07/14/21**									
Chromium, Hexavalent		ND	0.200	mg/kg							
LCS		**Prepared & Analyzed: 07/14/21**									
Chromium, Hexavalent		1.12	0.200	mg/kg	1.000		112	70-130			
Duplicate	**Source: 2106140-01**	**Prepared & Analyzed: 07/14/21**									
Chromium, Hexavalent		0.336	0.200	mg/kg		0.364			8.11	30	
Matrix Spike	**Source: 2106140-01**	**Prepared & Analyzed: 07/14/21**									
Chromium, Hexavalent		1.34	0.200	mg/kg	1.000	0.364	98.0	70-130			
Matrix Spike Dup	**Source: 2106140-01**	**Prepared & Analyzed: 07/14/21**									
Chromium, Hexavalent		1.25	0.200	mg/kg	1.000	0.364	88.9	70-130	9.69	30	

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

File #:74354
Report Date: 07/15/21
Submitted: 06/09/21
PLS Report No.: 2106140

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 045.06520 - 319-327 N. Harbor Blvd., San Pedro, CA

Notes and Definitions

R4	Analysis requested past Holding Time.
NA	Not Applicable
ND	Analyte NOT DETECTED at or above the detection limit
NR	Not Reported
MDL	Method Detection Limit
PQL	Practical Quantitation Limit

Environmental Laboratory Accreditation Program Certificate No. 1131, Mobile Lab No. 2534, LACSD No. 10138

Authorized Signature(s)

114523

POSITIVE LAB SERVICE

CHAIN OF CUSTODY AND ANALYSIS REQUEST

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

DATE: 6-8-21 PAGE 1 OF 45

LOG BOOK NO. _____ FILE NO. _____ LAB NO. 2106140

CLIENT NAME: EFI Global

Project Name/No. 319-327 N. Harbor, San Pedro

P.O. NO. 045.06520

AIRBILL NO: _____

ADDRESS: ON FILE

ANALYSES REQUESTED:

COOLER TEMP: 2°

PROJECT MANAGER: Dan Jablonski PHONE NO: FAX NO:

PRESERVATIVE:

SAMPLER NAME: Gabe Villanueva (Printed) (Signature)

TAT (Analytical Turn Around Time): 0 = Same Day; 1 = 1 Day; 2 = 2 Days; 3 = 3 Days; N = Normal (5-7 Working Days)

CONTAINER TYPES: B = Brass, E = Encore, G = Glass, P = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID# ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

REMARKS:
⊗ Add on 6/18/21 NTAT via e-mail
⊗ Add on 7/9/21 via e-mail 3day TAT

	SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	MATRIX: SOIL	MATRIX: SLUDGE	MATRIX: OTHER	TAT	CONTAINER #	CONTAINER TYPE	Title 22 Metals Cam 17 + 6010B/7471A	TPH-c 8015M	STLC Ba	TCLP Ba	~~Acrylic~~				SAMPLE CONDITION/ CONTAINER /COMMENTS:
1	1	6-8-21	0720	BS-SS-0.5		X			5	1	G	X	X			⊗				
2	2		0735	BS-SS-2.5																
3	3		0802	BS-SS-4.5										⊗	⊗					
4	4		0818	B7-SS-0.5												⊗				
5	5		0825	B7-SS-2.5																
6	6		0830	B7-SS-4.5																
7	7		0875	B8-SS-0.5												⊗				
8	8		0844	B8-SS-2.5																
9	9		0856	B8-SS-4.5																
10	10		0923	B14-SS-0.5												⊗				

Relinquished By: (Signature and Printed Name) Received By: (Signature and Printed Name) Date: 6/9/21 Time: 10:15

Relinquished By: (Signature and Printed Name) Received By: (Signature and Printed Name) J. Gutierrez Date: 6/9/21 Time: 11:05

Relinquished By: (Signature and Printed Name) Received By: (Signature and Printed Name) Date: Time:

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days

By _____ Date _____

SPECIAL INSTRUCTIONS:

PRESERVATIVE: 1-HNO_3, 2-H_2SO_4, 3-HCL, 4-Zinc Acetate, 5-NaOH, 6-NH_4 Buffer, 7-Other

LAB COPY

114524

POSITIVE LAB SERVICE

CHAIN OF CUSTODY AND ANALYSIS REQUEST

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

DATE: 6-8-21 PAGE 2 OF 5

LOG BOOK NO. _____ FILE NO. _____ LAB NO. 2106140

CLIENT NAME: EPI Global

Project Name/No. 319-327 N. Harbor, San Pedro

P.O. NO. 045.06520

AIRBILL NO: _____

ADDRESS: ON FILE

ANALYSES REQUESTED:

COOLER TEMP: 2°C

PROJECT MANAGER: Dan Jablonski PHONE NO: FAX NO:

PRESERVATIVE:

SAMPLER NAME: Gabe Villanueva (Printed) (Signature)

REMARKS: ⊗ Addon 6/18/21 NTAT via e-mail

TAT (Analytical Turn Around Time): 0 = Same Day; 1 = 1 Day; 2 = 2 Days; 3 = 3 Days; N = Normal (5-7 Working Days)

CONTAINER TYPES: B = Brass, E = Encore, G = Glass, P = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID# ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

	SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	MATRIX: SOIL	MATRIX: SLUDGE	MATRIX: OTHER	TAT	CONTAINER #	CONTAINER TYPE	Title 22 metals ~~Cam17~~ 6010B/7471A	Title 22 Boron	STLC Pb	TCLP Pb					SAMPLE CONDITION/ CONTAINER /COMMENTS:
1	11	6-8-21	0930	B14-SS-2.5		X			5	1	G	X	X	⊗	⊗					
2	12	↓	0935	B14-SS-4.5		↓			↓	↓	↓	↓	↓							
3	13	↓	0935	B14-SS-4.5 D		↓			↓	↓	↓	↓	↓							
4	14	↓	0910	B13-SS-0.5		↓			↓	↓	↓	↓	↓							
5	15	↓	0910	B13-SS-0.5D		↓			↓	↓	↓	↓	↓							
6	16	↓	0912	B13-SS-2.5		↓			↓	↓	↓	↓	↓							
7	17	↓	0915	B13-SS-4.5		↓			↓	↓	↓	↓	↓							
8	18	↓	0841	B6-SS-0.5		↓			↓	↓	↓	↓	↓							
9	19	↓	0853	B6-SS-2.5		↓			↓	↓	↓	↓	↓							
10	20	↓	0857	B6-SS-4.5		↓			↓	↓	↓	↓	↓							

Relinquished By: (Signature and Printed Name)	Received By: (Signature and Printed Name)	Date:	Time:
[signature]	[signature]	6/9/21	10:15
[signature]	[signature] J. Gutierrez	6/9/21	11:05
Relinquished By: (Signature and Printed Name)	Received By: (Signature and Printed Name)	Date:	Time:

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days

By _____ Date _____

SPECIAL INSTRUCTIONS:

PRESERVATIVE: 1-HNO_3, 2-H_2SO_4, 3-HCL, 4-Zinc Acetate, 5-NaOH, 6-NH_4 Buffer, 7-Other

LAB COPY

114525

POSITIVE LAB SERVICE

CHAIN OF CUSTODY AND ANALYSIS REQUEST

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

DATE: 6-8-21 PAGE 3 OF ~~4~~ 5

LOG BOOK NO. _____ FILE NO. _____ LAB NO. 2106140

CLIENT NAME: EFI Global

Project Name/No. 319-327 N. Harbor, San Pedro

P.O. NO. 045-06520

AIRBILL NO: _____

ADDRESS: ON FILE

COOLER TEMP: 2°C

PROJECT MANAGER: Dan Jablonski

PHONE NO:

FAX NO:

SAMPLER NAME: Gabe Villanueva (Printed) (Signature)

TAT (Analytical Turn Around Time): 0 = Same Day; 1 = 1 Day; 2 = 2 Days; 3 = 3 Days; N = Normal (5-7 Working Days)

CONTAINER TYPES: B = Brass, E = Encore, G = Glass, P = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID# ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

ANALYSES REQUESTED:

PRESERVATIVE:

REMARKS:
⊗ see pg 2
⊗ see pg 1

	SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX WATER	MATRIX SOIL	MATRIX SLUDGE	MATRIX OTHER	TAT	CONTAINER #	CONTAINER TYPE	Title 22 metals Cobalt Lithium / 7471A	7196 8015m	STLC Pb	TCLP Pb	Cr6				SAMPLE CONDITION/ CONTAINER /COMMENTS:
1	21	6-8-21	1018	EB-1	X				5	5	G/P	X	X							
2	22		0942	B15-SS-0.5		X			5	1	G			⊗	⊗					
3	23		1100	B15-SS-2.5																
4	24		1107	B15-SS-4.5																
5	25		1115	B16 ~~B16~~-SS-0.5												⊗				
6	26		1125	B16 ~~B16~~-SS-2.5																
7	27		1127	B16 ~~B16~~-SS-4.5																
8	28		1127	B16 ~~B16~~-SS-4.5D																
9	29		1145	B11-SS-0.5												⊗				
10	30		1200	B11-SS-2.5																

Relinquished By: (Signature and Printed Name)	Received By: (Signature and Printed Name)	Date:	Time:
[signature]	[signature] Luis Gutierrez	6/8/21	1015
[signature] Luis Gutierrez	[signature] J. Gutierrez	6/9/21	11:05
Relinquished By: (Signature and Printed Name)	Received By: (Signature and Printed Name)	Date:	Time:

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days

By _____ Date _____

SPECIAL INSTRUCTIONS:

PRESERVATIVE: 1-HNO_3, 2-H_2SO_4, 3-HCL, 4-Zinc Acetate, 5-NaOH, 6-NH_4 Buffer, 7-Other

LAB COPY

114526

POSITIVE LAB SERVICE

CHAIN OF CUSTODY AND ANALYSIS REQUEST

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

DATE: 6-8-21 PAGE 4 OF 4 5

LOG BOOK NO. _____ FILE NO. _____ LAB NO. 2106140

CLIENT NAME: EFI Global

Project Name/No. 319-327 N. Harbor San Pedro

P.O. NO. 04 T. 04520

AIRBILL NO: _____

ADDRESS: ON FILE

ANALYSES REQUESTED:

COOLER TEMP: 2 °C

PROJECT MANAGER: Dan Jablonski

PHONE NO:

FAX NO:

PRESERVATIVE:

SAMPLER NAME: Gabe Villanueva (Printed) (Signature)

REMARKS: ⊗ see pg 1

TAT (Analytical Turn Around Time): 0 = Same Day; 1 = 1 Day; 2 = 2 Days; 3 = 3 Days; N = Normal (5-7 Working Days)

CONTAINER TYPES: B = Brass, E = Encore, G = Glass, P = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID# ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

	SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX WATER	MATRIX SOIL	MATRIX SLUDGE	MATRIX OTHER	TAT	CONTAINER #	CONTAINER TYPE	Cannot Tune 22 6010B/7471A	T Plate 8015	STLC Ba	TCLP Ba	STLC Cr	TCLP Cr	Cr6 7199		SAMPLE CONDITION/ CONTAINER /COMMENTS:
1	31	6-8-21	1217	B11-SS-4.5		X			5	1	G	X	X							
2	32	↓	1229	B10-SS-0.5		↓			↓	↓	↓	↓	↓							
3	33		1242	B10-SS-2.5										⊗	⊗					
4	34		1249	B10-SS-4.5																
5	35		1257	B12-SS-0.5																
6	36		1305	B12-SS-2.5												⊗	⊗	⊗		
7	37		1310	B12-SS-4.5														⊗		
8	38		1318	B9-SS-0.5																
9	39		1318	B9-SS-0.5D																
10	40		1339	B9-SS-2.5 ~~B10~~																

Relinquished By: (Signature and Printed Name)	Received By: (Signature and Printed Name)	Date:	Time:
[signature]	[signature] Luis Gutierrez	6/9/21	10:15
[signature]	[signature] J. Gutierrez	6/9/21	11:05
Relinquished By: (Signature and Printed Name)	Received By: (Signature and Printed Name)	Date:	Time:

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days

By _____ Date _____

SPECIAL INSTRUCTIONS:

PRESERVATIVE: 1-HNO3, 2-H2SO4, 3-HCL, 4-Zinc Acetate, 5-NaOH, 6-NH4 Buffer, 7-Other

LAB COPY

114527

POSITIVE LAB SERVICE

CHAIN OF CUSTODY AND ANALYSIS REQUEST

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

DATE: 6-8-21 PAGE 5 OF 5

LOG BOOK NO. _____ FILE NO. _____ LAB NO. 2106140

CLIENT NAME: EFI Global

Project Name/No. 319-327 N. Harbor San Pedro

P.O. NO. 045.06510

AIRBILL NO: _____

ADDRESS: ON FILE

ANALYSES REQUESTED:

COOLER TEMP: 2°

PROJECT MANAGER: Dan Jablonski

PHONE NO:

FAX NO:

PRESERVATIVE:

SAMPLER NAME: Gary Villanueva (Printed) _____ (Signature)

REMARKS:

TAT (Analytical Turn Around Time): 0 = Same Day; 1 = 1 Day; 2 = 2 Days; 3 = 3 Days; N = Normal (5-7 Working Days)

CONTAINER TYPES: B = Brass, E = Encore, G = Glass, P = Plastic, V = VOA Vial, O = Other:

UST Project: Y N - Global ID# ___ ___ ___ ___ ___ ___ ___ ___ ___ ___

	SAMPLE NO.	DATE SAMPLED	TIME SAMPLED	SAMPLE DESCRIPTION	MATRIX: WATER	MATRIX: SOIL	MATRIX: SLUDGE	MATRIX: OTHER	TAT	CONTAINER #	CONTAINER TYPE	Carbon Tetra 8010B/1671A	TPH Boiler							SAMPLE CONDITION/ CONTAINER /COMMENTS:
1	41	6-8-21	1344	B9-SS-4.5		Y			5	1	G	X	X							
2																				
3																				
4																				
5																				
6																				
7																				
8																				
9																				
10																				

Relinquished By: (Signature and Printed Name)	Received By: (Signature and Printed Name)	Date:	Time:
[signature]	[signature]	6/8/21	10:15
[signature]	[signature] J. Gutierrez	6/8/21	11:65

SAMPLE DISPOSITION:
1. Samples returned to client? YES NO
2. Samples will not be stored over 30 days, unless additional storage time is requested.
3. Storage time requested: _____ days

By _____ Date _____

SPECIAL INSTRUCTIONS:

PRESERVATIVE: 1-HNO_3, 2-H_2SO_4, 3-HCL, 4-Zinc Acetate, 5-NaOH, 6-NH_4 Buffer, 7-Other

LAB COPY

POSITIVE
LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

July 06, 2021

Daniel Jablonski
EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Report No.: 2106286
Project Name: 319 North Harbor Blvd., San Pedro, CA

Dear Daniel Jablonski,

This report contains the analytical results for the sample(s) received under chain of custody(s) by Positive Lab Service on June 23, 2021.

The test results in this report are performed in compliance with ELAP accreditation requirements for the certified parameters. The laboratory report may not be produced, except in full, without the written approval of the laboratory.

The issuance of the final Certificate of Analysis takes precedence over any previous Preliminary Report. Preliminary data should not be used for regulatory purposes. Authorized signature(s) is provided on final report only.

If you have any questions in reference to this report, please contact your Positive Lab Service coordinator.

Project Manager

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

File #:74354
Report Date: 07/06/21
Submitted: 06/23/21
PLS Report No.: 2106286

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 319 North Harbor Blvd., San Pedro, CA

Sample ID: MW-1-062321 Water (2106286-01) Sampled: 06/23/21 08:34 Received: 06/23/21 13:18

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	ug/l	100	EPA 5030B	EPA 8015M	06/24/21	06/24/21	lk	BF12429
Surrogate: a,a,a-Trifluorotoluene	*106 %*			*63-144*		*EPA 5030B*	*EPA 8015M*	*06/24/21*	*06/24/21*	*lk*	*BF12429*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C13 - C22	ND		1	mg/L	0.500	EPA 3535A	EPA 8015M	06/24/21	06/25/21	lk	BF12435
TPH C23 - C32	ND		1	mg/L	2.50	EPA 3535A	EPA 8015M	06/24/21	06/25/21	lk	BF12435
TPH C33 - C36	ND		1	mg/L	10.0	EPA 3535A	EPA 8015M	06/24/21	06/25/21	lk	BF12435
Surrogate: n-Tetracosane	*92.9 %*			*46-116*		*EPA 3535A*	*EPA 8015M*	*06/24/21*	*06/25/21*	*lk*	*BF12435*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Dichlorodifluoromethane (FC-12)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Chloromethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Vinyl chloride (Chloroethylene)	ND		1	ug/l	0.500	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Bromomethane (Methyl bromide)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Chloroethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Trichlorofluoromethane (FC-11)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Ethanol	ND		1	ug/l	500	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,1-Dichloroethene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Carbon disulfide	ND		1	ug/l	5.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Methylene chloride (Dichloromethane)	ND		1	ug/l	5.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Acetone	ND		1	ug/l	10.0	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
trans-1,2-Dichloroethene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Methyl tert-butyl ether (MTBE)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Tert-butyl alcohol	ND		1	ug/l	5.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Di-isopropyl ether	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,1-Dichloroethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Ethyl tert-butyl ether	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Vinyl acetate	ND		1	ug/l	5.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
2,2-Dichloropropane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
cis-1,2-Dichloroethene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Bromochloromethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Chloroform	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Carbon tetrachloride	ND		1	ug/l	0.500	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,1,1-Trichloroethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,1-Dichloropropene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
2-Butanone (MEK)	ND		1	ug/l	5.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Benzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Tert-amyl methyl ether	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,2-Dichloroethane	ND		1	ug/l	0.500	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Trichloroethene (TCE)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Dibromomethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,2-Dichloropropane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Bromodichloromethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,4-Dioxane	ND		1	ug/l	25.0	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
2-Chloroethyl vinyl ether	ND		1	ug/l	5.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
cis-1,3-Dichloropropene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Toluene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Tetrachloroethene (PCE)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
4-Methyl-2-pentanone (MIBK)	ND		1	ug/l	5.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
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Certificate of Analysis

File #:74354
Report Date: 07/06/21
Submitted: 06/23/21
PLS Report No.: 2106286

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 319 North Harbor Blvd., San Pedro, CA

Sample ID: MW-1-062321 Water (2106286-01) Sampled: 06/23/21 08:34 Received: 06/23/21 13:18

trans-1,3-Dichloropropene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,1,2-Trichloroethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Dibromochloromethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,3-Dichloropropane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,2-Dibromoethane (EDB)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
2-Hexanone (MBK)	ND		1	ug/l	5.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Chlorobenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Ethylbenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,1,1,2-Tetrachloroethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
m,p-Xylene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
o-Xylene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Styrene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Bromoform (Tribromomethane)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Isopropylbenzene (Cumene)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Bromobenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
n-Propylbenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,1,2,2-Tetrachloroethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
2-Chlorotoluene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,2,3-Trichloropropane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,3,5-Trimethylbenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
4-Chlorotoluene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
tert-Butylbenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,2,4-Trimethylbenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
sec-Butylbenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
4-Isopropyltoluene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,3-Dichlorobenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,4-Dichlorobenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
n-Butylbenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,2-Dichlorobenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,2,4-Trichlorobenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Hexachlorobutadiene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Naphthalene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,2,3-Trichlorobenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Surrogate: Dibromofluoromethane	*88.7 %*			*67-120*		*EPA 5030B*	*EPA 8260B*	*06/24/21*	*06/24/21*	*rp*	*BF12506*
Surrogate: Toluene-d8	*97.5 %*			*80-120*		*EPA 5030B*	*EPA 8260B*	*06/24/21*	*06/24/21*	*rp*	*BF12506*
Surrogate: 4-Bromofluorobenzene	*101 %*			*76-120*		*EPA 5030B*	*EPA 8260B*	*06/24/21*	*06/24/21*	*rp*	*BF12506*

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Chromium, Hexavalent	**0.27**	P	1	ug/l	0.20		EPA 7199	06/23/21	06/23/21	cg	BF12512

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Beryllium	ND		1	ug/l	1.00	Dissolved	EPA 6020	06/28/21	07/02/21	cg	BG10625
Vanadium	**48.3**		1	ug/l	2.00	Dissolved	EPA 6020	06/28/21	07/02/21	cg	BG10625
Chromium	**14.2**		1	ug/l	2.00	Dissolved	EPA 6020	06/28/21	07/02/21	cg	BG10625
Cobalt	**2.55**		1	ug/l	1.00	Dissolved	EPA 6020	06/28/21	07/02/21	cg	BG10625
Nickel	**6.80**		5	ug/l	5.00	Dissolved	EPA 6020	06/28/21	07/02/21	cg	BG10625
Copper	**10.8**		5	ug/l	5.00	Dissolved	EPA 6020	06/28/21	07/02/21	cg	BG10625
Zinc	ND		5	ug/l	100	Dissolved	EPA 6020	06/28/21	07/02/21	cg	BG10625
Arsenic	ND		5	ug/l	10.0	Dissolved	EPA 6020	06/28/21	07/02/21	cg	BG10625

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File #:74354
Report Date: 07/06/21
Submitted: 06/23/21
PLS Report No.: 2106286

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 319 North Harbor Blvd., San Pedro, CA

Sample ID: MW-1-062321 Water (2106286-01) Sampled: 06/23/21 08:34 Received: 06/23/21 13:18

Selenium	ND		5	ug/l	10.0	Dissolved	EPA 6020	06/28/21	07/02/21	cg	BG10625
Molybdenum	**66.2**		5	ug/l	5.00	Dissolved	EPA 6020	06/28/21	07/02/21	cg	BG10625
Silver	ND		1	ug/l	1.00	Dissolved	EPA 6020	06/28/21	07/02/21	cg	BG10625
Cadmium	ND		1	ug/l	1.00	Dissolved	EPA 6020	06/28/21	07/02/21	cg	BG10625
Antimony	ND		1	ug/l	1.00	Dissolved	EPA 6020	06/28/21	07/02/21	cg	BG10625
Barium	**43.7**		1	ug/l	5.00	Dissolved	EPA 6020	06/28/21	07/02/21	cg	BG10625
Thallium	ND		1	ug/l	1.00	Dissolved	EPA 6020	06/28/21	07/02/21	cg	BG10625
Lead	**1.65**		1	ug/l	1.00	Dissolved	EPA 6020	06/28/21	07/02/21	cg	BG10625
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Beryllium	ND		1	ug/l	1.00	EPA 3010A	EPA 6020	06/28/21	07/02/21	cg	BG10624
Vanadium	**60.6**		1	ug/l	2.00	EPA 3010A	EPA 6020	06/28/21	07/02/21	cg	BG10624
Chromium	**19.2**		1	ug/l	2.00	EPA 3010A	EPA 6020	06/28/21	07/02/21	cg	BG10624
Cobalt	**4.17**		1	ug/l	1.00	EPA 3010A	EPA 6020	06/28/21	07/02/21	cg	BG10624
Nickel	**9.73**		1	ug/l	1.00	EPA 3010A	EPA 6020	06/28/21	07/02/21	cg	BG10624
Copper	**15.6**		1	ug/l	1.00	EPA 3010A	EPA 6020	06/28/21	07/02/21	cg	BG10624
Zinc	ND		1	ug/l	20.0	EPA 3010A	EPA 6020	06/28/21	07/02/21	cg	BG10624
Arsenic	ND		1	ug/l	2.00	EPA 3010A	EPA 6020	06/28/21	07/02/21	cg	BG10624
Selenium	ND		1	ug/l	2.00	EPA 3010A	EPA 6020	06/28/21	07/02/21	cg	BG10624
Molybdenum	**61.8**		1	ug/l	1.00	EPA 3010A	EPA 6020	06/28/21	07/02/21	cg	BG10624
Silver	ND		1	ug/l	1.00	EPA 3010A	EPA 6020	06/28/21	07/02/21	cg	BG10624
Cadmium	ND		1	ug/l	1.00	EPA 3010A	EPA 6020	06/28/21	07/02/21	cg	BG10624
Antimony	**1.16**		1	ug/l	1.00	EPA 3010A	EPA 6020	06/28/21	07/02/21	cg	BG10624
Barium	**105**		1	ug/l	5.00	EPA 3010A	EPA 6020	06/28/21	07/02/21	cg	BG10624
Thallium	ND		1	ug/l	1.00	EPA 3010A	EPA 6020	06/28/21	07/02/21	cg	BG10624
Lead	**2.28**		1	ug/l	1.00	EPA 3010A	EPA 6020	06/28/21	07/02/21	cg	BG10624
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	ND		1	ug/l	1.00	EPA 245.1	EPA 245.1	06/24/21	06/24/21	cg	BF12820
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury, Dissolved	ND		1	mg/L	0.001	Dissolved	EPA 245.1	06/24/21	06/24/21	vc	BF12819

Sample ID: MW2-062321 Water (2106286-02) Sampled: 06/23/21 10:31 Received: 06/23/21 13:18

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	ug/l	100	EPA 5030B	EPA 8015M	06/24/21	06/24/21	lk	BF12429
Surrogate: a,a,a-Trifluorotoluene	*96.8 %*			*63-144*		*EPA 5030B*	*EPA 8015M*	*06/24/21*	*06/24/21*	*lk*	*BF12429*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C13 - C22	ND		1	mg/L	0.500	EPA 3535A	EPA 8015M	06/24/21	06/25/21	lk	BF12435
TPH C23 - C32	ND		1	mg/L	2.50	EPA 3535A	EPA 8015M	06/24/21	06/25/21	lk	BF12435
TPH C33 - C36	ND		1	mg/L	10.0	EPA 3535A	EPA 8015M	06/24/21	06/25/21	lk	BF12435
Surrogate: n-Tetracosane	*84.0 %*			*46-116*		*EPA 3535A*	*EPA 8015M*	*06/24/21*	*06/25/21*	*lk*	*BF12435*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Dichlorodifluoromethane (FC-12)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Chloromethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Vinyl chloride (Chloroethylene)	ND		1	ug/l	0.500	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Bromomethane (Methyl bromide)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Chloroethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Trichlorofluoromethane (FC-11)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Ethanol	ND		1	ug/l	500	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506

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Project: 319 North Harbor Blvd., San Pedro, CA

Sample ID: MW2-062321 Water (2106286-02) Sampled: 06/23/21 10:31 Received: 06/23/21 13:18

1,1-Dichloroethene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Carbon disulfide	ND	1	ug/l	5.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Methylene chloride (Dichloromethane)	ND	1	ug/l	5.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Acetone	ND	1	ug/l	10.0	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
trans-1,2-Dichloroethene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Methyl tert-butyl ether (MTBE)	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Tert-butyl alcohol	ND	1	ug/l	5.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Di-isopropyl ether	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,1-Dichloroethane	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Ethyl tert-butyl ether	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Vinyl acetate	ND	1	ug/l	5.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
2,2-Dichloropropane	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
cis-1,2-Dichloroethene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Bromochloromethane	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Chloroform	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Carbon tetrachloride	ND	1	ug/l	0.500	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,1,1-Trichloroethane	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,1-Dichloropropene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
2-Butanone (MEK)	ND	1	ug/l	5.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Benzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Tert-amyl methyl ether	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,2-Dichloroethane	ND	1	ug/l	0.500	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Trichloroethene (TCE)	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Dibromomethane	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,2-Dichloropropane	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Bromodichloromethane	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,4-Dioxane	ND	1	ug/l	25.0	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
2-Chloroethyl vinyl ether	ND	1	ug/l	5.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
cis-1,3-Dichloropropene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Toluene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Tetrachloroethene (PCE)	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
4-Methyl-2-pentanone (MIBK)	ND	1	ug/l	5.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
trans-1,3-Dichloropropene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,1,2-Trichloroethane	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Dibromochloromethane	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,3-Dichloropropane	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,2-Dibromoethane (EDB)	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
2-Hexanone (MBK)	ND	1	ug/l	5.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Chlorobenzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Ethylbenzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,1,1,2-Tetrachloroethane	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
m,p-Xylene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
o-Xylene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Styrene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Bromoform (Tribromomethane)	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Isopropylbenzene (Cumene)	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Bromobenzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
n-Propylbenzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,1,2,2-Tetrachloroethane	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
2-Chlorotoluene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506

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Certificate of Analysis

File #:74354
Report Date: 07/06/21
Submitted: 06/23/21
PLS Report No.: 2106286

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 319 North Harbor Blvd., San Pedro, CA

Sample ID: MW2-062321 Water (2106286-02) Sampled: 06/23/21 10:31 Received: 06/23/21 13:18

1,2,3-Trichloropropane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,3,5-Trimethylbenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
4-Chlorotoluene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
tert-Butylbenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,2,4-Trimethylbenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
sec-Butylbenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
4-Isopropyltoluene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,3-Dichlorobenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,4-Dichlorobenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
n-Butylbenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,2-Dichlorobenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,2-Dibromo-3-chloropropane (DBCP)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,2,4-Trichlorobenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Hexachlorobutadiene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Naphthalene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,2,3-Trichlorobenzene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Surrogate: Dibromofluoromethane	*89.2 %*			*67-120*		*EPA 5030B*	*EPA 8260B*	*06/24/21*	*06/24/21*	*rp*	*BF12506*
Surrogate: Toluene-d8	*97.3 %*			*80-120*		*EPA 5030B*	*EPA 8260B*	*06/24/21*	*06/24/21*	*rp*	*BF12506*
Surrogate: 4-Bromofluorobenzene	*100 %*			*76-120*		*EPA 5030B*	*EPA 8260B*	*06/24/21*	*06/24/21*	*rp*	*BF12506*

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
Chromium, Hexavalent	**0.30**	P	1	ug/l	0.20		EPA 7199	06/23/21	06/23/21	cg	BF12512

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
Beryllium	ND		1	ug/l	1.00	Dissolved	EPA 6020	06/28/21	07/02/21	cg	BG10625
Vanadium	**46.6**		1	ug/l	2.00	Dissolved	EPA 6020	06/28/21	07/02/21	cg	BG10625
Chromium	**12.8**		1	ug/l	2.00	Dissolved	EPA 6020	06/28/21	07/02/21	cg	BG10625
Cobalt	ND		1	ug/l	1.00	Dissolved	EPA 6020	06/28/21	07/02/21	cg	BG10625
Nickel	ND		5	ug/l	5.00	Dissolved	EPA 6020	06/28/21	07/02/21	cg	BG10625
Copper	**22.0**		5	ug/l	5.00	Dissolved	EPA 6020	06/28/21	07/02/21	cg	BG10625
Zinc	ND		5	ug/l	100	Dissolved	EPA 6020	06/28/21	07/02/21	cg	BG10625
Arsenic	ND		5	ug/l	10.0	Dissolved	EPA 6020	06/28/21	07/02/21	cg	BG10625
Selenium	ND		5	ug/l	10.0	Dissolved	EPA 6020	06/28/21	07/02/21	cg	BG10625
Molybdenum	**164**		5	ug/l	5.00	Dissolved	EPA 6020	06/28/21	07/02/21	cg	BG10625
Silver	ND		1	ug/l	1.00	Dissolved	EPA 6020	06/28/21	07/02/21	cg	BG10625
Cadmium	ND		1	ug/l	1.00	Dissolved	EPA 6020	06/28/21	07/02/21	cg	BG10625
Antimony	**1.06**		1	ug/l	1.00	Dissolved	EPA 6020	06/28/21	07/02/21	cg	BG10625
Barium	**30.6**		1	ug/l	5.00	Dissolved	EPA 6020	06/28/21	07/02/21	cg	BG10625
Thallium	ND		1	ug/l	1.00	Dissolved	EPA 6020	06/28/21	07/02/21	cg	BG10625
Lead	ND		1	ug/l	1.00	Dissolved	EPA 6020	06/28/21	07/02/21	cg	BG10625

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test	Method	Prepared	Analyzed	By	Batch
Beryllium	ND		1	ug/l	1.00	EPA 3010A	EPA 6020	06/28/21	07/02/21	cg	BG10624
Vanadium	**82.3**		1	ug/l	2.00	EPA 3010A	EPA 6020	06/28/21	07/02/21	cg	BG10624
Chromium	**34.6**		1	ug/l	2.00	EPA 3010A	EPA 6020	06/28/21	07/02/21	cg	BG10624
Cobalt	**7.15**		1	ug/l	1.00	EPA 3010A	EPA 6020	06/28/21	07/02/21	cg	BG10624
Nickel	**19.6**		1	ug/l	1.00	EPA 3010A	EPA 6020	06/28/21	07/02/21	cg	BG10624
Copper	**41.0**		1	ug/l	1.00	EPA 3010A	EPA 6020	06/28/21	07/02/21	cg	BG10624
Zinc	**39.8**		1	ug/l	20.0	EPA 3010A	EPA 6020	06/28/21	07/02/21	cg	BG10624
Arsenic	ND		5	ug/l	10.0	EPA 3010A	EPA 6020	06/28/21	07/02/21	cg	BG10624
Selenium	ND		5	ug/l	10.0	EPA 3010A	EPA 6020	06/28/21	07/02/21	cg	BG10624

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Report Date: 07/06/21
Submitted: 06/23/21
PLS Report No.: 2106286

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 319 North Harbor Blvd., San Pedro, CA

Sample ID: MW2-062321 Water (2106286-02) Sampled: 06/23/21 10:31 Received: 06/23/21 13:18

Molybdenum	**166**		1	ug/l	1.00	EPA 3010A	EPA 6020	06/28/21	07/02/21	cg	BG10624
Silver	ND		1	ug/l	1.00	EPA 3010A	EPA 6020	06/28/21	07/02/21	cg	BG10624
Cadmium	ND		1	ug/l	1.00	EPA 3010A	EPA 6020	06/28/21	07/02/21	cg	BG10624
Antimony	**2.12**		1	ug/l	1.00	EPA 3010A	EPA 6020	06/28/21	07/02/21	cg	BG10624
Barium	**189**		1	ug/l	5.00	EPA 3010A	EPA 6020	06/28/21	07/02/21	cg	BG10624
Thallium	ND		1	ug/l	1.00	EPA 3010A	EPA 6020	06/28/21	07/02/21	cg	BG10624
Lead	**5.25**		1	ug/l	1.00	EPA 3010A	EPA 6020	06/28/21	07/02/21	cg	BG10624
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	ND		1	ug/l	1.00	EPA 245.1	EPA 245.1	06/24/21	06/24/21	cg	BF12820
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury, Dissolved	ND		1	mg/L	0.001	Dissolved	EPA 245.1	06/24/21	06/24/21	vc	BF12819

Sample ID: MW-3-062321 Water (2106286-03) Sampled: 06/23/21 12:06 Received: 06/23/21 13:18

Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C4 - C12	ND		1	ug/l	100	EPA 5030B	EPA 8015M	06/24/21	06/24/21	lk	BF12429
Surrogate: a,a,a-Trifluorotoluene	*97.0 %*			*63-144*		*EPA 5030B*	*EPA 8015M*	*06/24/21*	*06/24/21*	*lk*	*BF12429*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
TPH C13 - C22	ND		1	mg/L	0.500	EPA 3535A	EPA 8015M	06/24/21	06/25/21	lk	BF12435
TPH C23 - C32	ND		1	mg/L	2.50	EPA 3535A	EPA 8015M	06/24/21	06/25/21	lk	BF12435
TPH C33 - C36	ND		1	mg/L	10.0	EPA 3535A	EPA 8015M	06/24/21	06/25/21	lk	BF12435
Surrogate: n-Tetracosane	*92.4 %*			*46-116*		*EPA 3535A*	*EPA 8015M*	*06/24/21*	*06/25/21*	*lk*	*BF12435*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Dichlorodifluoromethane (FC-12)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Chloromethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Vinyl chloride (Chloroethylene)	ND		1	ug/l	0.500	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Bromomethane (Methyl bromide)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Chloroethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Trichlorofluoromethane (FC-11)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Ethanol	ND		1	ug/l	500	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,1-Dichloroethene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Carbon disulfide	ND		1	ug/l	5.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Methylene chloride (Dichloromethane)	ND		1	ug/l	5.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Acetone	ND		1	ug/l	10.0	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
trans-1,2-Dichloroethene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Methyl tert-butyl ether (MTBE)	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Tert-butyl alcohol	ND		1	ug/l	5.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Di-isopropyl ether	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,1-Dichloroethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Ethyl tert-butyl ether	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Vinyl acetate	ND		1	ug/l	5.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
2,2-Dichloropropane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
cis-1,2-Dichloroethene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Bromochloromethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Chloroform	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Carbon tetrachloride	ND		1	ug/l	0.500	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,1,1-Trichloroethane	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,1-Dichloropropene	ND		1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
2-Butanone (MEK)	ND		1	ug/l	5.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506

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Project: 319 North Harbor Blvd., San Pedro, CA

Sample ID: MW-3-062321 Water (2106286-03) Sampled: 06/23/21 12:06 Received: 06/23/21 13:18

Benzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Tert-amyl methyl ether	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,2-Dichloroethane	ND	1	ug/l	0.500	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Trichloroethene (TCE)	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Dibromomethane	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,2-Dichloropropane	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Bromodichloromethane	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,4-Dioxane	ND	1	ug/l	25.0	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
2-Chloroethyl vinyl ether	ND	1	ug/l	5.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
cis-1,3-Dichloropropene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Toluene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Tetrachloroethene (PCE)	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
4-Methyl-2-pentanone (MIBK)	ND	1	ug/l	5.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
trans-1,3-Dichloropropene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,1,2-Trichloroethane	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Dibromochloromethane	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,3-Dichloropropane	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,2-Dibromoethane (EDB)	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
2-Hexanone (MBK)	ND	1	ug/l	5.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Chlorobenzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Ethylbenzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,1,1,2-Tetrachloroethane	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
m,p-Xylene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
o-Xylene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Styrene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Bromoform (Tribromomethane)	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Isopropylbenzene (Cumene)	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Bromobenzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
n-Propylbenzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,1,2,2-Tetrachloroethane	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
2-Chlorotoluene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,2,3-Trichloropropane	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,3,5-Trimethylbenzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
4-Chlorotoluene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
tert-Butylbenzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,2,4-Trimethylbenzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
sec-Butylbenzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
4-Isopropyltoluene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,3-Dichlorobenzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,4-Dichlorobenzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
n-Butylbenzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,2-Dichlorobenzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,2-Dibromo-3-chloropropane (DBCP)	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,2,4-Trichlorobenzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Hexachlorobutadiene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Naphthalene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
1,2,3-Trichlorobenzene	ND	1	ug/l	1.00	EPA 5030B	EPA 8260B	06/24/21	06/24/21	rp	BF12506
Surrogate: Dibromofluoromethane	*94.2 %*		*67-120*		*EPA 5030B*	*EPA 8260B*	*06/24/21*	*06/24/21*	*rp*	*BF12506*
Surrogate: Toluene-d8	*96.7 %*		*80-120*		*EPA 5030B*	*EPA 8260B*	*06/24/21*	*06/24/21*	*rp*	*BF12506*

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

File #:74354
Report Date: 07/06/21
Submitted: 06/23/21
PLS Report No.: 2106286

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 319 North Harbor Blvd., San Pedro, CA

Sample ID: MW-3-062321 Water (2106286-03) Sampled: 06/23/21 12:06 Received: 06/23/21 13:18

Surrogate: 4-Bromofluorobenzene	*101 %*			*76-120*		*EPA 5030B*	*EPA 8260B*	*06/24/21*	*06/24/21*	*rp*	*BF12506*
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Chromium, Hexavalent	ND	P	1	ug/l	0.20		EPA 7199	06/23/21	06/23/21	cg	BF12512
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Beryllium	ND		1	ug/l	1.00	Dissolved	EPA 6020	06/28/21	07/02/21	cg	BG10625
Vanadium	**69.4**		5	ug/l	10.0	Dissolved	EPA 6020	06/28/21	07/02/21	cg	BG10625
Chromium	**21.9**		5	ug/l	10.0	Dissolved	EPA 6020	06/28/21	07/02/21	cg	BG10625
Cobalt	ND		5	ug/l	5.00	Dissolved	EPA 6020	06/28/21	07/02/21	cg	BG10625
Nickel	**11.0**		5	ug/l	5.00	Dissolved	EPA 6020	06/28/21	07/02/21	cg	BG10625
Copper	**37.8**		5	ug/l	5.00	Dissolved	EPA 6020	06/28/21	07/02/21	cg	BG10625
Zinc	ND		5	ug/l	100	Dissolved	EPA 6020	06/28/21	07/02/21	cg	BG10625
Arsenic	ND		5	ug/l	10.0	Dissolved	EPA 6020	06/28/21	07/02/21	cg	BG10625
Selenium	ND		5	ug/l	10.0	Dissolved	EPA 6020	06/28/21	07/02/21	cg	BG10625
Molybdenum	**137**		5	ug/l	5.00	Dissolved	EPA 6020	06/28/21	07/02/21	cg	BG10625
Silver	ND		1	ug/l	1.00	Dissolved	EPA 6020	06/28/21	07/02/21	cg	BG10625
Cadmium	ND		5	ug/l	5.00	Dissolved	EPA 6020	06/28/21	07/02/21	cg	BG10625
Antimony	ND		5	ug/l	5.00	Dissolved	EPA 6020	06/28/21	07/02/21	cg	BG10625
Barium	**37.8**		5	ug/l	25.0	Dissolved	EPA 6020	06/28/21	07/02/21	cg	BG10625
Thallium	ND		5	ug/l	5.00	Dissolved	EPA 6020	06/28/21	07/02/21	cg	BG10625
Lead	ND		5	ug/l	5.00	Dissolved	EPA 6020	06/28/21	07/02/21	cg	BG10625
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Beryllium	ND		5	ug/l	5.00	EPA 3010A	EPA 6020	06/28/21	07/02/21	cg	BG10624
Vanadium	**40.9**		1	ug/l	2.00	EPA 3010A	EPA 6020	06/28/21	07/02/21	cg	BG10624
Chromium	**17.6**		1	ug/l	2.00	EPA 3010A	EPA 6020	06/28/21	07/02/21	cg	BG10624
Cobalt	**3.01**		1	ug/l	1.00	EPA 3010A	EPA 6020	06/28/21	07/02/21	cg	BG10624
Nickel	**15.8**		5	ug/l	5.00	EPA 3010A	EPA 6020	06/28/21	07/02/21	cg	BG10624
Copper	**51.6**		5	ug/l	5.00	EPA 3010A	EPA 6020	06/28/21	07/02/21	cg	BG10624
Zinc	ND		5	ug/l	100	EPA 3010A	EPA 6020	06/28/21	07/02/21	cg	BG10624
Arsenic	ND		5	ug/l	10.0	EPA 3010A	EPA 6020	06/28/21	07/02/21	cg	BG10624
Selenium	ND		5	ug/l	10.0	EPA 3010A	EPA 6020	06/28/21	07/02/21	cg	BG10624
Molybdenum	**125**		1	ug/l	1.00	EPA 3010A	EPA 6020	06/28/21	07/02/21	cg	BG10624
Silver	ND		5	ug/l	5.00	EPA 3010A	EPA 6020	06/28/21	07/02/21	cg	BG10624
Cadmium	ND		5	ug/l	5.00	EPA 3010A	EPA 6020	06/28/21	07/02/21	cg	BG10624
Antimony	ND		5	ug/l	5.00	EPA 3010A	EPA 6020	06/28/21	07/02/21	cg	BG10624
Barium	**69.4**		5	ug/l	25.0	EPA 3010A	EPA 6020	06/28/21	07/02/21	cg	BG10624
Thallium	ND		5	ug/l	5.00	EPA 3010A	EPA 6020	06/28/21	07/02/21	cg	BG10624
Lead	ND		5	ug/l	5.00	EPA 3010A	EPA 6020	06/28/21	07/02/21	cg	BG10624
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury	ND		1	ug/l	1.00	EPA 245.1	EPA 245.1	06/24/21	06/24/21	cg	BF12820
Analyte	Results	Flag	D.F.	Units	PQL	Prep/Test Method		Prepared	Analyzed	By	Batch
Mercury, Dissolved	ND		1	mg/L	0.001	Dissolved	EPA 245.1	06/24/21	06/24/21	vc	BF12819

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Certificate of Analysis

File #:74354
Report Date: 07/06/21
Submitted: 06/23/21
PLS Report No.: 2106286

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 319 North Harbor Blvd., San Pedro, CA

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BF12429 - EPA 5030B										
Blank	**Prepared & Analyzed: 06/24/21**									
TPH C4 - C12	ND	100	ug/l							
Surrogate: a,a,a-Trifluorotoluene	*31.6*		ug/l	*30.00*		*105*	*63-144*			
LCS	**Prepared & Analyzed: 06/24/21**									
Gasoline	732	100	ug/l	909.6		80.4	68-115			
Matrix Spike **Source: 2106286-01**	**Prepared & Analyzed: 06/24/21**									
Gasoline	666	100	ug/l	909.6	ND	73.2	68-115			
Matrix Spike Dup **Source: 2106286-01**	**Prepared & Analyzed: 06/24/21**									
Gasoline	624	100	ug/l	909.6	ND	68.6	68-115	6.50	20	
Batch BF12435 - EPA 3535A										
Blank	**Prepared & Analyzed: 06/24/21**									
TPH C13 - C22	ND	0.125	mg/L							
TPH C23 - C32	ND	0.625	mg/L							
TPH C33 - C36	ND	2.50	mg/L							
Surrogate: n-Tetracosane	*0.331*		mg/L	*0.3125*		*106*	*46-116*			
LCS	**Prepared & Analyzed: 06/24/21**									
Diesel	6.33	0.500	mg/L	8.320		76.1	45-142			
Surrogate: n-Tetracosane	*0.295*		mg/L	*0.3125*		*94.5*	*39-149*			
LCS Dup	**Prepared & Analyzed: 06/24/21**									
Diesel	6.52	0.500	mg/L	8.320		78.3	45-142	2.93	25	
Surrogate: n-Tetracosane	*0.333*		mg/L	*0.3125*		*106*	*39-149*			
Batch BF12506 - EPA 5030B										
Blank	**Prepared & Analyzed: 06/24/21**									
Dichlorodifluoromethane (FC-12)	ND	1.00	ug/l							
Chloromethane	ND	1.00	ug/l							
Vinyl chloride (Chloroethylene)	ND	0.500	ug/l							
Bromomethane (Methyl bromide)	ND	1.00	ug/l							
Chloroethane	ND	1.00	ug/l							
Trichlorofluoromethane (FC-11)	ND	1.00	ug/l							
Ethanol	ND	500	ug/l							
1,1-Dichloroethene	ND	1.00	ug/l							
Carbon disulfide	ND	5.00	ug/l							
Methylene chloride (Dichloromethane)	ND	5.00	ug/l							
Acetone	ND	10.0	ug/l							
trans-1,2-Dichloroethene	ND	1.00	ug/l							
Methyl tert-butyl ether (MTBE)	ND	1.00	ug/l							
Tert-butyl alcohol	ND	5.00	ug/l							

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Project: 319 North Harbor Blvd., San Pedro, CA

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BF12506 - EPA 5030B										
Di-isopropyl ether	ND	1.00	ug/l							
1,1-Dichloroethane	ND	1.00	ug/l							
Ethyl tert-butyl ether	ND	1.00	ug/l							
Vinyl acetate	ND	5.00	ug/l							
2,2-Dichloropropane	ND	1.00	ug/l							
cis-1,2-Dichloroethene	ND	1.00	ug/l							
Bromochloromethane	ND	1.00	ug/l							
Chloroform	ND	1.00	ug/l							
Carbon tetrachloride	ND	0.500	ug/l							
1,1,1-Trichloroethane	ND	1.00	ug/l							
1,1-Dichloropropene	ND	1.00	ug/l							
2-Butanone (MEK)	ND	5.00	ug/l							
Benzene	ND	1.00	ug/l							
Tert-amyl methyl ether	ND	1.00	ug/l							
1,2-Dichloroethane	ND	0.500	ug/l							
Trichloroethene (TCE)	ND	1.00	ug/l							
Dibromomethane	ND	1.00	ug/l							
1,2-Dichloropropane	ND	1.00	ug/l							
Bromodichloromethane	ND	1.00	ug/l							
1,4-Dioxane	ND	25.0	ug/l							
2-Chloroethyl vinyl ether	ND	5.00	ug/l							
cis-1,3-Dichloropropene	ND	1.00	ug/l							
Toluene	ND	1.00	ug/l							
Tetrachloroethene (PCE)	ND	1.00	ug/l							
4-Methyl-2-pentanone (MIBK)	ND	5.00	ug/l							
trans-1,3-Dichloropropene	ND	1.00	ug/l							
1,1,2-Trichloroethane	ND	1.00	ug/l							
Dibromochloromethane	ND	1.00	ug/l							
1,3-Dichloropropane	ND	1.00	ug/l							
1,2-Dibromoethane (EDB)	ND	1.00	ug/l							
2-Hexanone (MBK)	ND	5.00	ug/l							
Chlorobenzene	ND	1.00	ug/l							
Ethylbenzene	ND	1.00	ug/l							
1,1,1,2-Tetrachloroethane	ND	1.00	ug/l							
m,p-Xylene	ND	1.00	ug/l							
o-Xylene	ND	1.00	ug/l							
Styrene	ND	1.00	ug/l							
Bromoform (Tribromomethane)	ND	1.00	ug/l							
Isopropylbenzene (Cumene)	ND	1.00	ug/l							
Bromobenzene	ND	1.00	ug/l							
n-Propylbenzene	ND	1.00	ug/l							

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Certificate of Analysis

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EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 319 North Harbor Blvd., San Pedro, CA

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BF12506 - EPA 5030B										
1,1,2,2-Tetrachloroethane	ND	1.00	ug/l							
2-Chlorotoluene	ND	1.00	ug/l							
1,2,3-Trichloropropane	ND	1.00	ug/l							
1,3,5-Trimethylbenzene	ND	1.00	ug/l							
4-Chlorotoluene	ND	1.00	ug/l							
tert-Butylbenzene	ND	1.00	ug/l							
1,2,4-Trimethylbenzene	ND	1.00	ug/l							
sec-Butylbenzene	ND	1.00	ug/l							
4-Isopropyltoluene	ND	1.00	ug/l							
1,3-Dichlorobenzene	ND	1.00	ug/l							
1,4-Dichlorobenzene	ND	1.00	ug/l							
n-Butylbenzene	ND	1.00	ug/l							
1,2-Dichlorobenzene	ND	1.00	ug/l							
1,2-Dibromo-3-chloropropane (DBCP)	ND	1.00	ug/l							
1,2,4-Trichlorobenzene	ND	1.00	ug/l							
Hexachlorobutadiene	ND	1.00	ug/l							
Naphthalene	ND	1.00	ug/l							
1,2,3-Trichlorobenzene	ND	1.00	ug/l							
Surrogate: Dibromofluoromethane	*9.37*		ug/l	*10.00*		*93.7*	*67-120*			
Surrogate: Toluene-d8	*9.74*		ug/l	*10.00*		*97.4*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*9.99*		ug/l	*10.00*		*99.9*	*76-120*			
LCS	**Prepared & Analyzed: 06/24/21**									
1,1-Dichloroethene	19.0	1.00	ug/l	20.00		95.0	77-138			
Methyl tert-butyl ether (MTBE)	20.4	1.00	ug/l	20.00		102	69-127			
Benzene	18.4	1.00	ug/l	20.00		91.8	80-124			
Trichloroethene (TCE)	18.8	1.00	ug/l	20.00		94.0	80-124			
1,4-Dioxane	116	25.0	ug/l	100.0		116	37-179			
Toluene	18.2	1.00	ug/l	20.00		90.8	80-122			
Chlorobenzene	18.8	1.00	ug/l	20.00		94.1	80-120			
Surrogate: Dibromofluoromethane	*9.82*		ug/l	*10.00*		*98.2*	*80-120*			
Surrogate: Toluene-d8	*9.86*		ug/l	*10.00*		*98.6*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*10.0*		ug/l	*10.00*		*100*	*80-120*			
Matrix Spike **Source: 2106286-01**	**Prepared & Analyzed: 06/24/21**									
1,1-Dichloroethene	22.7	1.00	ug/l	20.00	ND	113	56-150			
Benzene	21.5	1.00	ug/l	20.00	ND	108	63-134			
Trichloroethene (TCE)	21.3	1.00	ug/l	20.00	ND	107	62-141			
Toluene	19.5	1.00	ug/l	20.00	ND	97.7	68-128			
Chlorobenzene	19.4	1.00	ug/l	20.00	ND	97.0	68-126			
Surrogate: Dibromofluoromethane	*10.3*		ug/l	*10.00*		*103*	*72-120*			
Surrogate: Toluene-d8	*10.2*		ug/l	*10.00*		*102*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*9.83*		ug/l	*10.00*		*98.3*	*80-120*			

POSITIVE LAB SERVICE

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Certificate of Analysis

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Submitted: 06/23/21
PLS Report No.: 2106286

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 319 North Harbor Blvd., San Pedro, CA

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BF12506 - EPA 5030B										
Matrix Spike Dup Source: 2106286-01	**Prepared & Analyzed: 06/24/21**									
1,1-Dichloroethene	21.1	1.00	ug/l	20.00	ND	106	56-150	7.22	20	
Benzene	20.2	1.00	ug/l	20.00	ND	101	63-134	6.37	20	
Trichloroethene (TCE)	19.2	1.00	ug/l	20.00	ND	95.8	62-141	10.8	20	
Toluene	17.5	1.00	ug/l	20.00	ND	87.7	68-128	10.8	20	
Chlorobenzene	17.7	1.00	ug/l	20.00	ND	88.4	68-126	9.27	20	
Surrogate: Dibromofluoromethane	*10.7*		ug/l	*10.00*		*107*	*72-120*			
Surrogate: Toluene-d8	*10.0*		ug/l	*10.00*		*100*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*9.73*		ug/l	*10.00*		*97.3*	*80-120*			
Batch BF12512 - .										
Blank	**Prepared & Analyzed: 06/23/21**									
Chromium, Hexavalent	ND	0.20	ug/l							
LCS	**Prepared & Analyzed: 06/23/21**									
Chromium, Hexavalent	11.6	0.20	ug/l	12.00		96.3	85-115			
Duplicate Source: 2106286-01	**Prepared & Analyzed: 06/23/21**									
Chromium, Hexavalent	0.27	0.20	ug/l		0.27			0.00	20	
Matrix Spike Source: 2106286-01	**Prepared & Analyzed: 06/23/21**									
Chromium, Hexavalent	4.86	0.20	ug/l	5.000	0.27	91.8	80-120			
Matrix Spike Dup Source: 2106286-01	**Prepared & Analyzed: 06/23/21**									
Chromium, Hexavalent	4.96	0.20	ug/l	5.000	0.27	93.8	80-120	2.16	20	
Batch BG10625 - Dissolved										
Blank	**Prepared: 06/28/21 Analyzed: 07/02/21**									
Beryllium	ND	1.00	ug/l							
Vanadium	ND	2.00	ug/l							
Chromium	ND	2.00	ug/l							
Cobalt	ND	1.00	ug/l							
Nickel	ND	1.00	ug/l							
Copper	ND	1.00	ug/l							
Zinc	ND	20.0	ug/l							
Arsenic	ND	2.00	ug/l							
Selenium	ND	2.00	ug/l							
Molybdenum	ND	1.00	ug/l							
Silver	ND	1.00	ug/l							
Cadmium	ND	1.00	ug/l							
Antimony	ND	1.00	ug/l							
Barium	ND	5.00	ug/l							
Thallium	ND	1.00	ug/l							

POSITIVE LAB SERVICE

781 East Washington Blvd., Los Angeles, CA 90021
(213) 745-5312 FAX (213) 745-6372

Certificate of Analysis

File #:74354
Report Date: 07/06/21
Submitted: 06/23/21
PLS Report No.: 2106286

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 319 North Harbor Blvd., San Pedro, CA

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BG10625 - Dissolved										
Lead	ND	1.00	ug/l							
LCS	**Prepared: 06/28/21 Analyzed: 07/02/21**									
Beryllium	50.9	1.00	ug/l	50.30		101	85-115			
Vanadium	54.3	2.00	ug/l	50.55		107	85-115			
Chromium	52.9	2.00	ug/l	50.15		105	85-115			
Cobalt	53.5	1.00	ug/l	50.40		106	85-115			
Nickel	52.3	1.00	ug/l	50.65		103	85-115			
Copper	53.0	1.00	ug/l	50.00		106	85-115			
Zinc	55.4	20.0	ug/l	49.95		111	85-115			
Arsenic	52.4	2.00	ug/l	50.05		105	85-115			
Selenium	52.7	2.00	ug/l	50.80		104	85-115			
Molybdenum	51.1	1.00	ug/l	50.30		102	85-115			
Silver	51.4	1.00	ug/l	50.05		103	85-115			
Cadmium	53.8	1.00	ug/l	50.10		107	85-115			
Antimony	51.7	1.00	ug/l	50.15		103	85-115			
Barium	50.8	5.00	ug/l	49.95		102	85-115			
Thallium	48.7	1.00	ug/l	50.35		96.7	85-115			
Lead	50.0	1.00	ug/l	50.50		99.1	85-115			
Matrix Spike **Source: 2106286-02**	**Prepared: 06/28/21 Analyzed: 07/02/21**									
Beryllium	42.0	1.00	ug/l	50.30	ND	83.6	80-120			
Vanadium	94.4	2.00	ug/l	50.55	46.6	94.6	80-120			
Chromium	60.3	2.00	ug/l	50.15	12.8	94.9	80-120			
Cobalt	49.0	1.00	ug/l	50.40	0.780	95.6	80-120			
Nickel	54.2	5.00	ug/l	50.65	4.95	97.1	80-120			
Copper	68.6	5.00	ug/l	50.00	22.0	93.2	80-120			
Zinc	56.2	100	ug/l	49.95	13.2	86.1	80-120			
Arsenic	40.2	10.0	ug/l	50.05	ND	80.2	80-120			
Selenium	52.6	10.0	ug/l	50.80	7.75	88.2	80-120			
Molybdenum	219	5.00	ug/l	50.30	164	110	80-120			
Silver	40.9	1.00	ug/l	50.05	ND	81.7	80-120			
Cadmium	48.6	1.00	ug/l	50.10	0.250	96.5	80-120			
Antimony	51.2	1.00	ug/l	50.15	1.06	100	80-120			
Barium	78.2	5.00	ug/l	49.95	30.6	95.2	80-120			
Thallium	42.5	1.00	ug/l	50.35	ND	84.5	80-120			
Lead	43.2	1.00	ug/l	50.50	ND	85.5	80-120			
Matrix Spike Dup **Source: 2106286-02**	**Prepared: 06/28/21 Analyzed: 07/02/21**									
Beryllium	43.3	1.00	ug/l	50.30	ND	86.1	80-120	2.91	20	
Vanadium	98.1	2.00	ug/l	50.55	46.6	102	80-120	7.37	20	
Chromium	61.7	2.00	ug/l	50.15	12.8	97.6	80-120	2.86	20	
Cobalt	49.3	1.00	ug/l	50.40	0.780	96.2	80-120	0.600	20	

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Submitted: 06/23/21
PLS Report No.: 2106286

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 319 North Harbor Blvd., San Pedro, CA

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BG10625 - Dissolved										
Nickel	55.1	5.00	ug/l	50.65	4.95	99.0	80-120	1.91	20	
Copper	69.0	5.00	ug/l	50.00	22.0	94.1	80-120	0.961	20	
Zinc	57.2	100	ug/l	49.95	13.2	88.1	80-120	2.30	20	
Arsenic	44.2	10.0	ug/l	50.05	ND	88.2	80-120	9.49	20	
Selenium	53.1	10.0	ug/l	50.80	7.75	89.3	80-120	1.22	20	
Molybdenum	219	5.00	ug/l	50.30	164	110	80-120	0.271	20	
Silver	40.1	1.00	ug/l	50.05	ND	80.1	80-120	1.98	20	
Cadmium	49.0	1.00	ug/l	50.10	0.250	97.3	80-120	0.886	20	
Antimony	52.4	1.00	ug/l	50.15	1.06	102	80-120	2.27	20	
Barium	77.0	5.00	ug/l	49.95	30.6	92.8	80-120	2.58	20	
Thallium	43.0	1.00	ug/l	50.35	ND	85.4	80-120	1.05	20	
Lead	43.0	1.00	ug/l	50.50	ND	85.1	80-120	0.557	20	
Batch BG10624 - EPA 3010A										
Blank	**Prepared: 06/28/21 Analyzed: 07/02/21**									
Beryllium	ND	1.00	ug/l							
Vanadium	ND	2.00	ug/l							
Chromium	ND	2.00	ug/l							
Cobalt	ND	1.00	ug/l							
Nickel	ND	1.00	ug/l							
Copper	ND	1.00	ug/l							
Zinc	ND	20.0	ug/l							
Arsenic	ND	2.00	ug/l							
Selenium	ND	2.00	ug/l							
Molybdenum	ND	1.00	ug/l							
Silver	ND	1.00	ug/l							
Cadmium	ND	1.00	ug/l							
Antimony	ND	1.00	ug/l							
Barium	ND	5.00	ug/l							
Thallium	ND	1.00	ug/l							
Lead	ND	1.00	ug/l							
LCS	**Prepared: 06/28/21 Analyzed: 07/02/21**									
Beryllium	50.7	1.00	ug/l	50.30		101	85-115			
Vanadium	55.4	2.00	ug/l	50.55		110	85-115			
Chromium	54.3	2.00	ug/l	50.15		108	85-115			
Cobalt	54.2	1.00	ug/l	50.40		108	85-115			
Nickel	53.0	1.00	ug/l	50.65		105	85-115			
Copper	53.7	1.00	ug/l	50.00		107	85-115			
Zinc	56.2	20.0	ug/l	49.95		113	85-115			
Arsenic	52.2	2.00	ug/l	50.05		104	85-115			

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File #:74354
Report Date: 07/06/21
Submitted: 06/23/21
PLS Report No.: 2106286

EFI Global
5261 West Imperial Highway
Los Angeles, CA 90045

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 319 North Harbor Blvd., San Pedro, CA

Quality Control Data

Analyte	Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BG10624 - EPA 3010A										
Selenium	53.8	2.00	ug/l	50.80		106	85-115			
Molybdenum	54.0	1.00	ug/l	50.30		107	85-115			
Silver	51.5	1.00	ug/l	50.05		103	85-115			
Cadmium	57.5	1.00	ug/l	50.10		115	85-115			
Antimony	53.2	1.00	ug/l	50.15		106	85-115			
Barium	51.2	5.00	ug/l	49.95		102	85-115			
Thallium	50.5	1.00	ug/l	50.35		100	85-115			
Lead	51.9	1.00	ug/l	50.50		103	85-115			
Matrix Spike **Source: 2106286-03**	**Prepared: 06/28/21 Analyzed: 07/02/21**									
Beryllium	50.4	5.00	ug/l	50.30	ND	100	80-120			
Vanadium	93.4	2.00	ug/l	50.55	40.9	104	80-120			
Chromium	58.7	2.00	ug/l	50.15	17.6	82.0	80-120			
Cobalt	46.0	1.00	ug/l	50.40	3.01	85.4	80-120			
Nickel	64.8	5.00	ug/l	50.65	15.8	96.9	80-120			
Copper	113	5.00	ug/l	50.00	51.6	124	80-120			M
Zinc	62.0	100	ug/l	49.95	17.4	89.2	80-120			
Arsenic	57.8	10.0	ug/l	50.05	7.45	100	80-120			
Selenium	47.4	10.0	ug/l	50.80	ND	93.4	80-120			
Molybdenum	170	1.00	ug/l	50.30	125	90.1	80-120			
Silver	42.4	5.00	ug/l	50.05	ND	84.7	80-120			
Cadmium	45.0	5.00	ug/l	50.10	ND	89.9	80-120			
Antimony	52.5	5.00	ug/l	50.15	ND	105	80-120			
Barium	113	25.0	ug/l	49.95	69.4	86.4	80-120			
Thallium	44.1	5.00	ug/l	50.35	ND	87.6	80-120			
Lead	46.1	5.00	ug/l	50.50	1.05	89.2	80-120			
Matrix Spike Dup **Source: 2106286-03**	**Prepared: 06/28/21 Analyzed: 07/02/21**									
Beryllium	50.6	5.00	ug/l	50.30	ND	100	80-120	0.396	20	
Vanadium	92.4	2.00	ug/l	50.55	40.9	102	80-120	1.98	20	
Chromium	58.9	2.00	ug/l	50.15	17.6	82.4	80-120	0.534	20	
Cobalt	45.5	1.00	ug/l	50.40	3.01	84.2	80-120	1.36	20	
Nickel	64.6	5.00	ug/l	50.65	15.8	96.3	80-120	0.613	20	
Copper	135	5.00	ug/l	50.00	51.6	166	80-120	29.3	20	M
Zinc	65.9	100	ug/l	49.95	17.4	97.1	80-120	8.49	20	
Arsenic	56.6	10.0	ug/l	50.05	7.45	98.2	80-120	2.31	20	
Selenium	48.2	10.0	ug/l	50.80	ND	94.8	80-120	1.46	20	
Molybdenum	169	1.00	ug/l	50.30	125	86.5	80-120	4.10	20	
Silver	44.4	5.00	ug/l	50.05	ND	88.8	80-120	4.72	20	
Cadmium	44.8	5.00	ug/l	50.10	ND	89.5	80-120	0.445	20	
Antimony	53.0	5.00	ug/l	50.15	ND	106	80-120	0.948	20	
Barium	115	25.0	ug/l	49.95	69.4	90.5	80-120	4.64	20	

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File #:74354
Report Date: 07/06/21
Submitted: 06/23/21
PLS Report No.: 2106286

Attn: Daniel Jablonski Phone: (310) 854-6300 FAX:(310) 854-0199

Project: 319 North Harbor Blvd., San Pedro, CA

Quality Control Data

Analyte		Result	PQL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Qualifier
Batch BG10624 - EPA 3010A											
Thallium		44.2	5.00	ug/l	50.35	ND	87.9	80-120	0.340	20	
Lead		47.4	5.00	ug/l	50.50	1.05	91.7	80-120	2.74	20	
Batch BF12820 - EPA 245.1											
Blank		**Prepared & Analyzed: 06/24/21**									
Mercury		ND	1.00	ug/l							
LCS		**Prepared & Analyzed: 06/24/21**									
Mercury		4.71	1.00	ug/l	5.020		93.8	85-115			
Duplicate	**Source: 2106286-01**	**Prepared & Analyzed: 06/24/21**									
Mercury		ND	1.00	ug/l		ND				20	
Matrix Spike	**Source: 2106286-01**	**Prepared & Analyzed: 06/24/21**									
Mercury		4.28	1.00	ug/l	5.020	ND	85.3	80-120			
Batch BF12819 - Dissolved											
Blank		**Prepared & Analyzed: 06/24/21**									
Mercury, Dissolved		ND	0.001	mg/L							
LCS		**Prepared & Analyzed: 06/24/21**									
Mercury, Dissolved		0.005	0.001	mg/L	0.005020		103	85-115			
Duplicate	**Source: 2106286-02**	**Prepared & Analyzed: 06/24/21**									
Mercury, Dissolved		ND	0.001	mg/L		ND				20	
Matrix Spike	**Source: 2106286-02**	**Prepared & Analyzed: 06/24/21**									
Mercury, Dissolved		0.005	0.001	mg/L	0.005020	ND	99.6	80-120			

Notes and Definitions

P	Sample was collected into preserved container.
M	Matrix interference
NA	Not Applicable
ND	Analyte NOT DETECTED at or above the detection limit
NR	Not Reported
MDL	Method Detection Limit
PQL	Practical Quantitation Limit

Environmental Laboratory Accreditation Program Certificate No. 1131, Mobile Lab No. 2534, LACSD No. 10138

Rick Owen Parlier

Authorized Signature(s)

BLAINE
TECH SERVICES, INC.

1680 ROGERS AVENUE
SAN JOSE, CALIFORNIA 95112-1105
FAX (408) 573-7771
PHONE (408) 573-0555

CHAIN OF CUSTODY

CLIENT EFI Global

SITE 319 North Harbor Blvd
San Pedro, CA

CONDUCT ANALYSIS TO DETECT

LAB Positive 21062986 DHS #

MUST MEET SPECIFICATIONS

SPECIAL INSTRUCTIONS
⊗ same ~~any~~ analysis as total crb. Client was informed.

Invoice and Report to: Daniel Jablonski | Senior Project Manager
EFI Global, Inc.
Los Angeles, CA
OFFICE 310.854.6300 | FAX 310.854.0199
CELL 310.339.4269 | EMAIL daniel.jablonski@efiglobal.com

SAMPLE I.D.	DATE	TIME	MATRIX (S = Soil W = H2O)	CONTAINERS TOTAL	VOCs (8260B)	TPHcc (8015M)	~~Dissolved hex cr (Method 7199) Field Filtered~~ ⊗	Total hex cr (Method 7199)	Dissolved Title 22 metals (Method 6020 & Method 245.1 for mercury) FIELD FILTERED	Total Title 22 metals (Method 6020 & Method 245.1 for mercury)				ADD'L INFORMATION	STATUS	CONDITION	LAB SAMPLE #
MW-1	6.23.21	0834	W	7	x	x	x	x	x	x							
MW-2	↓	1031	W	7	x	x	x	x	x	x							
MW-3	↓	1206	W	7	x	x	x	x	x	x							

SAMPLING COMPLETED DATE 6.23.21 TIME

SAMPLING PERFORMED BY Ben Stevens

RESULTS NEEDED NO LATER THAN Standard

RELEASED BY		DATE 6/23/21	TIME 1318	RECEIVED BY Nicole		DATE 6/23/21	TIME 1318
RELEASED BY Nicole		DATE 6/23/21	TIME 1318	RECEIVED BY		DATE 6/23/21	TIME 1318
RELEASED BY		DATE 6/23/21	TIME 1505	RECEIVED BY Guadalupe Tanaka		DATE 6/23/21	TIME 1505
SHIPPED VIA		DATE SENT	TIME SENT	COOLER #			

1.8°C

APPENDIX F

USEPA PROUCL STATISTICAL EVALUATIONS

Goodness-of-Fit Test Statistics for Data Sets with Non-Detects

User Selected Options

Date/Time of Computation	ProUCL 5.17/18/2021 10:14:26 PM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	0.95

Thallium

	Num Obs	Num Miss	Num Valid	Detects	NDs	% NDs
Raw Statistics	52	0	52	21	31	59.62%

	Number	Minimum	Maximum	Mean	Median	SD
Statistics (Non-Detects Only)	31	1	1	1	1	0
Statistics (Non-Detects Only)	21	1.02	2.32	1.388	1.22	0.37
Statistics (All: NDs treated as DL value)	52	1	2.32	1.157	1	0.301
Statistics (All: NDs treated as DL/2 value)	52	0.5	2.32	0.859	0.5	0.497
Statistics (Normal ROS Imputed Data)	52	-0.784	2.32	0.717	0.705	0.689
Statistics (Gamma ROS Imputed Data)	52	0.01	2.32	0.819	0.752	0.57
Statistics (Lognormal ROS Imputed Data)	52	0.324	2.32	0.959	0.861	0.446

	K hat	K Star	Theta hat	Log Mean	Log Stdv	Log CV
Statistics (Non-Detects Only)	17.22	14.79	0.0806	0.299	0.24	0.803
Statistics (NDs = DL)	20.16	19.01	0.0574	0.121	0.211	1.748
Statistics (NDs = DL/2)	3.724	3.522	0.231	-0.293	0.514	-1.756
Statistics (Gamma ROS Estimates)	1.138	1.085	0.72	-0.7	1.393	-1.989
Statistics (Lognormal ROS Estimates)	--	--	--	-0.142	0.452	-3.179

Normal GOF Test Results

	No NDs	NDs = DL	NDs = DL/2	Normal ROS
Correlation Coefficient R	0.913	0.769	0.863	0.997

	Apr. Test	P Value	Conclusion with Alpha(0.05)
Shapiro-Wilk (NDs = DL)	0.599	1.110E-16	Data Not Normal
Shapiro-Wilk (NDs = DL/2)	0.735	8.845E-12	Data Not Normal
Shapiro-Wilk (Normal ROS Estimates)	0.986	0.921	Data Appear Normal
	Test value	Crit. (0.05)	Conclusion with Alpha(0.05)
Shapiro-Wilk (Detects Only)	0.831	0.908	Data Not Normal
Lilliefors (Detects Only)	0.244	0.188	Data Not Normal
Lilliefors (NDs = DL)	0.301	0.122	Data Not Normal
Lilliefors (NDs = DL/2)	0.361	0.122	Data Not Normal
Lilliefors (Normal ROS Estimates)	0.0738	0.122	Data Appear Normal

Gamma GOF Test Results

	No NDs	NDs = DL	NDs = DL/2	Gamma ROS
Correlation Coefficient R	0.947	0.825	0.937	0.961

	Test value	Crit. (0.05)	Conclusion with Alpha(0.05)
Anderson-Darling (Detects Only)	1.102	0.743	
Kolmogorov-Smirnov (Detects Only)	0.23	0.189	Data Not Gamma Distributed
Anderson-Darling (NDs = DL)	7.748	0.748	

Kolmogorov-Smirnov (NDs = DL)	0.309	0.123	Data Not Gamma Distributed
Anderson-Darling (NDs = DL/2)	6.32	0.755	
Kolmogorov-Smirnov (NDs = DL/2)	0.378	0.124	Data Not Gamma Distributed
Anderson-Darling (Gamma ROS Estimates)	1.648	0.776	
Kolmogorov-Smirnov (Gamma ROS Est.)	0.118	0.126	Detected Data appear Approximate Gamma Distr

Lognormal GOF Test Results

	No NDs	NDs = DL	NDs = DL/2	Log ROS
Correlation Coefficient R	0.944	0.802	0.862	0.998

	Apr. Test	P Value	Conclusion with Alpha(0.05)
Shapiro-Wilk (NDs = DL)	0.644	3.220E-15	Data Not Lognormal
Shapiro-Wilk (NDs = DL/2)	0.724	3.236E-12	Data Not Lognormal
Shapiro-Wilk (Lognormal ROS Estimates)	0.986	0.91	Data Appear Lognormal
	Test value	Crit. (0.05)	Conclusion with Alpha(0.05)
Shapiro-Wilk (Detects Only)	0.885	0.908	Data Not Lognormal
Lilliefors (Detects Only)	0.217	0.188	Data Not Lognormal
Lilliefors (NDs = DL)	0.313	0.122	Data Not Lognormal
Lilliefors (NDs = DL/2)	0.378	0.122	Data Not Lognormal
Lilliefors (Lognormal ROS Estimates)	0.0515	0.122	Data Appear Lognormal

Note: Substitution methods such as DL or DL/2 are not recommended.

Outlier Tests for Selected Variables excluding nondetects

User Selected Options

Date/Time of Computation	ProUCL 5.17/18/2021 10:15:44 PM
From File	WorkSheet.xls
Full Precision	OFF

Dixon's Outlier Test for Thallium

Total N = 52

Number NDs = 31

Number Detects = 21

10% critical value: 0.391

5% critical value: 0.44

1% critical value: 0.524

Note: NDs excluded from Outlier Test

1. Data Value 2.32 is a Potential Outlier (Upper Tail)?

Test Statistic: 0.290

For 10% significance level, 2.32 is not an outlier.

For 5% significance level, 2.32 is not an outlier.

For 1% significance level, 2.32 is not an outlier.

2. Data Value 1.02 is a Potential Outlier (Lower Tail)?

Test Statistic: 0.064

For 10% significance level, 1.02 is not an outlier.

For 5% significance level, 1.02 is not an outlier.

For 1% significance level, 1.02 is not an outlier.

Goodness-of-Fit Test Statistics for Data Sets with Non-Detects

User Selected Options

Date/Time of Computation	ProUCL 5.17/18/2021 10:16:41 PM
From File	WorkSheet.xls
Full Precision	OFF
Confidence Coefficient	0.95

CrIV

Raw Statistics

Number of Valid Observations	10
Number of Distinct Observations	10
Minimum	0.244
Maximum	0.726
Mean of Raw Data	0.524
Standard Deviation of Raw Data	0.182
Khat	7.999
Theta hat	0.0654
Kstar	5.666
Theta star	0.0924
Mean of Log Transformed Data	-0.711
Standard Deviation of Log Transformed Data	0.393

Normal GOF Test Results

Correlation Coefficient R	0.962
Shapiro Wilk Test Statistic	0.901
Shapiro Wilk Critical (0.05) Value	0.842
Approximate Shapiro Wilk P Value	0.342
Lilliefors Test Statistic	0.205
Lilliefors Critical (0.05) Value	0.262

Data appear Normal at (0.05) Significance Level

Gamma GOF Test Results

Correlation Coefficient R	0.928
A-D Test Statistic	0.47
A-D Critical (0.05) Value	0.727
K-S Test Statistic	0.213
K-S Critical(0.05) Value	0.267

Data appear Gamma Distributed at (0.05) Significance Level

Lognormal GOF Test Results

Correlation Coefficient R	0.953
Shapiro Wilk Test Statistic	0.89
Shapiro Wilk Critical (0.05) Value	0.842
Approximate Shapiro Wilk P Value	0.233
Lilliefors Test Statistic	0.196
Lilliefors Critical (0.05) Value	0.262

Data appear Lognormal at (0.05) Significance Level

Outlier Tests for Selected Uncensored Variables

User Selected Options

Date/Time of Computation	ProUCL 5.17/18/2021 10:16:57 PM
From File	WorkSheet.xls
Full Precision	OFF

Dixon's Outlier Test for CrIV

Number of Observations = 10

10% critical value: 0.409

5% critical value: 0.477

1% critical value: 0.597

1. Observation Value 0.726 is a Potential Outlier (Upper Tail)?

Test Statistic: 0.014

For 10% significance level, 0.726 is not an outlier.

For 5% significance level, 0.726 is not an outlier.

For 1% significance level, 0.726 is not an outlier.

2. Observation Value 0.244 is a Potential Outlier (Lower Tail)?

Test Statistic: 0.118

For 10% significance level, 0.244 is not an outlier.

For 5% significance level, 0.244 is not an outlier.

For 1% significance level, 0.244 is not an outlier.

Additional Phase II Environmental Site Assessment

319-327 North Harbor Boulevard

San Pedro, California

May 11, 2022

Prepared for:
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Stantec Project Number: 185805491

ADDITIONAL PHASE II ENVIRONMENTAL SITE ASSESSMENT

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Executive Summary

This report documents the methodology and results of an *Additional* Phase II Environmental Site Assessment (ESA) completed by Stantec Consulting Services Inc. (Stantec) for the property located at 319-327 North Harbor Boulevard in San Pedro, California (the "Site" or "Property"). The Property consists of two (2) contiguous parcels totaling approximately 0.55 acres which is currently an undeveloped grassy area with patches of concrete pavement.

The Property was formerly developed with several commercial structures occupied by a machine shop between 1925 and 1938, a copper works facility in 1943, an automobile repair facility from 1959 through 1969, and a battery manufacturing facility between 1950 and 2007.

While the Site was an active battery manufacturing facility, the first rounds of subsurface investigations were undertaken at the Property. In September 1991, approximately 350 cubic yards of soil was excavated from the Property. The soil was treated by chemical fixation in April 1992 and reused to fill the excavation pit. In January 1995, the Los Angeles County Fire Department (LACFD) Health Hazardous Material Division (HHMD) considered the site to be satisfactorily remediated for its use at that time.

A second round of soil excavation activities at the site were conducted between October 2007 and January 2008 at the conclusion of the battery manufacturing activities, under the oversight of LACFD HHMD. A total of 750 cubic yards of soil was reportedly excavated to depths ranging from 1.5 to 12.5 feet below ground surface (bgs), with an additional 150 cubic yards of soils excavated at depths ranging from 3.5 feet to 12.5 feet bgs between May and June 2008, where samples had previously exceeded the residential lead level of 150 milligrams per kilograms (mg/kg) at that time. According to the Hazardous Waste Tracking System (HWTS) online database, approximately 955.98 tons of lead impacted soils and 458.83 tons of total petroleum hydrocarbon (TPH) impacted soils from the site cleanup activities were removed between 2007 and 2008 (EFI, 2021).

On July 17, 2008, the LACFD HHMD completed the review of the *Soil Remediation Report, Former Arco Battery Site, 319-327 North Harbor Boulevard, San Pedro, CA* dated May 12, 2008, and *Addendum to Report, 327 North Harbor Boulevard, San Pedro, CA* dated May 30, 2008, prepared by JHD Services (JHD). Based on the information provided in these two reports, the LACFD HHMD stated on July 17, 2008, the "Department has no further requirements or restriction relating to this site at this time" (Appendix A); however, JHD reported in their *Soil Remediation Report*, dated May 12, 2008, that "the site will be excavated for a parking garage. The developer will decide the timeframe for excavation and will choose whether to backfill based on that timetable."

Partner Engineering and Science, Inc. (Partner) performed a Phase I ESA for the Property on March 3, 2021, which revealed evidence of a recognized environmental condition (REC) in connection with the Property. Based on their conclusions of this assessment, Partner recommended the following:

- *A subsurface investigation should be conducted in order to determine the presence or absence of groundwater contamination due to the historical use of the subject property.*
- *Since future construction plans will likely involve significant excavation of soils and may require dewatering activities, care should be taken during redevelopment. Any subsurface improvements and/or contaminated media encountered during redevelopment activities should be removed and properly disposed in accordance with applicable regulations.*

In April and June 2021, EFI Global (EFI) performed site assessments based on the findings of the Phase I ESA by Partner, dated March 3, 2021. Soil boring locations were advanced to a maximum depth of 40 feet bgs to facilitate the collection of soil, groundwater, and soil vapor samples. Soil and groundwater samples were analyzed for Title 22 metals, TPH, and volatile organic compounds (VOCs). Soil vapor samples were also analyzed for VOCs.

Based on the April and June 2021 site assessment, the following conclusions were presented by EFI:

- **Groundwater** -TPH and VOCs were not detected above the laboratory reporting limits, and thus do not pose an unacceptable risk to groundwater. Eleven metals (including hexavalent chromium) were detected in one or more groundwater samples collected during this assessment. However, all metal detections were below screening levels, and thus do not pose an unacceptable risk to groundwater.
- **Soil Vapor** - The results of the soil vapor sampling and using the published regulatory screening levels for indoor air along with an attenuation factor of 0.03, EFI identified a potential vapor intrusion risk to future Site occupants based on the presence of VOCs in soil vapor.
- **Soil** - EFI reported several areas where lead was reported above residential screening level of 80 mg/kg. With the exception of one elevated detection in boring B6 along the northern property boundary, elevated lead results are co-located in the southern portion of the Site at various concentrations between surface and a depth of 5 feet bgs. EFI estimated that based on the 2021 site assessment data, 4,300 cubic yards (6,500 tons) of fill material are present on-site, with 2,100 cubic yards (3,150 tons) of that material currently identified as exceeding residential screening levels for lead. The soil in these areas with elevated lead concentrations above 80 mg/kg was recommended for removal during Site redevelopment to mitigate human health concerns.

Phase II Subsurface Investigation Results

On January 18 and 19, 2022, Stantec completed a Phase II ESA to further evaluate soils containing lead exceeding residential screening levels of 80 mg/kg as reported by EFI (2021). The intent of the additional assessment was to better estimate the volume of lead impacted soil needed for removal during Site redevelopment to mitigate human health concerns.

Lead was detected above the California Department of Toxic Substances Control (DTSC) Human and Ecological Risk Office (HERO) Note 3, dated June 2020 screening level of 80 mg/kg in samples B-17-2 at a concentration of 210 mg/kg, B-19-4 (130 mg/kg), B-20-0.5 (180 mg/kg), B-21-0.5 (160 mg/kg), B-22-0.5

(500 mg/kg), B-22-1 (450 mg/kg), B-23-0.5 (820 mg/kg), B-23-1.0 (100 mg/kg), B-27-0.5 (400 mg/kg), B-27-1 (1,300 mg/kg), B-27-2 (1,800 mg/kg), B-29-0.5 (120 mg/kg), and B-30-0.5 (1,700 mg/kg) as shown in Figure 4A and 4B.

Based on the 2021 EFI and 2022 Stantec site assessments, the following areas with elevated lead concentrations above 80 mg/kg have been identified. Based on the detected concentrations, soil containing concentrations of lead above 80 mg/kg will need to be removed during Site redevelopment to mitigate human health concerns. The mapped estimated limits of the proposed excavation areas are presented in Figures 4A and 4B with the volume for each area, based on depth of the excavation, is listed below:

- **Two Areas to a Depth of 1 foot – (B6, B7, and B30 along with B-14, B20, and B21)**: 3,500 square feet x 1 foot deep (average) ≈ 130 cubic yards
- **Two Areas to a Depth of 2 feet – (B29 along with B11, B15, B16, B17, B23, and B27)**: 5,200 square feet x 2 feet deep (average) ≈ 385 cubic yards
- **Three Areas to a Depth of at least 5 feet – (B2; B13; and B19)**: 2,500 square feet x 5 feet deep (average) ≈ 465 cubic yards

Conclusions

Stantec's 2022 Phase II ESA subsurface investigation detected elevated levels of lead principally along the southern property line with minor and shallow lead and TPH impacts reported in the northern portion of the site (Figure 4A and 4B). The additional site assessment has decreased the estimated volume of lead impacted soil in excess of concentrations requiring remedial action for residential development from 2,100 cubic yards to approximately 1,000 cubic yards (3,150 tons).

The EFI soil vapor data collected during previous assessments indicated that there is a potential concern to the proposed residential development due to the risk of vapor intrusion. Based on those results, a human health risk assessment (HHRA), with the proposed building design, should be submitted for agency review in order to determine whether vapor barriers are necessary at the Property. A land use covenant in a form acceptable to the oversight agency may need to be recorded on title to the Property to prohibit any change to the proposed building design or disturbance of the vapor barriers if recommended based on the proposed residential redevelopment

Based on the April and June 2021 groundwater data collected by EFI, the Site does not pose an unacceptable risk to groundwater.

In order to fully understand the remedial action requirements for enabling residential development to occur, interaction and oversight with a governmental agency will be necessary. Given that groundwater does not appear to be impacted and because of their ongoing history with the Site, the most appropriate government agency to oversee the necessary remedial activities and soil vapor mitigation option would be the Los Angeles County Fire Department (LACFD) Site Mitigation Unit (SMU). Stantec recommends entering into a voluntary agreement with the LACFD SMU for site oversight. The oversight agency will review the recent

site assessment information and determine if additional assessment is required to fully characterize the Site. Once the Site assessment is deemed complete, a Remedial Action Plan (RAP) should be developed and submitted to the oversight agency for concurrence.

1.0 INTRODUCTION

This report documents the methodology and results of an Additional Phase II Environmental Site Assessment (ESA) completed by Stantec Consulting Services Inc. (Stantec) for the property located at 319-327 North Harbor Boulevard, San Pedro, California (the "Site" or "Property"). This report was completed for the intended user, One San Pedro Collaborative, LLC (the "Client"). This scope of work was completed in accordance with the proposal entitled *Proposal for Phase II Environmental Site Assessment*, dated January 13, 2021.

1.1 SITE DESCRIPTION AND OPERATIONS

The Property consists of two (2) contiguous parcels totaling approximately 0.55 acres located at the southwest corner of the intersection of North Harbor Boulevard and West Ofarrell Street in San Pedro, California. The Property Assessor Parcel Numbers (APNs) include: 7449-014-014 and 7449-014-013.

The Property is currently an undeveloped grassy area with patches of concrete in some areas. Surrounding properties are predominately residential use. A Property location map is illustrated on **Figure 1**. A Property map illustrating the main features of the Property is provided as **Figure 2**.

1.2 SITE GEOLOGY AND HYDROGEOLOGY

Locally, the Property is located within California's Coastal Plain geomorphic province, and more broadly within the Peninsular Ranges geomorphic province. Northwest-trending structural and topographic features characterize the province. The province is bounded to the north, the Transverse Ranges geomorphic province, characterized by east-west oriented mountains, and the Colorado Desert geomorphic province, a low-lying basin, to the east (California Geological Survey, 2002).

The Property is located within Coastal Plain of the Los Angeles Groundwater Basin, West Coast Subbasin. The Subbasin is bounded to the north by an abandoned erosional channel of the Los Angeles River, the Ballona Escarpment, to the east by the Newport-Inglewood fault zone, and by the Pacific Ocean to the south and west (California Department of Water Resources, 2004).

Groundwater monitoring data published on the California State Water Resources Control Board database website, Geotracker (www.geotracker.waterboards.ca.gov) indicates that groundwater within the area of the Property flows in a southeasterly direction within the sediment units. Groundwater is reported at depths ranging from 27 to 34 feet below ground surface (bgs) in the vicinity of the Site (EFI, 2021).

The surface elevation of the Property is approximately 24 feet above mean sea level (amsl). Surficial geology at the Site is mapped as Quaternary age loamy clay alluvial and floodplain deposits (Dibblee, Ehrenspeck, Ehlig, & Bartlett, 1999). Field observations and interpretations indicate that surficial material at the Property includes a mix of organic soil approximately 1-foot thick at the surface and overlying mixed

construction debris including brick and concrete, clay material, silty sand, and non-native soils to a depth of approximately 4.5-feet. This material overlies a sand deposit interpreted as native soil.

2.0 BACKGROUND

The Property is located on the southwest corner of the intersection of North Harbor Boulevard and West Ofarrell Street, in the city of San Pedro (Figure 1). The Site is currently a vacant parcel that is approximately 0.55 acre in size. According to the Client, the Property is designated for residential redevelopment by the City of Los Angeles. The surrounding properties are generally used for commercial and residential purposes. The Property was formerly developed with several commercial structures occupied by a machine shop between 1925 and 1938, a copper works facility in 1943, an automobile repair facility from 1959 through 1969, and a battery manufacturing facility between 1950 and 2007. Records from the Air Quality Management District (AQMD), show that permits were issued in 1956 for the operation of 500- pound and 1500-pound capacity lead melting furnaces, a battery group burning table, and associated exhaust system and venting equipment (Partner, 2021).

Several subsurface investigations have been undertaken at the Property. In September 1991, approximately 350 cubic yards of soil was excavated from the Property. The soil was treated with chemical fixation in April 1992 and reused to fill the excavation pit. In January 1995, the Los Angeles County Fire Department (LACFD) Health Hazardous Material Division (HHMD) considered the site to be satisfactorily remediated for its use at that time; however, prohibitions were included for site redevelopment until further remediation was conducted. In April 1996, soil and groundwater investigations were conducted that included the collection of a total of 50 soil samples and four groundwater samples that were analyzed for lead only. Soluble lead concentrations above the regulatory action level were identified in site soils; however, it was determined that groundwater had not been impacted (Partner, 2021).

According to Partner, in January 2005, additional subsurface sampling was conducted at the north lot of the subject property (327 North Harbor Blvd.) to determine the vertical and lateral extent of lead-contaminated soils and to assess pH conditions. A total of 64 samples were collected from 15 borings to a maximum depth of 20 feet bgs. Concentrations of lead were reportedly in the range of non-detect to above standards. In September 2006, a soil gas investigation and additional soil sampling was conducted by JHD at the Property to further characterize and delineate the vertical and lateral extent of lead-contaminated soils previously identified at the site and to assess the presence of other contaminants such as total petroleum hydrocarbons (TPH), polychlorinated biphenyls (PCBs), and organochlorine pesticides. Soil gas probes were reportedly installed in 24 borings throughout the site, at depths between 5 feet and 15 feet bgs. Results from the soil gas investigation indicated the presence of ethylbenzene and xylenes in one boring location at depths of 5 and 15 feet bgs with concentrations of 0.5 and 3.3 micrograms per liter (ug/L), PCE was reportedly detected in two boring locations at concentrations of up to 1.2 ug/L, and petroleum hydrocarbons were detected in one boring at a depth of 15 feet bgs at a concentration of 186 ug/L, all above residential standards. The soil investigation performed by JHD, indicated additional lead impacts, TPH in one sample at a depth of 15 feet bgs and organochlorine pesticides in one sample at a depth of one foot; however, VOCs and PCBs were reportedly not detected in any of the samples analyzed. Based on the

results of this 2006 investigation, the LACFD HHMD issued a letter requiring a soil remediation workplan prior to site cleanup activities (Partner, 2021).

A second round of soil excavation activities at the site were conducted between October 2007 and January 2008 at the conclusion of the battery manufacturing activities, under the oversight of LACFD HHMD. A total of 750 cubic yards of soil was reportedly excavated to depths ranging from 1.5 to 12.5 feet below ground surface (bgs), with an additional 150 cubic yards of soils excavated at depths ranging from 3.5 feet to 12.5 feet bgs between May and June 2008, where samples had previously exceeded the residential lead level of 150 milligrams per kilograms (mg/kg) at that time. According to the Hazardous Waste Tracking System (HWTS) online database, approximately 955.98 tons of lead impacted soils and 458.83 tons of total petroleum hydrocarbon (TPH) impacted soils from the site cleanup activities were removed between 2007 and 2008 (EFI, 2021).

On July 17, 2008, the LACFD HHMD completed the review of the *Soil Remediation Report, Former Arco Battery Site, 319-327 North Harbor Boulevard, San Pedro, CA* dated May 12, 2008, and *Addendum to Report, 327 North Harbor Boulevard, San Pedro, CA* dated May 30, 2008 prepared by JHD Services (JHD). Based on the information provided in these two reports, the LACFD HHMD stated on July 17, 2008, the "Department has no further requirements or restriction relating to this site at this time" (Appendix A); however, JHD reported in their *Soil Remediation Report*, dated May 12, 2008, that "the site will be excavated for a parking garage. The developer will decide the timeframe for excavation and will choose whether to backfill based on that timetable."

Partner performed a Phase I ESA for the Property dated March 3, 2021. The Phase I photo logs show that the remedial excavation areas reported in the JHD Soil Remediation Report (2008) had been filled in and that the Site appeared relatively flat. No records regarding the import or backfill activities were presented in the 2021 Phase I ESA prepared by Partner. According to Partner, the Site was used for the seasonal sell of pumpkin and Christmas trees between 2010 and 2013. Partner's March 2021 Phase I ESA revealed evidence of a recognized environmental condition (REC) in connection with the subject property. Based on their conclusions of this assessment, Partner recommended the following:

- *A subsurface investigation should be conducted in order to determine the presence or absence of groundwater contamination due to the historical use of the subject property.*
- *Since future construction plans will likely involve significant excavation of soils and may require dewatering activities, care should be taken during redevelopment. Any subsurface improvements and/or contaminated media encountered during redevelopment activities should be removed and properly disposed in accordance with applicable regulations.*

In April 2021, EFI Global (EFI) performed a site assessment based on the findings of the Phase I ESA by Partner, dated March 3, 2021. To further assess subsurface conditions at the Site, four soil boring locations were advanced by EFI to a maximum depth of 40 feet bgs to facilitate the collection of soil, groundwater, and soil vapor samples. Soil and groundwater samples were analyzed for Title 22 metals, TPH, and VOCs. Soil vapor samples were also analyzed for VOCs.

The results of the EFI Phase II ESA identified a potential vapor intrusion risk to future Site occupants based on the presence of VOCs in soil vapor.

EFI concluded that based on the April 2021 sampling event, that additional data were still needed to assess if shallow soils and groundwater have been impacted by former operations at the Site; therefore, EFI performed additional Site groundwater assessment activities between June 8 and June 23, 2021.

Recent Groundwater Analytical Assessment

According to EFI, on June 9 and 10, 2021, borings MW1, MW2 and MW3 (Figure 3) were immediately completed as groundwater monitoring wells. Wells were constructed of 2-inch diameter Schedule 40 polyvinyl chloride (PVC) casing with 0.020-inch slot PVC well screen. Fifteen feet of well screen was installed in each well. Wells MW1 and MW2 were screened between 20 and 35 feet bgs; MW3 was screened between 13 and 28 feet bgs.

On June 23, 2021, wells MW1, MW2, and MW3 were sampled by Blaine Tech Services, Inc. (Blaine Tech) using low-flow methods with a portable QED bladder pump. Samples from each monitoring well were analyzed for TPH carbon chain using EPA Method 8015M, VOCs using EPA Method 82060B, total and dissolved Title 22 metals using EPA Method 6010B/7471A, and hexavalent chromium using EPA Method 7199. According to EFI, TPH and VOCs were not detected above the laboratory reporting limits (RLs), and thus do not pose an unacceptable risk to groundwater. Eleven metals (including hexavalent chromium) were detected in one or more groundwater samples collected during this assessment. However, all metal detections were below screening levels, and thus do not pose an unacceptable risk to groundwater.

Recent Soil Analytical Assessment

On June 8, 2021, EFI field personnel directed the advancement of 16 shallow soil borings in a grid pattern across the Site to facilitate the collection of discrete-depth soil samples. A site map showing the locations of the borings is presented in Figure 3. Soil borings were advanced using a 3-inch diameter hand auger to a maximum depth of 4.5 feet bgs.

Provided below is EFI's summary of the chemical analyses performed for soil samples (EFI, July 2021):

- 41 discrete soil samples (including field duplicates) were analyzed for Title 22 metals by United States Environmental Protection Agency (EPA) Method 6020/7471A and TPH carbon chain by EPA Method 8015M.
- Ten soil samples were analyzed for hexavalent chromium using EPA Method 7199.
- One soil sample was analyzed for Soluble Threshold Limit Concentration (STLC) and Toxicity Characteristic Leaching Procedure (TCLP) chromium using EPA Method 6020.
- Two soil samples were analyzed for STCL and TCLP barium using EPA Method 6020.

- Three soil samples were analyzed for STCL and TCLP lead (including one sample from the Phase II assessment) using EPA Method 6020.

Total Petroleum Hydrocarbons in Soil

A summary of 2021 TPH analytical results in soil is presented in Table 1 and Figure 4A/B. Total petroleum hydrocarbons, diesel range organics (TPH-d; carbon range C13-C22) and total petroleum hydrocarbons, oil range organics (TPH-o; carbon range C23-C36) were detected in one or more soil samples collected during this assessment. Notable results are summarized as follows (EFI, July 2021):

- Total petroleum hydrocarbons, gasoline range organics (TPH-g; carbon range C4-C12) was not detected in any soil samples.
- TPH-d (C13-C22) was detected in 18 soil samples. Concentrations ranged from 2.61 mg/kg (B10, 0.5 feet bgs) to 261 mg/kg (B7, 0.5 feet bgs). Of the 18 detections of TPH-d (C13-C22), one detection exceeded the TPH-d of the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) maximum environmental screening level (ESL) of 260 mg/kg (Residential-Shallow Soil Exposure) at the 0.5-foot detection at boring B7 (261 mg/kg). TPH-d (C13-C22) concentrations at this one location decrease to non-detect with increasing depth up to the maximum sampled depth of 4.5 feet bgs.
- TPH-o (C23-C32) was detected in 7 soil samples. Concentrations ranged from 109 mg/kg (B9, 0.5 feet bgs) to 942 mg/kg (B7, 0.5 feet bgs). All detections are below the SFBRWQCB ESL for residential soils screening level of 12,000 mg/kg.
- TPH-o (C33-C36) was detected in two soil samples at concentrations of 139 mg/kg (B12, 0.5 feet bgs) and 142 mg/kg (B7, 0.5 feet bgs). There is no SFBRWQCB ESL screening level for TPH-o (C33-C36) for comparison to these detections.

To mitigate a potential threat to dermal contact concerns from TPH-d, based on the results of EFI's sampling from 2021, surface soil removal to a depth of 1.0 feet in the area of boring B7 is warranted (Figure 4A). This action is *de minimis* in scope and extent.

Metals in Soil

A summary of recent analytical results from the EFI 2021 sampling activities for metals in soil at the Property are presented in Table 2. Lead concentrations are posted on **Figures 4A and 4B,** respectively. Notable results are summarized as follows:

- Several metals were detected at various concentrations below residential screening levels, with the exception of lead, thallium, and hexavalent chromium.
- Thallium was reported in exceedance of the residential screening level of 0.78 mg/kg in 14 soil samples. Concentrations ranged from 1.02 J mg/kg in boring B16 (0.5 feet bgs) to 2.13 mg/kg in

boring B8 (0.5 feet bgs). Note the J flag indicates that the detection was above the laboratory minimum detection limit but below the laboratory reporting limit. Although there were 14 detections above the residential screening level, the majority of detections are very low and close to the laboratory minimum detection limit of 1.0 mg/kg. Furthermore, all thallium detections are below the typical upper limit for California soils (7.6 mg/kg) (Lawrence Berkeley National Laboratory, 2009).

- Hexavalent chromium was detected in all 10 soil samples submitted for analysis and detections were relatively evenly distributed throughout the Site. Eight detections exceeded of the residential screening level of 0.3 mg/kg. The exceedances ranged from 0.364 mg/kg in boring B5 (0.5 feet bgs) to 0.726 mg/kg in boring B14 (0.5 feet bgs). At boring B3 (from the EFI 2021 Phase II Assessments), the hexavalent chromium concentration at 5 feet bgs (0.683 mg/kg) was similar to the concentration reported at 15 feet bgs (0.594 mg/kg).

- Five lead detections were reported in exceedance of the residential screening level of 80 mg/kg. The exceedances were reported in borings B6 (0.5 feet bgs; 117 mg/kg), B13 (4.5 feet bgs; 119 mg/kg), B14 (2.5 feet bgs; 215 mg/kg), B15 (0.5 feet bgs; 381 mg/kg), and B16 (2.5 feet bgs; 87.5 mg/kg). With the exception of boring B13, lead concentrations at these locations generally decrease to below 80 mg/kg with increasing depth up to the maximum sample depth of 4.5 feet bgs.

According to EFI's Supplement Site Investigation Reported dated July 19, 2021, in regard to thallium and hexavalent chromium, although several soil samples results exceeded the residential screening level of 0.78 mg/kg and 0.300 mg/kg, respectively, the results are within the 99% Upper Tolerance Limit (UTL) concentration of naturally occurring background concentrations in California soils (7.6 mg/kg for Thallium and 7.5 mg/kg for hexavalent chromium; Hunter and Davis, 2001). As presented in Appendix F of the EFI *Supplemental Site Investigation Report* (EFI, July 2021) utilizing multiple lines of evidence, the thallium and hexavalent chromium detected at the Site are at naturally-occurring background concentrations and do not represent a release from the property. Stantec recommends no further investigation regarding this issue.

In regard to lead in soil, EFI reported several detections exceed both typical background concentrations and the residential screening level of 80 mg/kg. With the exception of one elevated detection in boring B6 along the northern property boundary, elevated lead results are co-located in the southern portion of the Site at various concentrations between surface and a depth of 5 feet bgs. EFI estimated that based on the 2021 site assessment data, 4,300 cubic yards (6,500 tons) of fill material are present on-site, with 2,100 cubic yards (3,150 tons) of that material currently identified as exceeding residential screening levels.

The soil in these areas with elevated lead concentrations above 80 mg/kg was recommended for removal during Site redevelopment to mitigate human health concerns.

3.0 FIELD INVESTIGATION PROGRAM

On January 18 and 19, 2022, Stantec completed a Phase II ESA to further evaluate soils containing lead exceeding residential screening levels of 80 mg/kg and TPH impacts to soils at the Site with regard to the elevated concentrations reported in the 2021 EFI site assessments and to better estimate the volume of lead-impacted soil that will need to be removed to mitigate human health concerns prior to Site redevelopment. Boring locations selected by Stantec to evaluate impacted areas identified in EFI's 2021 assessment (Figure 3). All field work conducted by Stantec was performed under the supervision of a State of California registered professional geologist. and consisted of the following:

- **Soil sampling**: Sixteen (16) soil borings were advanced to a depth of 4-feet below the ground surface (bgs) at boring locations B-17, through B-20, and B-30 through B-32. Borings were advanced to 7-feet bgs at boring locations B-21 through B-29. Soil borings were advanced with a hand auger and direct-push technology (DPT) soil boring rig (e.g., Geoprobe) and distributed across the Property to further evaluate the impacted areas identified in EFI's 2021 assessment. Soil samples were collected at 3-inches, 6-inches, 1-foot, 3-feet, and 4-feet bgs at all locations, and collected at 5-feet and 7-feet bgs in borings B-21 through B-29, for potential chemical analyses.

3.1 PRE-DRILLING ACTIVITIES

Prior to the commencement of fieldwork activities, Stantec made the following preparations:

- Stantec visited the Property to mark the proposed boring locations. After marking the Site, Stantec notified Underground Service Alert (USA) of Southern California at least 48-hours prior to the commencement of drilling activities.
- In accordance with federal Occupational Safety and Health Administration (OSHA) regulations (29 CFR, Section 1910.120), Stantec developed a site-specific Health and Safety Plan (HASP) for the Property. All Stantec personnel and subcontractors associated with the project were required to be familiar with and comply with all provisions of the HASP.

3.2 FIELD INVESTIGATION

On January 18 and 19, 2022, Stantec observed and directed the advancement of sixteen (16) soil borings on the Property. Soil borings B-17, through B-20, and B-30 through B-32 were advanced to four (4) feet bgs with a hand auger. Soil borings B-21 through B-29 were advanced to four feet bgs using a hand auger and from four (4) feet bgs to seven (7) feet bgs using a DPT drilling rig.

Soil samples were collected at 3-inches, 6-inches, 1-foot, 3-feet, and 4-feet bgs at all locations, and collected at 5-feet and 7-feet bgs in borings B-21 through B-29, for potential chemical analyses. All recent soil boring and existing groundwater monitoring well locations from the Stantec investigation and the EFI 2021 assessment are depicted on **Figure 3**.

3.2.1 Soil Boring and Sampling Procedures

Soil borings B-17 through B-20, and B-30 through B-32 were advanced to a final depth of approximately four (4) feet using a hand auger. Soil borings B-21 through B-29 were advanced to five (5) feet bgs using a hand auger and from five (5) feet bgs to seven (7) feet bgs using a DPT rig. Soils samples collected within the DPT-advanced interval were collected using a 48-inch long, 2.25-inch diameter stainless steel sampler lined with a clear acetate sample liner. The DPT sampler was advanced into undisturbed soils using a hydraulic ram on the drilling rig until 48 inches of penetration was achieved. Upon advancement of the sampler to the full depth of the 36-inch DPT-advanced interval, the steel sampling rods were extracted from the boring and the sampler removed. Soil samples collected from the hand auger were discharged directly from the hand auger into laboratory-provided pre-cleaned eight-ounce glass jars outfitted with Teflon ® -lined lids. The clear acetate liner for the DPT advancement were cut at the matching depth and capped with Teflon ® square and plastic caps.

All soil samples were labeled with the appropriate identifying information (boring location, depth, sample collection time, sample collection date), logged onto a chain-of-custody, and stored in an ice-filled cooler pending delivery to the analytical laboratory. The soils from each of the borings were visually examined by Stantec field personnel who classified the soils in accordance with the Unified Soil Classification System (USCS).

3.2.1.1 Field Equipment Cleaning Procedures

To maintain quality control during drilling operations, all soil sampling equipment was decontaminated using a triple bucket rinse. Prior to drilling at a given location or sampling interval, all equipment coming in direct contact with soil samples was scrubbed with an Alconox scrub solution followed by a clean tap water rinse and then a final distilled water rinse.

4.0 LABORATORY TESTING PROGRAM

All soil samples collected by Stantec during this investigation were delivered under chain of custody to Advanced Technology Laboratories (ATL), located in Signal Hill, California for potential analyses of total petroleum hydrocarbons (TPH) and lead by EPA test methods 8260B and 6010B, respectively.

ATL is certified to perform hazardous waste testing by the California State Water Resources Control Board, Environmental Laboratory Accreditation Program. Laboratory data sheets with quality assurance / quality control (QA/QC) documentation are attached as Appendix B.

5.0 INVESTIGATION RESULTS

5.1 FIELD OBSERVATIONS

Soils encountered during this investigation consisted primarily of organic soil from the surface to approximately 1-foot bgs, mixed construction debris including brick and concrete, clay material, silty sand, and non-native soils to a depth of approximately 4-feet, and sand interpreted as native soil below 4-feet.

5.2 ANALYTICAL RESULTS

Soil analytical results were compared to Department of Toxic Substances Control (DTSC) Human and Ecological Risk Office (HERO) Note 3, dated June 2020. The laboratory analytical data reports are attached as Appendix B. Recent laboratory analytical soil sample test results from the 2021 EFI and Stantec assessment are summarized in the attached Table 1.

5.2.1 On-Site Soils

Soil samples collected on-site were analyzed for lead and TPH. Lead was detected above the laboratory RLs in samples collected at all sixteen (16) soil boring locations. Lead was detected above the DTSC HERO Note 3 screening level of 80 mg/kg in samples B-17-2 at a concentration of 210 mg/kg, B-19-4 (130 mg/kg), B-20-0.5 (180 mg/kg), B-21-0.5 (160 mg/kg), B-22-0.5 (500 mg/kg), B-22-1 (450 mg/kg), B-23-0.5 (820 mg/kg), B-23-1.0 (100 mg/kg), B-27-0.5 (400 mg/kg), B-27-1 (1,300 mg/kg), B-27-2 (1,800 mg/kg), B-29-0.5 (120 mg/kg), and B-30-0.5 (1,700 mg/kg) as shown in Figure 4A and 4B. (Table 1).

TPHg and TPHd were not detected above the laboratory RLs in any soil sample analyzed during this investigation. TPHo was detected above the laboratory RL in samples B-17-0.25 at a concentration of 29 mg/kg, B-23-0.25 (470 mg/kg), B-25-0.25 (590 mg/kg), B-27-0.25 (39 mg/kg), B-28-0.25 (95 mg/kg), B-29-0.25 (230 mg/kg), B-30-0.25 (630 mg/kg), and B-31-0.25 (13 mg/kg). (Figures 4A and 4B, Table 1).

6.0 CONCLUSIONS AND RECOMMENDATIONS

This report documents the methodology and results of an *Additional* Phase II Environmental Site Assessment (ESA) completed by Stantec Consulting Services Inc. (Stantec) for the property located at 319-327 North Harbor Boulevard in San Pedro, California (the "Site" or "Property"). The Property consists of two (2) contiguous parcels totaling approximately 0.55 acres which is currently an undeveloped grassy area with patches of concrete pavement.

The Property was formerly developed with several commercial structures occupied by a machine shop between 1925 and 1938, a copper works facility in 1943, an automobile repair facility from 1959 through 1969, and a battery manufacturing facility between 1950 and 2007.

While the Site was an active battery manufacturing facility, the first rounds of subsurface investigations were undertaken at the Property. In September 1991, approximately 350 cubic yards of soil was excavated from the Property. The soil was treated by chemical fixation in April 1992 and reused to fill the excavation pit. In January 1995, the Los Angeles County Fire Department (LACFD) Health Hazardous Material Division (HHMD) considered the site to be satisfactorily remediated for its use at that time.

A second round of soil excavation activities at the site were conducted between October 2007 and January 2008 at the conclusion of the battery manufacturing activities, under the oversight of LACFD HHMD. A total of 750 cubic yards of soil was reportedly excavated to depths ranging from 1.5 to 12.5 feet below ground surface (bgs), with an additional 150 cubic yards of soils excavated at depths ranging from 3.5 feet to 12.5 feet bgs between May and June 2008, where samples had previously exceeded the residential lead level of 150 milligrams per kilograms (mg/kg) at that time. According to the Hazardous Waste Tracking System (HWTS) online database, approximately 955.98 tons of lead impacted soils and 458.83 tons of total petroleum hydrocarbon (TPH) impacted soils from the site cleanup activities were removed between 2007 and 2008 (EFI, 2021).

On July 17, 2008, the LACFD HHMD completed the review of the *Soil Remediation Report, Former Arco Battery Site, 319-327 North Harbor Boulevard, San Pedro, CA* dated May 12, 2008, and *Addendum to Report, 327 North Harbor Boulevard, San Pedro, CA* dated May 30, 2008, prepared by JHD Services (JHD). Based on the information provided in these two reports, the LACFD HHMD stated on July 17, 2008, the "Department has no further requirements or restriction relating to this site at this time" (Appendix A); however, JHD reported in their *Soil Remediation Report*, dated May 12, 2008, that "the site will be excavated for a parking garage. The developer will decide the timeframe for excavation and will choose whether to backfill based on that timetable."

Partner Engineering and Science, Inc. (Partner) performed a Phase I ESA for the Property on March 3, 2021, which revealed evidence of a recognized environmental condition (REC) in connection with the Property. Based on their conclusions of this assessment, Partner recommended the following:

- *A subsurface investigation should be conducted in order to determine the presence or absence of groundwater contamination due to the historical use of the subject property.*
- *Since future construction plans will likely involve significant excavation of soils and may require dewatering activities, care should be taken during redevelopment. Any subsurface improvements and/or contaminated media encountered during redevelopment activities should be removed and properly disposed in accordance with applicable regulations.*

In April and June 2021, EFI Global (EFI) performed site assessments based on the findings of the Phase I ESA by Partner, dated March 3, 2021. Soil boring locations were advanced to a maximum depth of 40 feet bgs to facilitate the collection of soil, groundwater, and soil vapor samples. Soil and groundwater samples were analyzed for Title 22 metals, TPH, and volatile organic compounds (VOCs). Soil vapor samples were also analyzed for VOCs.

Based on the April and June 2021 site assessment, the following conclusions were presented by EFI:

- **Groundwater** -TPH and VOCs were not detected above the laboratory reporting limits, and thus do not pose an unacceptable risk to groundwater. Eleven metals (including hexavalent chromium) were detected in one or more groundwater samples collected during this assessment. However, all metal detections were below screening levels, and thus do not pose an unacceptable risk to groundwater.
- **Soil Vapor** - The results of the soil vapor sampling and using the published regulatory screening levels for indoor air along with an attenuation factor of 0.03, EFI identified a potential vapor intrusion risk to future Site occupants based on the presence of VOCs in soil vapor.
- **Soil** - EFI reported several areas where lead was reported above residential screening level of 80 mg/kg. With the exception of one elevated detection in boring B6 along the northern property boundary, elevated lead results are co-located in the southern portion of the Site at various concentrations between surface and a depth of 5 feet bgs. EFI estimated that based on the 2021 site assessment data, 4,300 cubic yards (6,500 tons) of fill material are present on-site, with 2,100 cubic yards (3,150 tons) of that material currently identified as exceeding residential screening levels for lead. The soil in these areas with elevated lead concentrations above 80 mg/kg was recommended for removal during Site redevelopment to mitigate human health concerns.

Phase II Subsurface Investigation Results

On January 18 and 19, 2022, Stantec completed a Phase II ESA to further evaluate soils containing lead exceeding residential screening levels of 80 mg/kg as reported by EFI (2021). The intent of the additional assessment was to better estimate the volume of lead impacted soil needed for removal during Site redevelopment to mitigate human health concerns.

Lead was detected above the California Department of Toxic Substances Control (DTSC) Human and Ecological Risk Office (HERO) Note 3, dated June 2020 screening level of 80 mg/kg in samples B-17-2 at a concentration of 210 mg/kg, B-19-4 (130 mg/kg), B-20-0.5 (180 mg/kg), B-21-0.5 (160 mg/kg), B-22-0.5

(500 mg/kg), B-22-1 (450 mg/kg), B-23-0.5 (820 mg/kg), B-23-1.0 (100 mg/kg), B-27-0.5 (400 mg/kg), B-27-1 (1,300 mg/kg), B-27-2 (1,800 mg/kg), B-29-0.5 (120 mg/kg), and B-30-0.5 (1,700 mg/kg) as shown in Figure 4A and 4B.

Based on the 2021 EFI and 2022 Stantec site assessments, the following areas with elevated lead concentrations above 80 mg/kg have been identified. Based on the detected concentrations, soil containing concentrations of lead above 80 mg/kg will need to be removed during Site redevelopment to mitigate human health concerns. The mapped estimated limits of the proposed excavation areas are presented in Figures 4A and 4B with the volume for each area, based on depth of the excavation, is listed below:

- **Two Areas to a Depth of 1 foot – (B6, B7, and B30 along with B-14, B20, and B21)**: 3,500 square feet x 1 foot deep (average) ≈ 130 cubic yards
- **Two Areas to a Depth of 2 feet – (B29 along with B11, B15, B16, B17, B23, and B27)**: 5,200 square feet x 2 feet deep (average) ≈ 385 cubic yards
- **Three Areas to a Depth of at least 5 feet – (B2; B13; and B19)**: 2,500 square feet x 5 feet deep (average) ≈ 465 cubic yards

Conclusions

Stantec's 2022 Phase II ESA subsurface investigation detected elevated levels of lead principally along the southern property line with minor and shallow lead and TPH impacts reported in the northern portion of the site (Figure 4A and 4B). The additional site assessment has decreased the estimated volume of lead impacted soil in excess of concentrations requiring remedial action for residential development from 2,100 cubic yards to approximately 1,000 cubic yards (3,150 tons).

The EFI soil vapor data collected during previous assessments indicated that there is a potential concern to the proposed residential development due to the risk of vapor intrusion. Based on those results, a human health risk assessment (HHRA), with the proposed building design, should be submitted for agency review in order to determine whether vapor barriers are necessary at the Property. A land use covenant in a form acceptable to the oversight agency may need to be recorded on title to the Property to prohibit any change to the proposed building design or disturbance of the vapor barriers if recommended based on the proposed residential redevelopment

Based on the April and June 2021 groundwater data collected by EFI, the Site does not pose an unacceptable risk to groundwater.

In order to fully understand the remedial action requirements for enabling residential development to occur, interaction and oversight with a governmental agency will be necessary. Given that groundwater does not appear to be impacted and because of their ongoing history with the Site, the most appropriate government agency to oversee the necessary remedial activities and soil vapor mitigation option would be the Los Angeles County Fire Department (LACFD) Site Mitigation Unit (SMU). Stantec recommends entering into a voluntary agreement with the LACFD SMU for site oversight. The oversight agency will review the recent

site assessment information and determine if additional assessment is required to fully characterize the Site. Once the Site assessment is deemed complete, a Remedial Action Plan (RAP) should be developed and submitted to the oversight agency for concurrence.

7.0 LIMITATIONS

The conclusions presented in this report are professional opinions based on data described in this report, and those data presented by prior investigations performed by others. The opinions of this report have been arrived at in accordance with currently accepted hydrogeologic and engineering standards and practices applicable to this location and are subject to the following inherent limitations. Stantec makes no other warranty, either expressed or implied, concerning the conclusions and professional advice that is contained within the body of this report.

Inherent in most projects performed in a heterogeneous subsurface environment, continuing excavation and assessments may reveal findings that are different than those presented herein. This facet of the environmental profession should be considered when formulating professional opinions on the limited data collected on these projects.

This report has been issued with the clear understanding that it is the responsibility of the owner, or their representative, to make appropriate notifications to regulatory agencies. It is specifically not the responsibility of Stantec to conduct appropriate notifications as specified by current County and State regulations.

The information presented in this report is valid as of the date our exploration was performed. Site conditions may degrade with time; consequently, the findings presented herein are subject to change. In the event of any conflict between the terms and conditions of this report and the terms and conditions of the environmental consulting services agreement between Stantec and the client (the “MSA”), the MSA shall control.

8.0 REFERENCES

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Partners Engineering and Science, Inc., *Phase I Environmental Site Assessment Report, 319-327 North Harbor Boulevard*, March 3, 2021.

TABLES

Table 1
Summary of Soil Analytical Results - Lead and TPH
319-327 North Harbor Boulevard, San Pedro, California

Stantec Project No.: 185805491

Sample ID [1]	Sampling Date	Sampling Depth [2]	Metals [3] EPA 6010B	TPH [3,7] EPA Test Method 8015M			
			Lead	TPHg C4-C12	TPHd C13-C22	TPHo C23-C32	TPH C33-C36
USEPA RSLs (mg/kg) [4]			400	82	97	2,400	2,400
CA - DTSC HERO Note 3 - Soil (mg/kg) [5]			80	NE	NE	NE	NE
Site Cleanup Goals (mg/kg) [6]			**80**	**430**	**260**	**12,000**	NE
B1-SS-5	04/08/21	5	**9.2**	<0.5	<2.5	<100	<100
B1-SS-15	04/08/21	15	**2.89**	<0.5	<2.5	<100	<100
B1-SS-25	04/08/21	25	**3.69**	<0.5	<2.5	<100	<100
B2-SS-5	04/08/21	5	**184**	<0.5	**2.95**	<100	<100
B2-SS-15	04/08/21	15	**3.74**	<0.5	<2.5	<100	<100
B2-SS-25	04/08/21	25	**3.63**	<0.5	<2.5	<100	<100
B3-SS-5	04/08/21	5	**7.47**	<0.5	<2.5	<100	<100
B3-SS-15	04/08/21	15	**4.5**	<0.5	<2.5	<100	<100
B3-SS-25	04/08/21	25	**3.89**	<0.5	<2.5	<100	<100
B4-SS-5	04/08/21	5	**4.19**	<0.5	<2.5	<100	<100
B4-SS-15	04/08/21	15	**6.63**	<0.5	<2.5	<100	<100
B4-SS-25	04/08/21	25	**10.3**	<0.5	**2.72**	<100	<100
B5-SS-0.5	6/8/2021	0.5	**6.40**	<0.5	**2.98**	<100	<100
B5-SS-2.5	6/8/2021	2.5	**3.34**	<0.5	<2.5	<100	<100
B5-SS-4.5	6/8/2021	4.5	**2.52**	<0.5	<2.5	<100	<100
B6-SS-0.5	6/8/2021	0.5	**117**	<0.5	<2.5	<100	<100
B6-SS-2.5	6/8/2021	2.5	**6.41**	<0.5	<2.5	<100	<100
B6-SS-4.5	6/8/2021	4.5	**4.04**	<0.5	<2.5	<100	<100
B7-SS-0.5	6/8/2021	0.5	**10.1**	<0.5	**261**	**942**	**142**
B7-SS-2.5	6/8/2021	2.5	**7.32**	<0.5	<2.5	<100	<100
B7-SS-4.5	6/8/2021	4.5	**2.53**	<0.5	<2.5	<100	<100
B8-SS-0.5	6/8/2021	0.5	**11.2**	<0.5	**7.78**	<100	<100
B8-SS-2.5	6/8/2021	2.5	**45.7**	<0.5	<2.5	<100	<100
B8-SS-4.5	6/8/2021	4.5	**16.4**	<0.5	<2.5	<100	<100
B9-SS-0.5	6/8/2021	0.5	**43.1**	<0.5	**10.5**	**109**	<100
B9-SS-0.5 D	6/8/2021	0.5	**45.5**	<0.5	**6.73**	**110**	<100
B9-SS-2.5	6/8/2021	2.5	**9.91**	<0.5	<2.5	<100	<100
B9-SS-4.5	6/8/2021	4.5	**45.7**	<0.5	<2.5	<100	<100
B10-SS-0.5	6/8/2021	0.5	**8.62**	<0.5	**2.61**	<100	<100
B10-SS-2.5	6/8/2021	2.5	**2.30**	<0.5	<2.5	<100	<100
B10-SS-4.5	6/8/2021	4.5	**11.0**	<0.5	**3.59**	<100	<100
B11-SS-0.5	6/8/2021	0.5	**11.2**	<0.5	<2.5	<100	<100
B11-SS-2.5	6/8/2021	2.5	**28.7**	<0.5	**3.38**	<100	<100
B11-SS-4.5	6/8/2021	4.5	**22.3**	<0.5	**3.95**	<100	<100
B12-SS-0.5	6/8/2021	0.5	**35.7**	<0.5	**228**	**833**	**139**
B12-SS-2.5	6/8/2021	2.5	**7.09**	<0.5	**12.2**	<100	<100
B12-SS-4.5	6/8/2021	4.5	**5.40**	<0.5	<2.5	<100	<100
B13-SS-0.5	6/8/2021	0.5	**17.3**	<0.5	**7.15**	<100	<100
B13-SS-0.5 D	6/8/2021	0.5	**18.2**	<0.5	**6.14**	<100	<100
B13-SS-2.5	6/8/2021	2.5	**48.0**	<0.5	<2.5	<100	<100
B13-SS-4.5	6/8/2021	4.5	**119**	<0.5	<1.0	<100	<100
B14-SS-0.5	6/8/2021	0.5	**77.7**	<0.5	<2.5	<100	<100
B14-SS-2.5	6/8/2021	2.5	**215**	<0.5	**5.57**	**137**	<100

Table 1
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319-327 North Harbor Boulevard, San Pedro, California

Stantec Project No.: 185805491

Sample ID [1]	Sampling Date	Sampling Depth [2]	Metals [3] EPA 6010B	TPH [3,7] EPA Test Method 8015M			
			Lead	TPHg C4-C12	TPHd C13-C22	TPHo C23-C32	TPH C33-C36
USEPA RSLs (mg/kg) [4]			400	82	97	2,400	2,400
CA - DTSC HERO Note 3 - Soil (mg/kg) [5]			80	NE	NE	NE	NE
Site Cleanup Goals (mg/kg) [6]			**80**	**430**	**260**	**12,000**	NE
B14-SS-4.5	6/8/2021	4.5	**3.51**	<0.5	<2.5	<100	<100
B14-SS-4.5 D	6/8/2021	4.5	**3.5**	<0.5	<2.5	<100	<100
B15-SS-0.5	6/8/2021	0.5	**381**	<0.5	**9.56**	**146**	<100
B15-SS-2.5	6/8/2021	2.5	**50.4**	<0.5	**3.26**	<100	<100
B15-SS-4.5	6/8/2021	4.5	**2.94**	<0.5	<2.5	<100	<100
B16-SS-0.5	6/8/2021	0.5	**69.3**	<0.5	<2.5	<100	<100
B16-SS-2.5	6/8/2021	2.5	**87.5**	<0.5	**13.7**	**195**	<100
B16-SS-4.5	6/8/2021	4.5	**75.8**	<0.5	**4.55**	<100	<100
B16-SS-4.5 D	6/8/2021	4.5	**67.0**	<0.5	<2.5	<100	<100
B-17-0.25	1/18/2022	0.25	NA	*ND<0.98*	*ND<20*	*29*	NA
B-17-0.5	1/18/2022	0.5	**22**	*NA*	*NA*	*NA*	NA
B-17-1	1/18/2022	1	**7.3**	*NA*	*NA*	*NA*	*NA*
B-17-2	1/18/2022	2	**210**	*NA*	*NA*	*NA*	*NA*
B-17-3	1/18/2022	3	**27**	*NA*	*NA*	*NA*	*NA*
B-17-4	1/18/2022	4	**30**	*NA*	*NA*	*NA*	*NA*
B-18-0.25	1/18/2022	0.25	NA	*ND<1.0*	*ND<200*	*ND<200*	*NA*
B-18-0.5	1/18/2022	0.5	*39*	*NA*	*NA*	*NA*	*NA*
B-18-2	1/18/2022	2	**5.4**	*NA*	*NA*	*NA*	*NA*
B-18-4	1/18/2022	4	**8.4**	*NA*	*NA*	*NA*	*NA*
B-19-0.25	1/18/2022	0.25	*NA*	*ND<1.0*	*ND<100*	*ND<100*	*NA*
B-19-0.5	1/18/2022	0.5	**51**	*NA*	*NA*	*NA*	*NA*
B-19-2	1/18/2022	2	**30**	*NA*	*NA*	*NA*	*NA*
B-19-3	1/18/2022	3	**7.5**	*NA*	*NA*	*NA*	*NA*
B-19-4	1/18/2022	4	**130**	*NA*	*NA*	*NA*	*NA*
B-20-0.25	1/18/2022	0.25	NA	*ND<0.99*	*ND<200*	*ND<200*	*NA*
B-20-0.5	1/18/2022	0.5	**180**	*NA*	*NA*	*NA*	*NA*
B-20-1	1/18/2022	1	**73**	*NA*	*NA*	*NA*	*NA*
B-20-2	1/18/2022	2	**14**	*NA*	*NA*	*NA*	*NA*
B-20-4	1/18/2022	4	**5.0**	*NA*	*NA*	*NA*	*NA*
B-21-0.25	1/18/2022	0.25	NA	*ND<1.0*	*ND<200*	*ND<200*	*NA*
B-21-0.5	1/18/2022	0.5	**160**	*NA*	*NA*	*NA*	*NA*
B-21-1	1/18/2022	1	**14**	*NA*	*NA*	*NA*	*NA*
B-21-2	1/18/2022	2	**12**	*NA*	*NA*	*NA*	*NA*
B-21-4	1/18/2022	4	**14**	*NA*	*NA*	*NA*	*NA*
B-21-7	1/18/2022	7	**4.2**	*NA*	*NA*	*NA*	*NA*
B-22-0.25	1/18/2022	0.25	*NA*	*ND<0.99*	*ND<200*	*ND<200*	*NA*
B-22-0.5	1/18/2022	0.5	**500**	*NA*	*NA*	*NA*	*NA*
B-22-1	1/18/2022	1	**450**	*NA*	*NA*	*NA*	*NA*
B-22-2	1/18/2022	2	**54**	*NA*	*NA*	*NA*	*NA*
B-22-4	1/18/2022	4	**5.2**	*NA*	*NA*	*NA*	*NA*
B-22-7	1/18/2022	7	**8.3**	*NA*	*NA*	*NA*	*NA*
B-23-0.25	1/18/2022	0.25	**NA**	*ND<0.99*	*ND<200*	**470**	*NA*
B-23-0.5	1/18/2022	0.5	**820**	*NA*	*NA*	*NA*	*NA*

Table 1
Summary of Soil Analytical Results - Lead and TPH
319-327 North Harbor Boulevard, San Pedro, California

Stantec Project No.: 185805491

Sample ID [1]	Sampling Date	Sampling Depth [2]	Metals [3] EPA 6010B	TPH [3,7] EPA Test Method 8015M			
			Lead	TPHg C4-C12	TPHd C13-C22	TPHo C23-C32	TPH C33-C36
USEPA RSLs (mg/kg) [4]			400	82	97	2,400	2,400
CA - DTSC HERO Note 3 - Soil (mg/kg) [5]			80	NE	NE	NE	NE
Site Cleanup Goals (mg/kg) [6]			**80**	**430**	**260**	**12,000**	NE
B-23-1	1/18/2022	1	**100**	*NA*	*NA*	*NA*	*NA*
B-23-2	1/18/2022	2	**20**	*NA*	*NA*	*NA*	*NA*
B-23-4	1/19/2022	4	**14**	*NA*	*NA*	*NA*	*NA*
B-23-7	1/19/2022	7	**3.8**	*NA*	*NA*	*NA*	*NA*
B-24-0.25	1/18/2022	0.25	*NA*	ND<1.0	ND<10	ND<10	*NA*
B-24-0.5	1/18/2022	0.5	**3.2**	*NA*	*NA*	*NA*	*NA*
B-24-4	1/18/2022	4	**6.9**	*NA*	*NA*	*NA*	*NA*
B-24-7	1/18/2022	7	**17**	*NA*	*NA*	*NA*	*NA*
B-25-0.25	1/18/2022	0.25	NA	ND<0.98	ND<200	**590**	*NA*
B-25-0.5	1/18/2022	0.5	**7.4**	*NA*	*NA*	*NA*	*NA*
B-25-4	1/18/2022	4	**25**	*NA*	*NA*	*NA*	*NA*
B-25-7	1/18/2022	7	**71**	*NA*	*NA*	*NA*	*NA*
B-26-0.25	1/18/2022	0.25	NA	ND<1.0	ND<200	ND<200	*NA*
B-26-0.5	1/18/2022	0.5	**20**	*NA*	*NA*	*NA*	*NA*
B-26-4	1/19/2022	4	**59**	*NA*	*NA*	*NA*	*NA*
B-26-7	1/19/2022	7	**1.7**	*NA*	*NA*	*NA*	*NA*
B-27-0.25	1/19/2022	0.25	NA	ND<1.0	ND<20	**39**	*NA*
B-27-0.5	1/19/2022	0.5	**400**	*NA*	*NA*	*NA*	*NA*
B-27-1	1/19/2022	1	**1300**	*NA*	*NA*	*NA*	*NA*
B-27-2	1/19/2022	2	**1800**	*NA*	*NA*	*NA*	*NA*
B-27-4	1/19/2022	4	**8.6**	*NA*	*NA*	*NA*	*NA*
B-27-7	1/19/2022	7	**6.8**	*NA*	*NA*	*NA*	*NA*
B-28-0.25	1/19/2022	0.25	NA	<1.0	<1.0	**95**	*NA*
B-28-0.5	1/19/2022	0.5	**10**	*NA*	*NA*	*NA*	*NA*
B-28-4	1/19/2022	4	**13**	*NA*	*NA*	*NA*	*NA*
B-28-7	1/19/2022	7	**8.3**	*NA*	*NA*	*NA*	*NA*
B-29-0.25	1/19/2022	0.25	NA	<1.0	<200	**230**	*NA*
B-29-0.5	1/19/2022	0.5	**120**	*NA*	*NA*	*NA*	*NA*
B-29-1	1/19/2022	1	**360**	*NA*	*NA*	*NA*	*NA*
B-29-2	1/19/2022	2	**11**	*NA*	*NA*	*NA*	*NA*
B-29-4	1/19/2022	4	**2.4**	*NA*	*NA*	*NA*	*NA*
B-29-7	1/19/2022	7	**2.6**	*NA*	*NA*	*NA*	*NA*
B-30-0.25	1/19/2022	0.25	NA	<1.0	<200	**630**	*NA*
B-30-0.5	1/19/2022	0.5	**1,700**	*NA*	*NA*	*NA*	*NA*
B-30-1	1/19/2022	1	**82**	*NA*	*NA*	*NA*	*NA*
B-30-2	1/19/2022	2	**24**	*NA*	*NA*	*NA*	*NA*
B-30-4	1/19/2022	4	**39**	*NA*	*NA*	*NA*	*NA*
B-31-0.25	1/19/2022	0.25	NA	<1.0	<10	**13**	*NA*
B-31-0.5	1/19/2022	0.5	**21**	*NA*	*NA*	*NA*	*NA*
B-31-2	1/19/2022	2	**3.9**	*NA*	*NA*	*NA*	*NA*
B-31-4	1/19/2022	4	**4.5**	*NA*	*NA*	*NA*	*NA*
B-32-0.25	1/19/2022	0.25	NA	<1.0	<200	<200	*NA*
B-32-0.5	1/19/2022	0.5	**8.7**	*NA*	*NA*	*NA*	*NA*

Table 1
Summary of Soil Analytical Results - Lead and TPH
319-327 North Harbor Boulevard, San Pedro, California

Stantec Project No.: 185805491

Sample ID [1]	Sampling Date	Sampling Depth [2]	Metals [3] EPA 6010B	TPH [3,7] EPA Test Method 8015M			
			Lead	TPHg C4-C12	TPHd C13-C22	TPHo C23-C32	TPH C33-C36
USEPA RSLs (mg/kg) [4]			400	82	97	2,400	2,400
CA - DTSC HERO Note 3 - Soil (mg/kg) [5]			80	NE	NE	NE	NE
Site Cleanup Goals (mg/kg) [6]			**80**	**430**	**260**	**12,000**	NE
B-32-2	1/19/2022	2	**5.6**	*NA*	*NA*	*NA*	*NA*
B-32-4	1/19/2022	4	**3.7**	*NA*	*NA*	*NA*	*NA*
Background Concentration Levels [6]			**12.4-97.1**				

NOTES:

(1) Refer to Figure 2 for sampling locations

(2) Sampling depth is reported as feet below ground surface

(3) Concentrations reported in milligrams per kilogram (mg/kg)

(4) United Stated Environmental Protection Agency (USEPA), Regional Screening Levels (RSLs), Region 9, updated November, 2021

(5) California Department of Toxic Substances Control (DTSC) Human and Ecological Risk Office (HERO) Human Health Risk Assessment (HHRA) Note No.3 - Soil Values in mg/kg - June 2020

(6) - Proposed Site Cleanup Goal for TPH based on SFRWQCB ESLs

(7) Advanced Technologies Laboratory defines carbon ranges as follows: TPHg (C_4-C_{12}), TPHd (C10-C_{28}), and TPHo (C_{18}-C_{36}). Historical data from EFI includes TPHg (C_4-C_{12}), TPHd (C_{13}-C_{22}), TPHo (C_{23}-C_{32}), and TPH (C33-C_{36}).

< - Indicates the concentration was not detected above the laboratory method detection limit.

ABBREVIATIONS:

bgs - below ground surface
NA - Not Analyzed
ND - Non Detect
NE - Not Established
TPHg - Total Petroleum Hydrocarbons as gasoline
TPHd - Total Petroleum Hydrocarbons as diesel
TPHo - Total Petroleum Hydrocarbons as oil

Table 2
Summary of Soil Analytical Results - Historical Metals
319-327 North Harbor Boulevard, San Pedro, California

Stantec Project No.: 185805491

Sample ID [1]	Sampling Date	Sampling Depth [2]	Title 22 Metals [3] EPA Test Method 6010B and 7471A																	
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Chromium VI	Cobalt	Copper	Lead	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Mercury
USEPA RSLs (mg/kg) [4]			*31*	*0.68*	*15000*	*160*	*5.0*	*NE*	*0.30*	*23*	*3100*	*800*	*390*	*490*	*390*	*390*	*1*	*390*	*23000*	*11.0*
CA - DTSC HERO Note 3 - Soil (mg/kg) [5]			*NE*	*0.11*	*NE*	*16*	*71*	*NE*	*0.3*	*NE*	*NE*	*80*	*NE*	*820*	*NE*	*NE*	*NE*	*NE*	*NE*	1
Samples																				
B1-SS-5	04/08/21	5	<2.0	4.93	107	<1.0	<1.0	27.4	--	11.4	22.7	9.2	<1.0	22.6	<2.0	<1.0	1.27 J	50.2	59	<1.0
B1-SS-15	04/08/21	15	<2.0	2.10	82.2	<1.0	<1.0	12.6	--	5.05	7.32	2.89	<1.0	8.16	<2.0	<1.0	<1.0	22.5	24	<1.0
B1-SS-25	04/08/21	25	<2.0	3.64	518	<1.0	1.52	59.1	--	14.30	32.5	3.69	2.46	49	<2.0	<1.0	2.32	94.5	58.7	<1.0
B2-SS-5	04/08/21	5	2.66	3.65	131	<1.0	<1.0	18.1	--	6.8	24.8	184	<1.0	14.2	<2.0	<1.0	ND<1	33.9	133	ND<0.1
B2-SS-15	04/08/21	15	<2.0	3.76	111	<1.0	<1.0	17.9	--	7.18	14.4	3.74	<1.0	11.8	<2.0	<1.0	ND<1	31.9	32.9	ND<0.1
B2-SS-25	04/08/21	25	<2.0	3.69	75.1	<1.0	<1.0	16.5	--	7.13	13.2	3.63	<1.0	12	<2.0	<1.0	ND<1	32.5	32.1	0.145
B3-SS-5	04/08/21	5	4.14	4.63	409	<1.0	5.49	117	0.683	9.36	54.7	7.47	3.11	91.8	<2.0	1.12	1.44 J	168	128	0.114
B3-SS-15	04/08/21	15	<2.0	3.22	418	<1.0	2.24	39.2	0.594	12.70	26.9	4.5	2.57	39.3	<2.0	<1.0	1.47 J	68.1	51.1	<1.0
B3-SS-25	04/08/21	25	<2.0	4.40	483	<1.0	1.48	55.4	--	16.50	36.5	3.89	3.55	56.1	<2.0	<1.0	1.96 J	104	64.9	<1.0
B4-SS-5	04/08/21	5	<2.0	2.67	85.8	<1.0	<1.0	13.2	--	5.2	9.09	4.19	<1.0	8.81	<2.0	<1.0	<1.0	23.6	26.1	0.114
B4-SS-15	04/08/21	15	<2.0	3.96	115	<1.0	<1.0	21.4	--	8.79	15.4	6.63	<1.0	14.5	<2.0	<1.0	1.16 J	36.2	40.4	<1.0
B4-SS-25	04/08/21	25	<2.0	3.77	417	<1.0	2.28	38.5	--	12.1	28.2	10.3	1.87	37.7	<2.0	<1.0	1.55 J	68.7	50.4	<1.0
B-5-SS-0.5	6/8/2021	0.5	<2.0	3.87	1880	<1.0	1.76	37.7	0.364	10.2	19.8	6.4	6.83	30.8	<2.0	<1.0	<1.0	55.6	56.3	<1.0
B5-SS-2.5	6/8/2021	2.5	<2.0	3.71	1870	<1.0	1.71	38.4	--	16.1	17.8	3.34	6.84	35.4	<2.0	<1.0	1.52 J	54.4	44.5	<1.0
B5-SS-4.5	6/8/2021	4.5	<2.0	4.19	2670	<1.0	1.65	37.9	--	11.8	17.7	2.52	12.6	32.2	<2.0	<1.0	<1.0	52.5	45.5	<1.0
B6-SS-0.5	6/8/2021	0.5	2.81	3.03	128	<1.0	2.11	14.4	--	5.41	24.1	117	<1.0	11.7	<2.0	<1.0	<1.0	24.4	158	<1.0
B6-SS-2.5	6/8/2021	2.5	<2.0	3.28	126	<1.0	<1.0	16.6	--	7.45	13.8	6.41	<1.0	12.5	<2.0	<1.0	<1.0	30.1	38.9	<1.0
B6-SS-4.5	6/8/2021	4.5	<2.0	2.79	92	<1.0	<1.0	16.1	--	6.88	9.6	4.04	<1.0	11	<2.0	<1.0	<1.0	27.1	28.5	<1.0
B7-SS-0.5	6/8/2021	0.5	2.06	7.69	366	<1.0	5.58	53.3	0.432	9.7	33.5	10.1	10.2	52.7	<2.0	<1.0	1.19 J	161	76	<1.0
B7-SS-2.5	6/8/2021	2.5	<2.0	3.17	147	<1.0	<1.0	22.9	--	7.51	16	7.32	ND<1	15.6	<2.0	<1.0	1.08 J	36.3	45.6	<1.0
B7-SS-4.5	6/8/2021	4.5	<2.0	2.24	59.1	<1.0	<1.0	8.95	--	3.83	6.09	2.53	ND<1	6.26	<2.0	<1.0	<1.0	16.9	18.7	<1.0
B8-SS-0.5	6/8/2021	0.5	2.13	5.38	711	<1.0	6.57	65.2	0.492	15.3	41	11.2	12.5	65	<2.0	<1.0	2.13	141	99.4	<1.0
B8-SS-2.5	6/8/2021	2.5	<2.0	2.54	92.8	<1.0	<1.0	12	--	5.03	10.1	45.7	<1.0	8.57	<2.0	<1.0	<1.0	21.7	32.4	<1.0
B8-SS-4.5	6/8/2021	4.5	<2.0	10.9	101	<1.0	<1.0	23.3	--	8.56	20.8	16.4	<1.0	15.4	<2.0	<1.0	1.10 J	45.2	45.1	<1.0
B9-SS-0.5	6/8/2021	0.5	<2.0	4.98	405	<1.0	1.2	29.4	--	8.17	21.6	43.1	1.2	22	<2.0	<1.0	<1.0	51.8	73.7	<1.0
B9-SS-0.5 D	6/8/2021	0.5	2.02	4.85	392	<1.0	1.33	30.8	--	8.69	24.9	45.5	1.23	23.6	<2.0	<1.0	<1.0	54.1	81	<1.0
B9-SS-2.5	6/8/2021	2.5	<2.0	3.04	117	<1.0	<1.0	16	--	6.73	15.5	9.91	<1.0	11.8	<2.0	<1.0	<1.0	28.2	40.8	<1.0
B9-SS-4.5	6/8/2021	4.5	<2.0	4.02	143	<1.0	<1.0	21.3	--	8.61	16.6	45.7	<1.0	14.8	<2.0	<1.0	<1.0	34.9	37.1	<1.0
B10-SS-0.5	6/8/2021	0.5	<2.0	3.71	1810	<1.0	1.99	32.9	--	9.1	20.7	8.62	4.76	28.9	<2.0	<1.0	<1.0	55.9	62.4	<1.0
B10-SS-2.5	6/8/2021	2.5	<2.0	3.05	2280	<1.0	1.81	32.7	--	10.1	17.3	2.3	9.41	31.1	<2.0	<1.0	<1.0	51.6	47.4	<1.0
B10-SS-4.5	6/8/2021	4.5	<2.0	4.05	901	<1.0	<1.0	25.2	--	7.21	15.9	11	3.11	19.4	<2.0	<1.0	1.03 J	41.4	56.4	<1.0
B11-SS-0.5	6/8/2021	0.5	<2.0	2.86	1560	<1.0	1.7	39.2	0.244	12.5	24	11.2	5.39	35.3	<2.0	<1.0	1.77 J	62.8	59.2	<1.0
B11-SS-2.5	6/8/2021	2.5	<2.0	3.22	155	<1.0	<1.0	16.2	--	4.74	13.4	28.70	<1.0	13.7	<2.0	<1.0	<1.0	27.3	49.8	<1.0
B11-SS-4.5	6/8/2021	4.5	<2.0	3.64	518	<1.0	<1.0	19.1	--	5.08	14.2	22.3	<1.0	15.2	<2.0	<1.0	<1.0	32.6	49.1	<1.0
B12-SS-0.5	6/8/2021	0.5	<2.0	4.56	416	<1.0	2.31	48.6	--	10	32.3	35.7	1.98	43.2	<2.0	<1.0	1.16 J	91.9	80.2	<1.0
B12-SS-2.5	6/8/2021	2.5	4.69	4.32	506	<1.0	5.44	136	0.680	9.59	64.8	7.09	3.27	112	<2.0	<1.0	1.18 J	218	155	<1.0
B12-SS-4.5	6/8/2021	4.5	4.41	4.49	437	<1.0	5.39	128	0.720	8.86	61.3	5.4	3.77	108	<2.0	<1.0	<1.0	193	146	0.126
B13-SS-0.5	6/8/2021	0.5	<2.0	4.66	336	<1.0	1.84	35.2	--	8.54	22.6	17.3	1.68	31.3	<2.0	<1.0	1.20 J	67.1	69.4	<1.0
B13-SS-0.5 D	6/8/2021	0.5	<2.0	4.88	337	<1.0	1.99	38	--	8.75	23	18.2	1.85	31.8	<2.0	<1.0	1.26 J	73.7	70.9	<1.0
B13-SS-2.5	6/8/2021	2.5	<2.0	3.15	113	<1.0	2.31	12.4	--	4.86	22.1	48.0	<1.0	10.4	<2.0	<1.0	<1.0	22	138	<1.0
B13-SS-4.5	6/8/2021	4.5	2.15	3.24	101	<1.0	<1.0	15.4	--	5.73	16.5	119	<1.0	13.7	<2.0	<1.0	<1.0	30.9	58	<1.0
B14-SS-0.5	6/8/2021	0.5	<2.0	4.89	156	<1.0	<1.0	21.2	0.726	8.16	23.1	77.7	<1.0	18.9	<2.0	<1.0	<1.0	39.3	84.9	<1.0
B14-SS-2.5	6/8/2021	2.5	2.56	4.82	250	<1.0	<1.0	23.5	--	8.17	36.4	215	<1.0	22.1	<2.0	<1.0	<1.0	41.5	341	0.114
B14-SS-4.5	6/8/2021	4.5	<2.0	3.01	69.5	<1.0	<1.0	10.5	--	4.44	7.19	3.51	<1.0	7.43	<2.0	<1.0	<1.0	19.7	22.9	<1.0
B14-SS-4.5 D	6/8/2021	4.5	<2.0	3.16	66.9	<1.0	<1.0	12.10	--	4.9	8.24	3.50	<1.0	8.23	<2.0	<1.0	<1.0	21.5	24.5	<1.0
B15-SS-0.5	6/8/2021	0.5	7.13	4.68	239	<1.0	1.18	27.3	--	7.76	44.5	381	1.02	26.8	<2.0	<1.0	1.22 J	55.4	173	<1.0
B15-SS-2.5	6/8/2021	2.5	<2.0	5.62	136	<1.0	<1.0	23.3	--	7.74	18.4	50.4	<1.0	14.4	<2.0	<1.0	1.12 J	33.9	75.8	<1.0
B15-SS-4.5	6/8/2021	4.5	<2.0	3.67	126	<1.0	<1.0	14.5	--	5.45	11.3	2.94	<1.0	9.7	<2.0	<1.0	<1.0	26.6	30	<1.0
B16-SS-0.5	6/8/2021	0.5	2	3.58	1460	<1.0	1.49	35.8	0.300	9.4	26.1	69.3	4.03	29	<2.0	<1.0	1.02 J	56.4	85.2	<1.0
B16-SS-2.5	6/8/2021	2.5	<2.0	4.28	204	<1.0	<1.0	20.3	--	7.44	34.6	87.5	<1.0	16.1	<2.0	<1.0	<1.0	37.5	111	<1.0
B16-SS-4.5	6/8/2021	4.5	<2.0	3.5	155	<1.0	<1.0	17.6	--	6.26	20.6	75.8	<1.0	12	<2.0	<1.0	<1.0	31.4	92.1	0.102
B16-SS-4.5 D	6/8/2021	4.5	<2.0	3.65	140	<1.0	<1.0	18.2	--	6.6	19.6	67.0	<1.0	11.9	<2.0	<1.0	<1.0	32.2	87.9	0.1

NOTES:

(1) Refer to Figure 2 for sampling locations

(2) Sampling depth is reported as feet below ground surface (bgs).

(3) Concentrations reported in milligrams per kilogram (mg/kg)

(4) California Department of Toxic Substances Control (DTSC) Human and Ecological Risk Office (HERO) Human Health Risk Assessment (HHRA) Note No.3 - Soil Values in mg/kg - June, 2020

(5) United States Environmental Protection Agency (USEPA) Regional Screening Levels (RSL) for Residential Soils - Soil Values in mg/kg-November 2021

(6) Background Concentrations of Trace and Major Elements in California Soils, Kearney Foundation of Soil Science, University of California, G. R. Bradford et.al., March 1996

< - Indicates the concentration was not detected above the laboratory method detection limit.

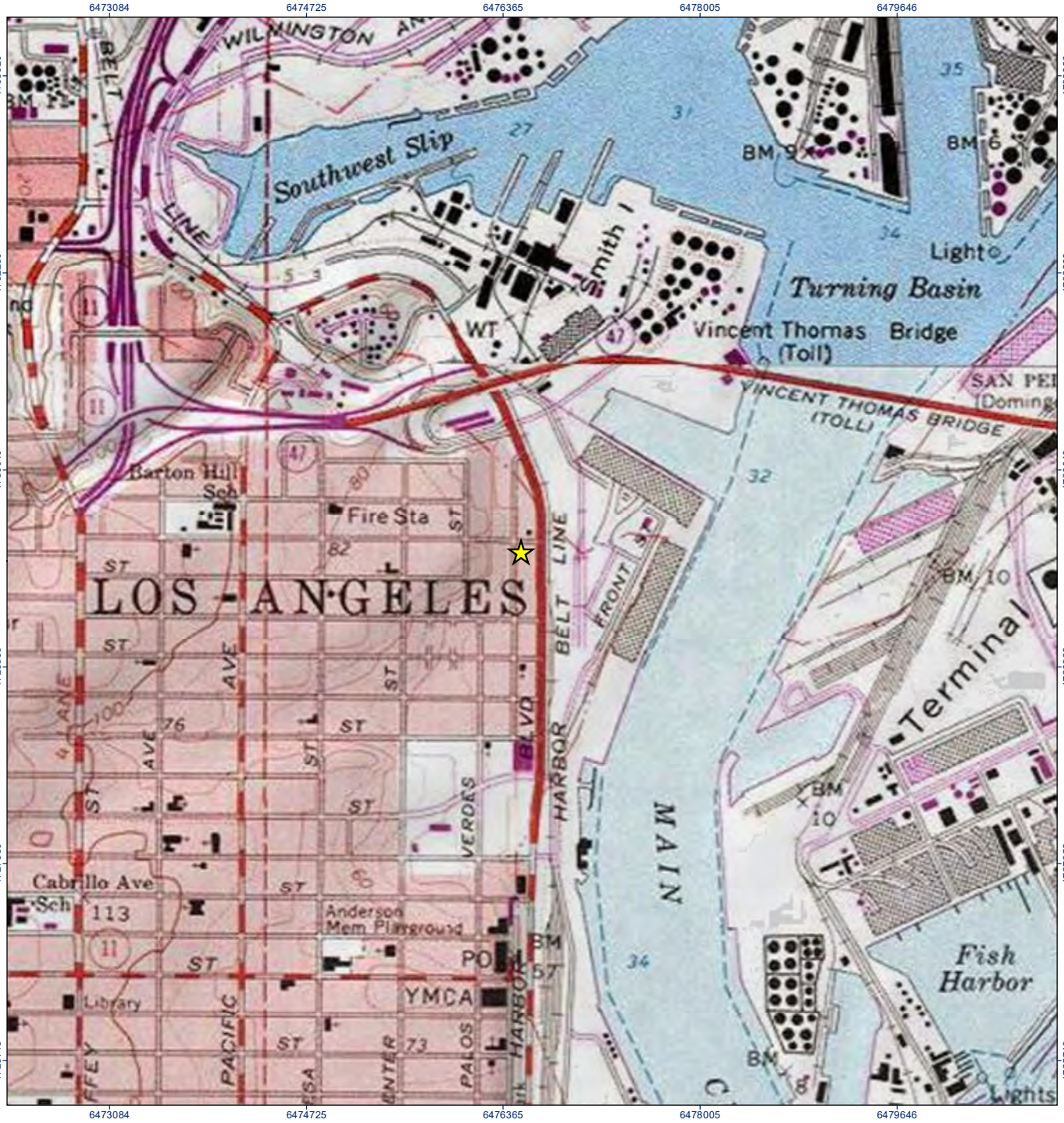
ABBREVIATIONS:

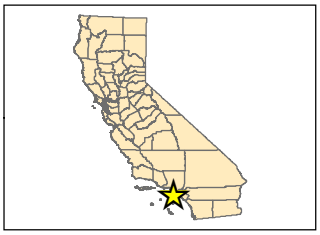
bgs - below ground surface

NE - Not Established

-- Not Analyzed

FIGURES





★ Project Location

0 600 1,200 Feet

(At original document size of 8.5x11)
1:15,000

N

Stantec

Project Location
319-327 North Harbor Boulevard
San Pedro, California

Prepared by KG on 2022-01-31
TR by ST on 2022-02-07
IR by JD on 2022-01-31

Client/Project 185805491-0001 REVA

One San Pedro Collaborative, LLC.
Phase II Environmental Site Assessment

Figure No.
1

Title
Site Location

Notes
1. Coordinate System: NAD 1983 StatePlane California V FIPS 0405 Feet
2. Data Sources: Stantec, 2022.
3. Background: ESRI, 2022. Copyright:© 2013 National Geographic Society, i-cubed

U:\185805491\03_data\gis_cad\gis\site_location.mxd Revised: 2022-04-24 By: kgrasso

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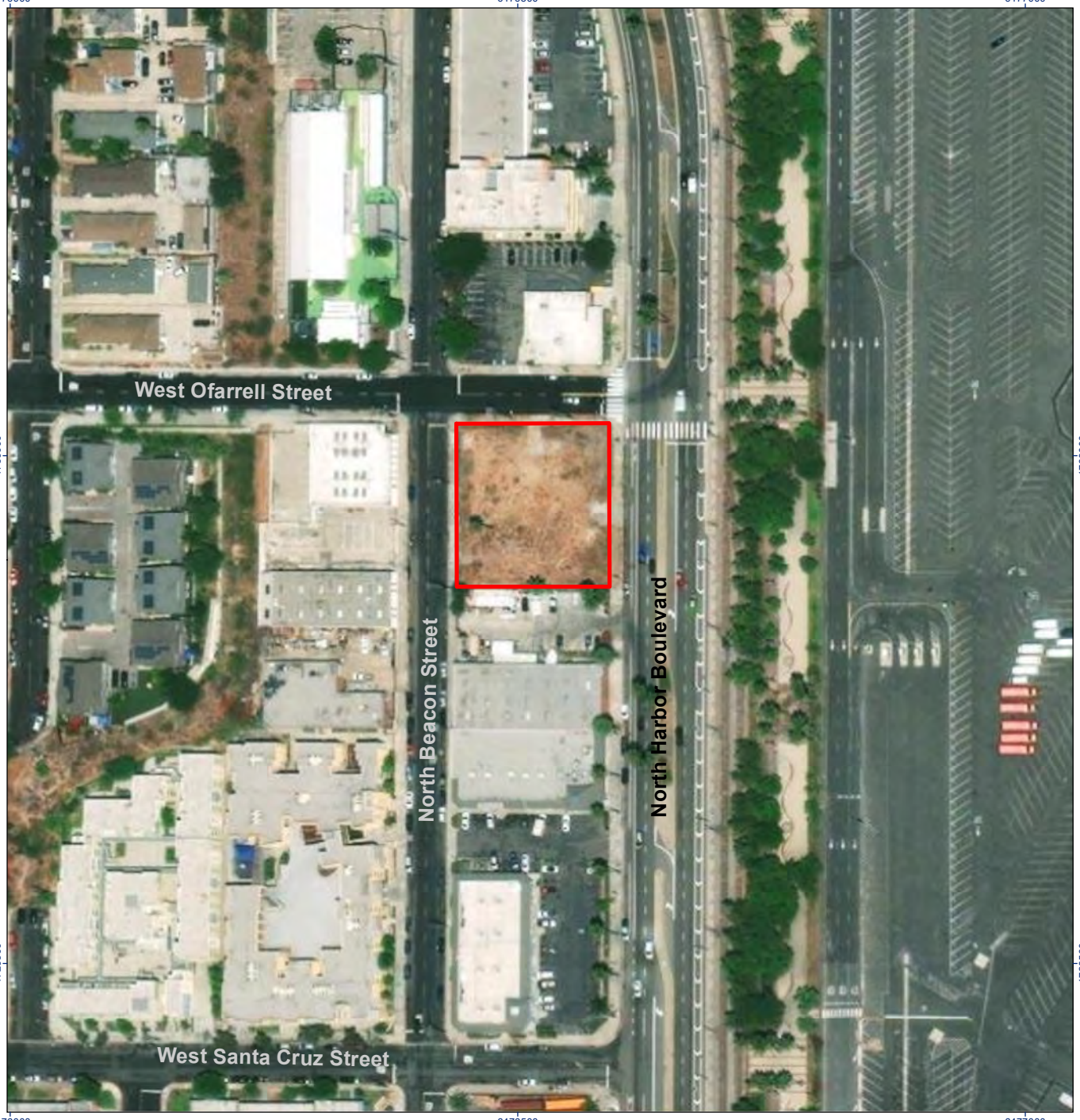

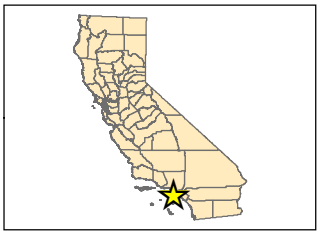

Site Boundary, Approximate Location

0 100 200 Feet

(At original document size of 8.5x11)
1:1,800

N

Stantec

Project Location
319-327 North Harbor Boulevard
San Pedro, California

Prepared by KG on 2022-01-31
TR by ST on 2022-02-07
IR by JD on 2022-01-31

Client/Project
185805491-0002 REVA

One San Pedro Collaborative, LLC.
Phase II Environmental Site Assessment

Figure No.
2

Title
Site Vicinity

Notes
1. Coordinate System: NAD 1983 StatePlane California V FIPS 0405 Feet
2. Data Sources:
3. Background: Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

U:\185805491\03_data\gis_cad\gis\fig2_site_vicinity.mxd Revised: 2022-04-24 By: kgrasso

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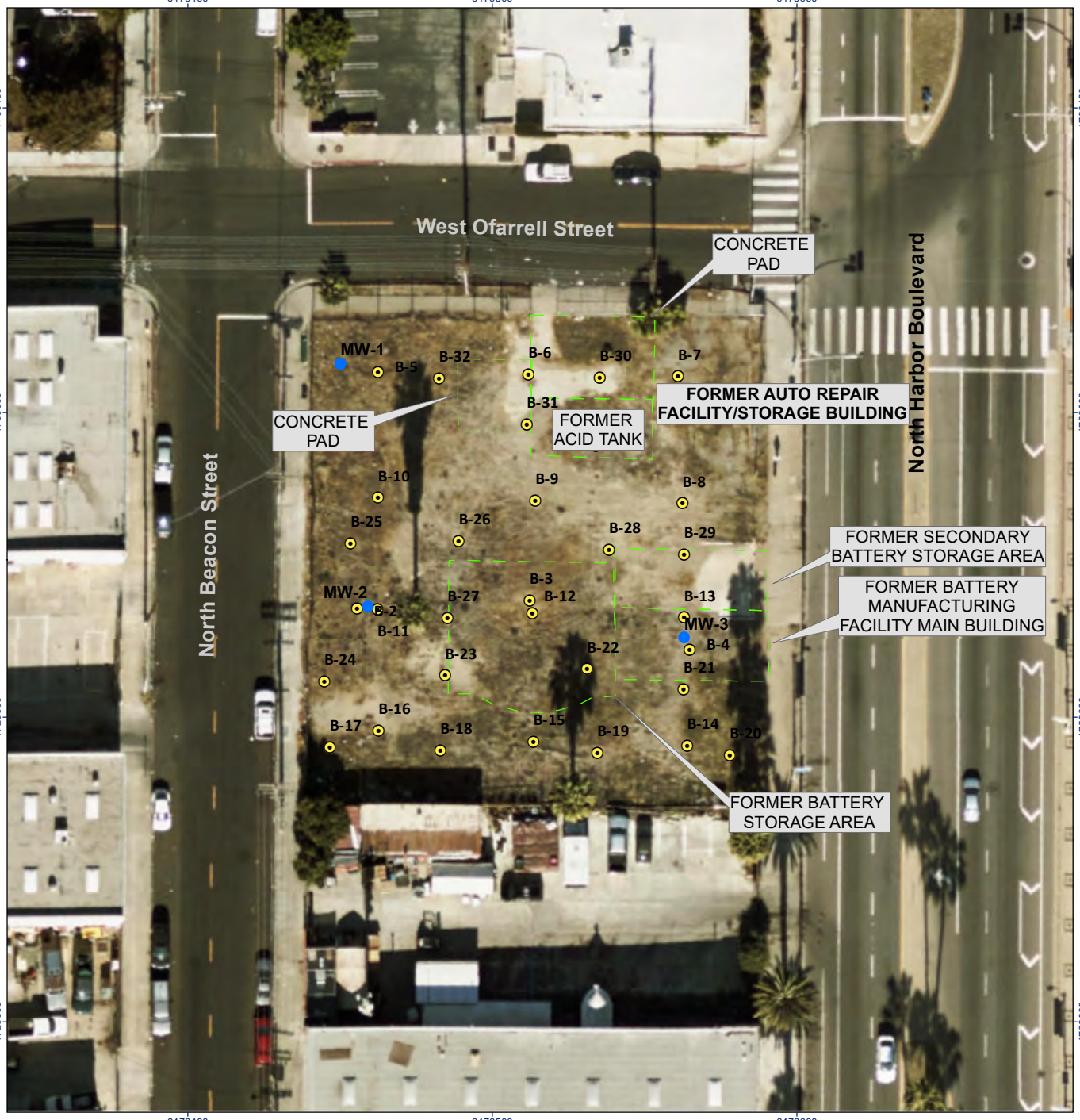

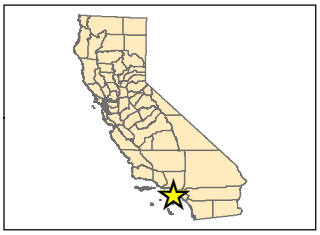

Soil Boring, Approximate

Monitoring Well, Approximate

Site Features, Approximate

Site Boundary, Approximate

0 25 50 Feet

(At original document size of 8.5x11)
1:600

N

Stantec

Project Location
319-327 North Harbor Boulevard
San Pedro, California

Prepared by KG on 2022-01-31
TR by ST on 2022-02-07
IR by JD on 2022-01-31

Client/Project 185805491-0003 REVA

One San Pedro Collaborative, LLC.
Phase II Environmental Site Assessment

Figure No.
3

Title
Site Map With Boring And Well Locations

Notes
1. Coordinate System: NAD 1983 StatePlane California V FIPS 0405 Feet
2. Data Sources: Stantec, 2022
3. Background: Source: Esri, Maxar, GeoEye, Earthstar Geographics, CNES/Airbus DS, USDA, USGS, AeroGRID, IGN, and the GIS User Community

U:\185805491\03_data\gis_cad\gis\subsurface_investigations.mxd Revised: 2022-04-24 By: kgrasso

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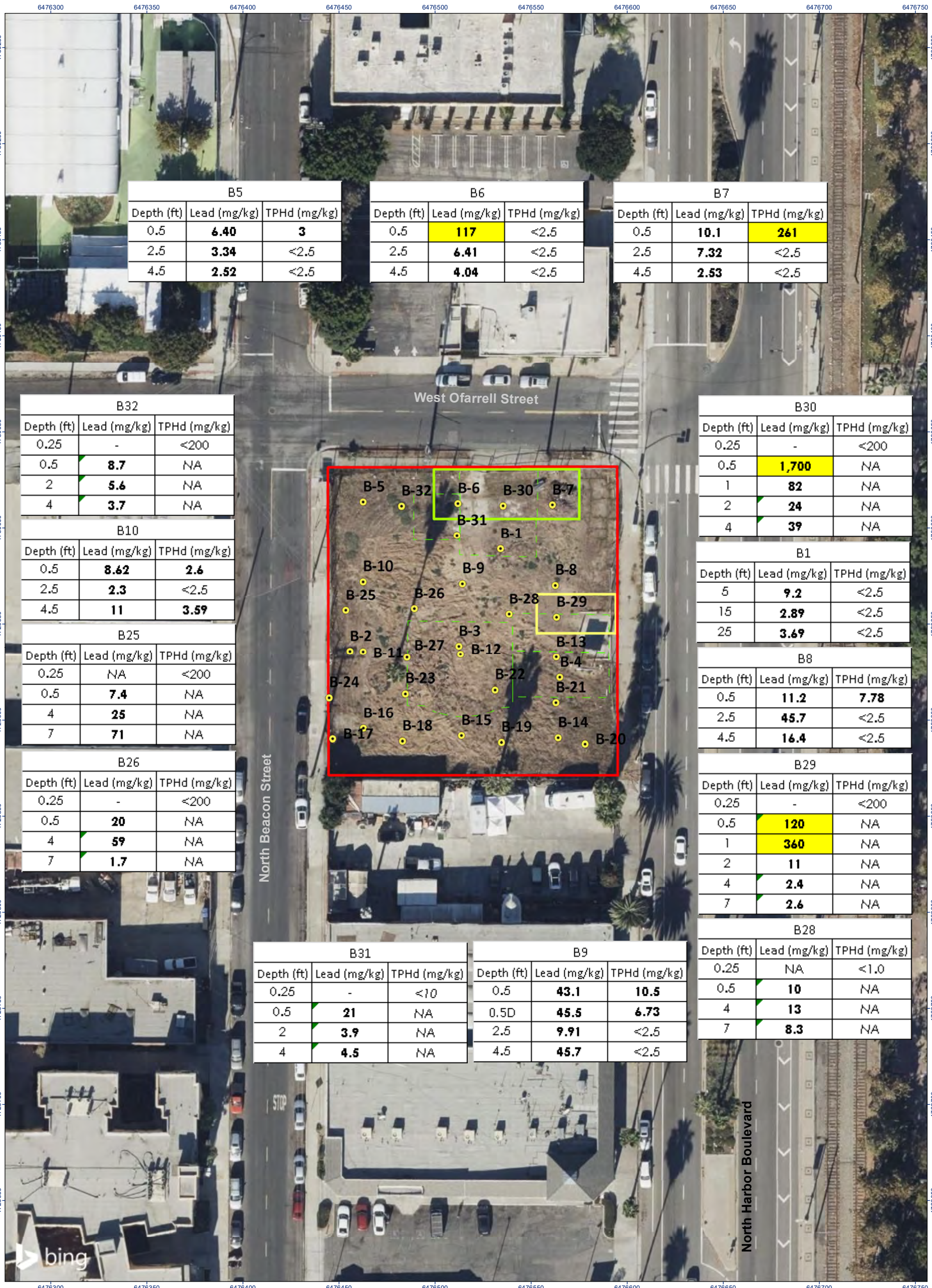

B5		
Depth (ft)	Lead (mg/kg)	TPHd (mg/kg)
0.5	**6.40**	**3**
2.5	**3.34**	<2.5
4.5	**2.52**	<2.5

B6		
Depth (ft)	Lead (mg/kg)	TPHd (mg/kg)
0.5	**117**	<2.5
2.5	**6.41**	<2.5
4.5	**4.04**	<2.5

B7		
Depth (ft)	Lead (mg/kg)	TPHd (mg/kg)
0.5	**10.1**	**261**
2.5	**7.32**	<2.5
4.5	**2.53**	<2.5

B32		
Depth (ft)	Lead (mg/kg)	TPHd (mg/kg)
0.25	-	<200
0.5	**8.7**	NA
2	**5.6**	NA
4	**3.7**	NA

B10		
Depth (ft)	Lead (mg/kg)	TPHd (mg/kg)
0.5	**8.62**	**2.6**
2.5	**2.3**	<2.5
4.5	**11**	**3.59**

B25		
Depth (ft)	Lead (mg/kg)	TPHd (mg/kg)
0.25	NA	<200
0.5	**7.4**	NA
4	**25**	NA
7	**71**	NA

B26		
Depth (ft)	Lead (mg/kg)	TPHd (mg/kg)
0.25	-	<200
0.5	**20**	NA
4	**59**	NA
7	**1.7**	NA

B30		
Depth (ft)	Lead (mg/kg)	TPHd (mg/kg)
0.25	-	<200
0.5	**1,700**	NA
1	**82**	NA
2	**24**	NA
4	**39**	NA

B1		
Depth (ft)	Lead (mg/kg)	TPHd (mg/kg)
5	**9.2**	<2.5
15	**2.89**	<2.5
25	**3.69**	<2.5

B8		
Depth (ft)	Lead (mg/kg)	TPHd (mg/kg)
0.5	**11.2**	**7.78**
2.5	**45.7**	<2.5
4.5	**16.4**	<2.5

B29		
Depth (ft)	Lead (mg/kg)	TPHd (mg/kg)
0.25	-	<200
0.5	**120**	NA
1	**360**	NA
2	**11**	NA
4	**2.4**	NA
7	**2.6**	NA

B28		
Depth (ft)	Lead (mg/kg)	TPHd (mg/kg)
0.25	NA	<1.0
0.5	**10**	NA
4	**13**	NA
7	**8.3**	NA

B31		
Depth (ft)	Lead (mg/kg)	TPHd (mg/kg)
0.25	-	<10
0.5	**21**	NA
2	**3.9**	NA
4	**4.5**	NA

B9		
Depth (ft)	Lead (mg/kg)	TPHd (mg/kg)
0.5	**43.1**	**10.5**
0.5D	**45.5**	**6.73**
2.5	**9.91**	<2.5
4.5	**45.7**	<2.5

- Soil Boring, Approximate Location
- Site Features, Approximate Location
- Excavation to 1 ft. bgs.
- Excavation to 2 ft. bgs.

0 25 50 Feet
(At original document size of 8.5x11)
1:600

N

Notes
1. Coordinate System: NAD 1983 2011 StatePlane California V FIPS 0405 Ft US
2. Data Sources: Stantec, 2022
3. Background: © 2022 Microsoft Corporation © 2022 Maxar ©CNES (2022) Distribution Airbus DS

Stantec

Project Location
319-327 North Harbor Boulevard
San Pedro, California

Prepared by KG on 2022-01-31
TR by ST on 2022-02-07
IR by JD on 2022-01-31

Client/Project 185805491-0004A REVA

One San Pedro Collaborative, LLC.
Phase II Environmental Site Assessment

Figure No.
4A

Title
Analytical Results From Northern Borings And Proposed Excavation Areas

U:\185805491\03_data\gis_cad\gis\fig4a_analytical_results_11x17.mxd Revised: 2022-04-24 By: kgrasso

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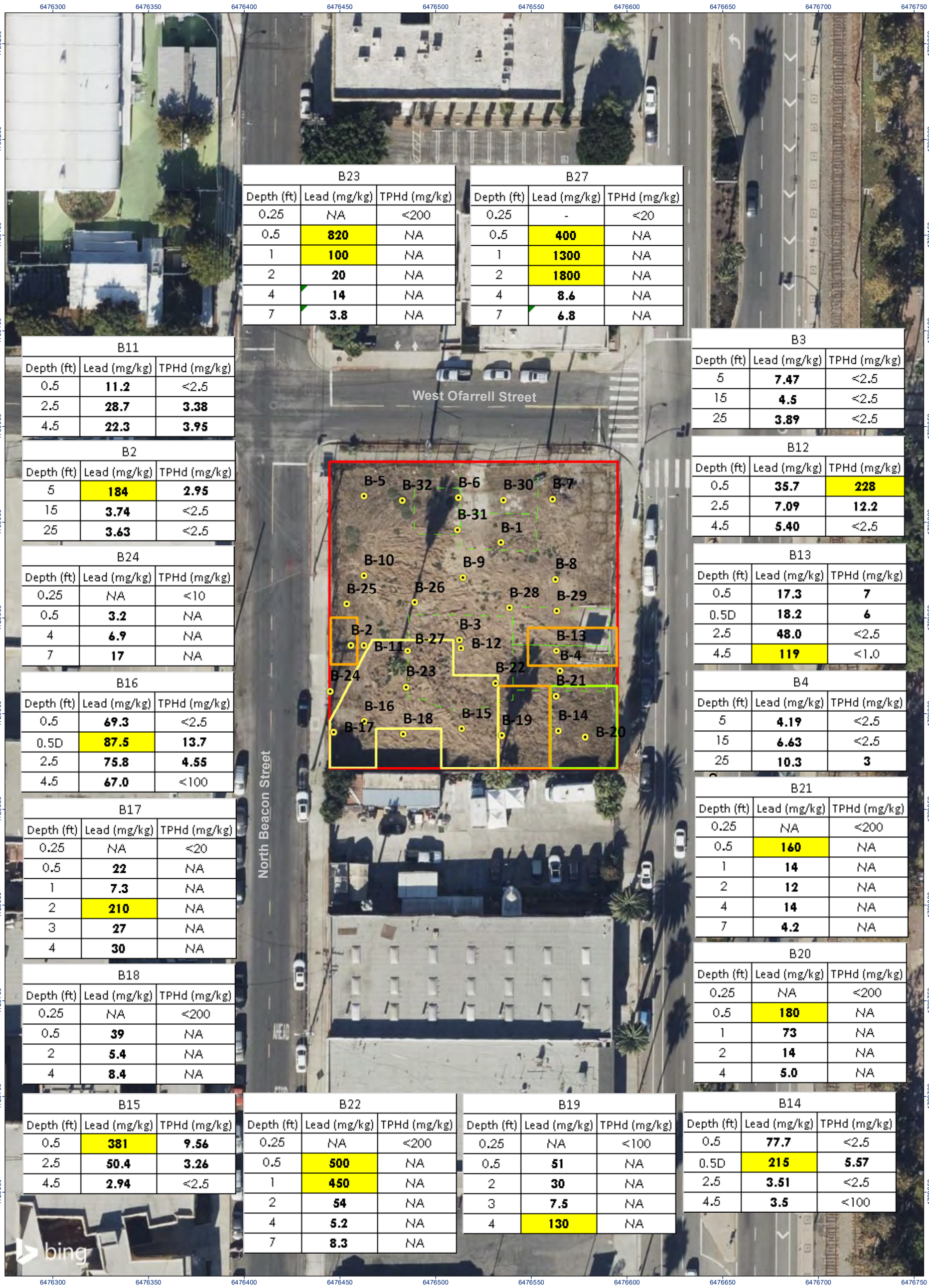


B23		
Depth (ft)	Lead (mg/kg)	TPHd (mg/kg)
0.25	NA	<200
0.5	**820**	NA
1	**100**	NA
2	**20**	NA
4	**14**	NA
7	**3.8**	NA

B27		
Depth (ft)	Lead (mg/kg)	TPHd (mg/kg)
0.25	-	<20
0.5	**400**	NA
1	**1300**	NA
2	**1800**	NA
4	**8.6**	NA
7	**6.8**	NA

B11		
Depth (ft)	Lead (mg/kg)	TPHd (mg/kg)
0.5	**11.2**	<2.5
2.5	**28.7**	**3.38**
4.5	**22.3**	**3.95**

B3		
Depth (ft)	Lead (mg/kg)	TPHd (mg/kg)
5	**7.47**	<2.5
15	**4.5**	<2.5
25	**3.89**	<2.5

B2		
Depth (ft)	Lead (mg/kg)	TPHd (mg/kg)
5	**184**	**2.95**
15	**3.74**	<2.5
25	**3.63**	<2.5

B12		
Depth (ft)	Lead (mg/kg)	TPHd (mg/kg)
0.5	**35.7**	**228**
2.5	**7.09**	**12.2**
4.5	**5.40**	<2.5

B24		
Depth (ft)	Lead (mg/kg)	TPHd (mg/kg)
0.25	NA	<10
0.5	**3.2**	NA
4	**6.9**	NA
7	**17**	NA

B13		
Depth (ft)	Lead (mg/kg)	TPHd (mg/kg)
0.5	**17.3**	**7**
0.5D	**18.2**	**6**
2.5	**48.0**	<2.5
4.5	**119**	<1.0

B16		
Depth (ft)	Lead (mg/kg)	TPHd (mg/kg)
0.5	**69.3**	<2.5
0.5D	**87.5**	**13.7**
2.5	**75.8**	**4.55**
4.5	**67.0**	<100

B4		
Depth (ft)	Lead (mg/kg)	TPHd (mg/kg)
5	**4.19**	<2.5
15	**6.63**	<2.5
25	**10.3**	**3**

B17		
Depth (ft)	Lead (mg/kg)	TPHd (mg/kg)
0.25	NA	<20
0.5	**22**	NA
1	**7.3**	NA
2	**210**	NA
3	**27**	NA
4	**30**	NA

B21		
Depth (ft)	Lead (mg/kg)	TPHd (mg/kg)
0.25	NA	<200
0.5	**160**	NA
1	**14**	NA
2	**12**	NA
4	**14**	NA
7	**4.2**	NA

B18		
Depth (ft)	Lead (mg/kg)	TPHd (mg/kg)
0.25	NA	<200
0.5	**39**	NA
2	**5.4**	NA
4	**8.4**	NA

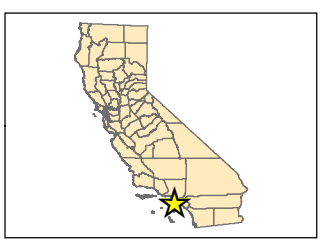
B20		
Depth (ft)	Lead (mg/kg)	TPHd (mg/kg)
0.25	NA	<200
0.5	**180**	NA
1	**73**	NA
2	**14**	NA
4	**5.0**	NA

B15		
Depth (ft)	Lead (mg/kg)	TPHd (mg/kg)
0.5	**381**	**9.56**
2.5	**50.4**	**3.26**
4.5	**2.94**	<2.5

B22		
Depth (ft)	Lead (mg/kg)	TPHd (mg/kg)
0.25	NA	<200
0.5	**500**	NA
1	**450**	NA
2	**54**	NA
4	**5.2**	NA
7	**8.3**	NA

B19		
Depth (ft)	Lead (mg/kg)	TPHd (mg/kg)
0.25	NA	<100
0.5	**51**	NA
2	**30**	NA
3	**7.5**	NA
4	**130**	NA

B14		
Depth (ft)	Lead (mg/kg)	TPHd (mg/kg)
0.5	**77.7**	<2.5
0.5D	**215**	**5.57**
2.5	**3.51**	<2.5
4.5	**3.5**	<100



- Soil Boring, Approximate Location
- Excavation to at least 5 ft. bgs.
- Excavation to 2 ft. bgs.
- Excavation to 1 ft. bgs.
- Site Boundary, Approximate Location

0 25 50 Feet
(At original document size of 8.5x11)
1:600

N

Notes
1. Coordinate System: NAD 1983 2011 StatePlane California V FIPS 0405 Ft US
2. Data Sources: Stantec, 2022
3. Background: © 2022 Microsoft Corporation © 2022 Maxar ©CNES (2022) Distribution Airbus DS

Stantec

Project Location
319-327 North Harbor Boulevard
San Pedro, California

Prepared by KG on 2022-01-31
TR by ST on 2022-02-07
IR by JD on 2022-01-31

Client/Project 185805491-0004B REVA

One San Pedro Collaborative, LLC.
Phase II Environmental Site Assessment

Figure No.
4B

Title
Analytical Results From Southern Borings And Proposed Excavation Areas

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APPENDIX A

LACFD 2008Letters

COUNTY OF LOS ANGELES

FIRE DEPARTMENT

P. MICHAEL FREEMAN
FIRE CHIEF
FORESTER & FIRE WARDEN

Refer reply to
Health Hazardous Materials Division
5825 Rickenbacker Rd.
Commerce CA 90040-302

July 17, 2008

Bill Ashai, CFO
Sepia Homes Incorporated c/o
Ashai Design Corp.
21515 Hawthorne Blvd., Suite 960
Torrance, CA 90503

Dear Mr. Ashai:

FORMER ARCO BATTERY MANUFACTURER – 319 AND 327 NORTH HARBOR BLVD. SAN PEDRO, CA 90733; SMU #06-687/RO0000198

This Department has completed a review of the reports entitled, "Soil Remediation Report, Former Arco Battery Site, 319-327 North Harbor Boulevard, San Pedro, California" (revised), dated May 12, 2008 and Addendum to Report, 327 North Harbor Boulevard, San Pedro, CA," dated June 30, 2008, submitted by your consultant, JHD Services. Based on information provided in the reports and with the provision that the information was accurate and representative of existing conditions, we concur with your consultant that the known site contamination has been satisfactorily mitigated for unrestricted use, and no further action is required at the subject site. The Site Mitigation Unit of this Department has no further requirement or restriction relating to this site at this time.

This letter, however, does not relieve you of any liability under the California Health and Safety Code, the State Water Code, or other applicable laws and regulations, nor does it relieve you of responsibility for any unidentified conditions or future operations that could pose an environmental concern.

If you have any questions, please feel free to call Richard L. Clark at (323) 890-4027.

Very truly yours,

SHAHIN NOURISHAD, SUPERVISOR
SITE MITIGATION UNIT
HEALTH HAZARDOUS MATERIALS DIVISION

SN:rc

C: J. Daly, JHD Services

APPENDIX B

Laboratory Data Sheets

ADVANCED TECHNOLOGY LABORATORIES

January 25, 2022

Jim Dewoody
Stantec
735 E. Carnegie Drive, Suite 280
San Bernardino, CA 92408
Tel: (909) 335-6116
Fax:(909) 335-6120

ELAP No.: 1838
CSDLAC No.: 10196
ORELAP No.: CA300003

Re: ATL Work Order Number : 2200066
Client Reference : 319-327 N. HARBOR BLVD, SAN PEDRO

Enclosed are the results for sample(s) received on January 18, 2022 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or Project.Management@atlglobal.com.

Sincerely,

Victoria Michel, Project Assistant
Victoria.Michel@atlglobal.com
Authorized to Release on 01/25/22 09:30 on Behalf of

Amy Leung
Laboratory Director

The test results in this report relate exclusively to the samples as received by the laboratory, and meet the requirements of the methodology under which they were reported; any exceptions are noted within the report and/ or case narrative.

The cover letter/ signature page and the case narrative are integral parts of this analytical report; the absence of any portion of the report renders the report invalid. This report shall not be reproduced except in full, and shall have the express written approval of the laboratory, and the original client firm to do so

.

The electronic signature on this report is signed by an authorized signatory of Advanced Technology Laboratories, and is intended to be legally binding as the equivalent of a handwritten signature.

Certificate of Analysis

Stantec		Project Number :	319-327 N. HARBOR BLVD, SAN PEDRO
735 E. Carnegie Drive, Suite 280		Report To :	Jim Dewoody
San Bernardino , CA 92408		Reported :	01/25/2022

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B-17-0.25	2200066-01	Soil	1/18/22 8:30	1/18/22 15:25
B-17-0.5	2200066-02	Soil	1/18/22 8:33	1/18/22 15:25
B-17-1	2200066-03	Soil	1/18/22 8:36	1/18/22 15:25
B-17-2	2200066-04	Soil	1/18/22 8:40	1/18/22 15:25
B-17-3	2200066-05	Soil	1/18/22 8:44	1/18/22 15:25
B-17-4	2200066-06	Soil	1/18/22 8:45	1/18/22 15:25
B-18-0.25	2200066-07	Soil	1/18/22 8:51	1/18/22 15:25
B-18-0.5	2200066-08	Soil	1/18/22 8:52	1/18/22 15:25
B-18-1	2200066-09	Soil	1/18/22 8:54	1/18/22 15:25
B-18-2	2200066-10	Soil	1/18/22 8:56	1/18/22 15:25
B-18-3	2200066-11	Soil	1/18/22 8:58	1/18/22 15:25
B-18-4	2200066-12	Soil	1/18/22 9:00	1/18/22 15:25
B-19-0.25	2200066-13	Soil	1/18/22 9:04	1/18/22 15:25
B-19-0.5	2200066-14	Soil	1/18/22 9:06	1/18/22 15:25
B-19-1	2200066-15	Soil	1/18/22 9:08	1/18/22 15:25
B-19-2	2200066-16	Soil	1/18/22 9:10	1/18/22 15:25
B-19-3	2200066-17	Soil	1/18/22 9:12	1/18/22 15:25
B-19-4	2200066-18	Soil	1/18/22 9:14	1/18/22 15:25
B-20-0.25	2200066-19	Soil	1/18/22 9:16	1/18/22 15:25
B-20-0.5	2200066-20	Soil	1/18/22 9:18	1/18/22 15:25
B-20-1	2200066-21	Soil	1/18/22 9:19	1/18/22 15:25
B-20-2	2200066-22	Soil	1/18/22 9:21	1/18/22 15:25
B-20-3	2200066-23	Soil	1/18/22 9:24	1/18/22 15:25
B-20-4	2200066-24	Soil	1/18/22 9:26	1/18/22 15:25
B-21-0.25	2200066-25	Soil	1/18/22 9:40	1/18/22 15:25
B-21-0.5	2200066-26	Soil	1/18/22 9:41	1/18/22 15:25
B-21-1	2200066-27	Soil	1/18/22 9:42	1/18/22 15:25
B-21-2	2200066-28	Soil	1/18/22 9:44	1/18/22 15:25
B-21-3	2200066-29	Soil	1/18/22 9:48	1/18/22 15:25
B-21-4	2200066-30	Soil	1/18/22 9:50	1/18/22 15:25
B-21-5	2200066-31	Soil	1/18/22 11:10	1/18/22 15:25
B-21-7	2200066-32	Soil	1/18/22 11:20	1/18/22 15:25
B-22-0.25	2200066-33	Soil	1/18/22 11:21	1/18/22 15:25
B-22-0.5	2200066-34	Soil	1/18/22 11:22	1/18/22 15:25
B-22-1	2200066-35	Soil	1/18/22 11:23	1/18/22 15:25

Certificate of Analysis

Stantec	Project Number :	319-327 N. HARBOR BLVD, SAN PEDRO	
735 E. Carnegie Drive, Suite 280	Report To :	Jim Dewoody	
San Bernardino , CA 92408	Reported :	01/25/2022	

B-22-2	2200066-36	Soil	1/18/22 11:24	1/18/22 15:25
B-22-3	2200066-37	Soil	1/18/22 11:25	1/18/22 15:25
B-22-4	2200066-38	Soil	1/18/22 11:26	1/18/22 15:25
B-22-5	2200066-39	Soil	1/18/22 11:31	1/18/22 15:25
B-22-7	2200066-40	Soil	1/18/22 11:34	1/18/22 15:25
B-23-0.25	2200066-41	Soil	1/18/22 11:38	1/18/22 15:25
B-23-0.5	2200066-42	Soil	1/18/22 11:40	1/18/22 15:25
B-23-1	2200066-43	Soil	1/18/22 11:42	1/18/22 15:25
B-23-2	2200066-44	Soil	1/18/22 12:10	1/18/22 15:25
B-23-3	2200066-45	Soil	1/18/22 12:13	1/18/22 15:25
B-24-0.25	2200066-46	Soil	1/18/22 12:21	1/18/22 15:25
B-24-0.5	2200066-47	Soil	1/18/22 12:23	1/18/22 15:25
B-24-1	2200066-48	Soil	1/18/22 12:25	1/18/22 15:25
B-24-2	2200066-49	Soil	1/18/22 12:28	1/18/22 15:25
B-24-3	2200066-50	Soil	1/18/22 12:30	1/18/22 15:25
B-24-4	2200066-51	Soil	1/18/22 12:31	1/18/22 15:25
B-24-5	2200066-52	Soil	1/18/22 12:32	1/18/22 15:25
B-24-7	2200066-53	Soil	1/18/22 12:40	1/18/22 15:25
B-25-0.25	2200066-54	Soil	1/18/22 12:45	1/18/22 15:25
B-25-0.5	2200066-55	Soil	1/18/22 12:46	1/18/22 15:25
B-25-1	2200066-56	Soil	1/18/22 12:49	1/18/22 15:25
B-25-2	2200066-57	Soil	1/18/22 12:53	1/18/22 15:25
B-25-3	2200066-58	Soil	1/18/22 12:57	1/18/22 15:25
B-25-4	2200066-59	Soil	1/18/22 12:59	1/18/22 15:25
B-25-5	2200066-60	Soil	1/18/22 13:05	1/18/22 15:25
B-25-7	2200066-61	Soil	1/18/22 13:10	1/18/22 15:25
B-26-0.25	2200066-62	Soil	1/18/22 13:15	1/18/22 15:25
B-26-0.5	2200066-63	Soil	1/18/22 13:16	1/18/22 15:25
B-26-1	2200066-64	Soil	1/18/22 13:18	1/18/22 15:25
B-26-2	2200066-65	Soil	1/18/22 13:24	1/18/22 15:25
B-27-0.25	2200066-66	Soil	1/18/22 13:39	1/18/22 15:25
B-27-0.5	2200066-67	Soil	1/18/22 13:42	1/18/22 15:25
B-27-1	2200066-68	Soil	1/18/22 13:43	1/18/22 15:25
B-27-2	2200066-69	Soil	1/18/22 13:45	1/18/22 15:25
B-27-3	2200066-70	Soil	1/18/22 13:46	1/18/22 15:25
B-27-4	2200066-71	Soil	1/18/22 13:47	1/18/22 15:25
B-27-5	2200066-72	Soil	1/18/22 13:48	1/18/22 15:25

Certificate of Analysis

Stantec	Project Number : 319-327 N. HARBOR BLVD, SAN PEDRO
735 E. Carnegie Drive, Suite 280	Report To : Jim Dewoody
San Bernardino , CA 92408	Reported : 01/25/2022

Lead by ICP-AES EPA 6010B

Analyte: Lead **Analyst: WT**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
2200066-02	B-17-0.5	**22**	mg/kg	1.0	0.18	1	B2A1034	01/20/2022	01/20/22 16:31	
2200066-04	B-17-2	**210**	mg/kg	1.0	0.18	1	B2A1034	01/20/2022	01/20/22 16:34	
2200066-06	B-17-4	**30**	mg/kg	1.0	0.18	1	B2A1034	01/20/2022	01/20/22 16:39	
2200066-08	B-18-0.5	**39**	mg/kg	1.0	0.18	1	B2A1034	01/20/2022	01/20/22 16:45	
2200066-10	B-18-2	**5.4**	mg/kg	1.0	0.18	1	B2A1034	01/20/2022	01/20/22 16:46	
2200066-12	B-18-4	**8.4**	mg/kg	1.0	0.18	1	B2A1034	01/20/2022	01/20/22 16:48	
2200066-14	B-19-0.5	**51**	mg/kg	1.0	0.18	1	B2A1034	01/20/2022	01/20/22 16:49	
2200066-16	B-19-2	**30**	mg/kg	1.0	0.18	1	B2A1034	01/20/2022	01/20/22 16:51	
2200066-18	B-19-4	**130**	mg/kg	1.0	0.18	1	B2A1034	01/20/2022	01/20/22 16:52	
2200066-20	B-20-0.5	**180**	mg/kg	1.0	0.18	1	B2A1034	01/20/2022	01/20/22 16:53	
2200066-22	B-20-2	**14**	mg/kg	1.0	0.18	1	B2A1034	01/20/2022	01/20/22 16:54	
2200066-24	B-20-4	**5.0**	mg/kg	1.0	0.18	1	B2A1034	01/20/2022	01/20/22 16:55	
2200066-26	B-21-0.5	**160**	mg/kg	1.0	0.18	1	B2A1034	01/20/2022	01/20/22 16:56	
2200066-30	B-21-4	**14**	mg/kg	1.0	0.18	1	B2A1034	01/20/2022	01/20/22 17:00	
2200066-32	B-21-7	**4.2**	mg/kg	1.0	0.18	1	B2A1034	01/20/2022	01/20/22 17:01	
2200066-34	B-22-0.5	**500**	mg/kg	1.0	0.18	1	B2A1034	01/20/2022	01/20/22 17:02	
2200066-38	B-22-4	**5.2**	mg/kg	1.0	0.18	1	B2A1034	01/20/2022	01/20/22 17:03	
2200066-40	B-22-7	**8.3**	mg/kg	1.0	0.18	1	B2A1034	01/20/2022	01/20/22 17:05	
2200066-42	B-23-0.5	**820**	mg/kg	1.0	0.18	1	B2A1034	01/20/2022	01/20/22 17:06	
2200066-47	B-24-0.5	**3.2**	mg/kg	1.0	0.18	1	B2A1034	01/20/2022	01/20/22 17:07	
2200066-51	B-24-4	**6.9**	mg/kg	1.0	0.18	1	B2A1035	01/20/2022	01/20/22 17:11	
2200066-53	B-24-7	**17**	mg/kg	1.0	0.18	1	B2A1035	01/20/2022	01/20/22 17:18	
2200066-55	B-25-0.5	**7.4**	mg/kg	1.0	0.18	1	B2A1035	01/20/2022	01/20/22 17:20	
2200066-59	B-25-4	**25**	mg/kg	1.0	0.18	1	B2A1035	01/20/2022	01/20/22 17:21	
2200066-61	B-25-7	**71**	mg/kg	1.0	0.18	1	B2A1035	01/20/2022	01/20/22 17:23	
2200066-63	B-26-0.5	**20**	mg/kg	1.0	0.18	1	B2A1035	01/20/2022	01/20/22 17:23	
2200066-67	B-27-0.5	**400**	mg/kg	1.0	0.18	1	B2A1035	01/20/2022	01/20/22 17:25	
2200066-71	B-27-4	**8.6**	mg/kg	1.0	0.18	1	B2A1035	01/20/2022	01/20/22 17:26	

Certificate of Analysis

Stantec		Project Number :	319-327 N. HARBOR BLVD, SAN PEDRO
735 E. Carnegie Drive, Suite 280		Report To :	Jim Dewoody
San Bernardino , CA 92408		Reported :	01/25/2022

Client Sample ID B-17-0.25
Lab ID: 2200066-01

Gasoline Range Organics by EPA 8015B (Modified)

Analyst: KL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	0.98	1	B2A1006	01/19/2022	01/19/22 12:23	
Surrogate: 4-Bromofluorobenzene	*97.1 %*	*47.6 - 121.18*		B2A1006	01/19/2022	*01/19/22 12:23*	

Diesel and Oil Range Organics by EPA 8015B

Analyst: KL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	ND	20	2	B2A1015	01/19/2022	01/19/22 17:19	D1
ORO	**29**	20	2	B2A1015	01/19/2022	01/19/22 17:19	D1
Surrogate: p-Terphenyl	*104 %*	*62 - 141*		B2A1015	01/19/2022	*01/19/22 17:19*	

Client Sample ID B-18-0.25
Lab ID: 2200066-07

Gasoline Range Organics by EPA 8015B (Modified)

Analyst: KL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B2A1006	01/19/2022	01/19/22 12:47	
Surrogate: 4-Bromofluorobenzene	*95.1 %*	*47.6 - 121.18*		B2A1006	01/19/2022	*01/19/22 12:47*	

Diesel and Oil Range Organics by EPA 8015B

Analyst: KL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	ND	200	20	B2A1015	01/19/2022	01/19/22 17:36	D1
ORO	ND	200	20	B2A1015	01/19/2022	01/19/22 17:36	D1
Surrogate: p-Terphenyl	*107 %*	*62 - 141*		B2A1015	01/19/2022	*01/19/22 17:36*	

Certificate of Analysis

Stantec		Project Number :	319-327 N. HARBOR BLVD, SAN PEDRO
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San Bernardino , CA 92408		Reported :	01/25/2022

Client Sample ID B-19-0.25
Lab ID: 2200066-13

Gasoline Range Organics by EPA 8015B (Modified)

Analyst: KL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B2A1006	01/19/2022	01/19/22 13:12	
Surrogate: 4-Bromofluorobenzene	*95.5 %*	*47.6 - 121.18*		B2A1006	01/19/2022	*01/19/22 13:12*	

Diesel and Oil Range Organics by EPA 8015B

Analyst: KL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	ND	100	10	B2A1015	01/19/2022	01/19/22 17:53	D1
ORO	ND	100	10	B2A1015	01/19/2022	01/19/22 17:53	D1
Surrogate: p-Terphenyl	*108 %*	*62 - 141*		B2A1015	01/19/2022	*01/19/22 17:53*	

Client Sample ID B-20-0.25
Lab ID: 2200066-19

Gasoline Range Organics by EPA 8015B (Modified)

Analyst: KL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	0.99	1	B2A1006	01/19/2022	01/19/22 13:37	
Surrogate: 4-Bromofluorobenzene	*95.1 %*	*47.6 - 121.18*		B2A1006	01/19/2022	*01/19/22 13:37*	

Diesel and Oil Range Organics by EPA 8015B

Analyst: KL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	ND	200	20	B2A1015	01/19/2022	01/19/22 18:10	D1
ORO	ND	200	20	B2A1015	01/19/2022	01/19/22 18:10	D1
Surrogate: p-Terphenyl	*134 %*	*62 - 141*		B2A1015	01/19/2022	*01/19/22 18:10*	

Certificate of Analysis

Stantec		Project Number :	319-327 N. HARBOR BLVD, SAN PEDRO
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San Bernardino , CA 92408		Reported :	01/25/2022

Client Sample ID B-21-0.25
Lab ID: 2200066-25

Gasoline Range Organics by EPA 8015B (Modified)

Analyst: KL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B2A1006	01/19/2022	01/19/22 14:01	
Surrogate: 4-Bromofluorobenzene	*91.4 %*	*47.6 - 121.18*		B2A1006	01/19/2022	*01/19/22 14:01*	

Diesel and Oil Range Organics by EPA 8015B

Analyst: KL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	ND	200	20	B2A1015	01/19/2022	01/19/22 18:28	D1
ORO	ND	200	20	B2A1015	01/19/2022	01/19/22 18:28	D1
Surrogate: p-Terphenyl	*109 %*	*62 - 141*		B2A1015	01/19/2022	*01/19/22 18:28*	

Client Sample ID B-22-0.25
Lab ID: 2200066-33

Gasoline Range Organics by EPA 8015B (Modified)

Analyst: KL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	0.99	1	B2A1006	01/19/2022	01/19/22 14:26	
Surrogate: 4-Bromofluorobenzene	*94.8 %*	*47.6 - 121.18*		B2A1006	01/19/2022	*01/19/22 14:26*	

Diesel and Oil Range Organics by EPA 8015B

Analyst: KL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	ND	200	20	B2A1015	01/19/2022	01/19/22 18:46	D1
ORO	ND	200	20	B2A1015	01/19/2022	01/19/22 18:46	D1
Surrogate: p-Terphenyl	*111 %*	*62 - 141*		B2A1015	01/19/2022	*01/19/22 18:46*	

Certificate of Analysis

Stantec		Project Number :	319-327 N. HARBOR BLVD, SAN PEDRO
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San Bernardino , CA 92408		Reported :	01/25/2022

Client Sample ID B-23-0.25
Lab ID: 2200066-41

Gasoline Range Organics by EPA 8015B (Modified)

Analyst: KL

Analyte		Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics		ND	0.99	1	B2A1006	01/19/2022	01/19/22 14:51	
Surrogate: 4-Bromofluorobenzene	*93.4 %*		*47.6 - 121.18*		B2A1006	01/19/2022	*01/19/22 14:51*	

Diesel and Oil Range Organics by EPA 8015B

Analyst: KL

Analyte		Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO		ND	200	20	B2A1015	01/19/2022	01/19/22 19:03	D1
ORO		**470**	200	20	B2A1015	01/19/2022	01/19/22 19:03	D1
Surrogate: p-Terphenyl	*83.5 %*		*62 - 141*		B2A1015	01/19/2022	*01/19/22 19:03*	

Client Sample ID B-24-0.25
Lab ID: 2200066-46

Gasoline Range Organics by EPA 8015B (Modified)

Analyst: KL

Analyte		Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics		ND	1.0	1	B2A1006	01/19/2022	01/19/22 15:15	
Surrogate: 4-Bromofluorobenzene	*95.2 %*		*47.6 - 121.18*		B2A1006	01/19/2022	*01/19/22 15:15*	

Diesel and Oil Range Organics by EPA 8015B

Analyst: KL

Analyte		Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO		ND	10	1	B2A1015	01/19/2022	01/19/22 19:21	
ORO		ND	10	1	B2A1015	01/19/2022	01/19/22 19:21	
Surrogate: p-Terphenyl	*115 %*		*62 - 141*		B2A1015	01/19/2022	*01/19/22 19:21*	

Certificate of Analysis

Stantec		Project Number :	319-327 N. HARBOR BLVD, SAN PEDRO
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Client Sample ID B-25-0.25
Lab ID: 2200066-54

Gasoline Range Organics by EPA 8015B (Modified)

Analyst: KL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	0.98	1	B2A1006	01/19/2022	01/19/22 15:40	
Surrogate: 4-Bromofluorobenzene	*92.0 %*	*47.6 - 121.18*		B2A1006	01/19/2022	*01/19/22 15:40*	

Diesel and Oil Range Organics by EPA 8015B

Analyst: KL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	ND	200	20	B2A1015	01/19/2022	01/19/22 19:38	D1
ORO	**590**	200	20	B2A1015	01/19/2022	01/19/22 19:38	D1
Surrogate: p-Terphenyl	*113 %*	*62 - 141*		B2A1015	01/19/2022	*01/19/22 19:38*	

Client Sample ID B-26-0.25
Lab ID: 2200066-62

Gasoline Range Organics by EPA 8015B (Modified)

Analyst: KL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B2A1006	01/19/2022	01/19/22 16:04	
Surrogate: 4-Bromofluorobenzene	*94.5 %*	*47.6 - 121.18*		B2A1006	01/19/2022	*01/19/22 16:04*	

Diesel and Oil Range Organics by EPA 8015B

Analyst: KL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	ND	200	20	B2A1015	01/19/2022	01/19/22 19:56	D1
ORO	ND	200	20	B2A1015	01/19/2022	01/19/22 19:56	D1
Surrogate: p-Terphenyl	*123 %*	*62 - 141*		B2A1015	01/19/2022	*01/19/22 19:56*	

Certificate of Analysis

Stantec		Project Number :	319-327 N. HARBOR BLVD, SAN PEDRO
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Client Sample ID B-27-0.25
Lab ID: 2200066-66

Gasoline Range Organics by EPA 8015B (Modified)

Analyst: KL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B2A1021	01/19/2022	01/19/22 19:21	
Surrogate: 4-Bromofluorobenzene	*95.5 %*	*47.6 - 121.18*		B2A1021	01/19/2022	*01/19/22 19:21*	

Diesel and Oil Range Organics by EPA 8015B

Analyst: KL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	ND	20	2	B2A1016	01/19/2022	01/19/22 22:49	D1
ORO	**39**	20	2	B2A1016	01/19/2022	01/19/22 22:49	D1
Surrogate: p-Terphenyl	*107 %*	*62 - 141*		B2A1016	01/19/2022	*01/19/22 22:49*	

Certificate of Analysis

Stantec		Project Number :	319-327 N. HARBOR BLVD, SAN PEDRO
735 E. Carnegie Drive, Suite 280		Report To :	Jim Dewoody
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QUALITY CONTROL SECTION

Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A1034 - EPA 3050 Modified_S										
Blank (B2A1034-BLK1)						Prepared: 1/20/2022 Analyzed: 1/20/2022				
Lead	ND	1.0	0.18							
LCS (B2A1034-BS1)						Prepared: 1/20/2022 Analyzed: 1/20/2022				
Lead	24.4734	1.0	0.18	25.0000		97.9	80 - 120			
Duplicate (B2A1034-DUP1)			**Source: 2200066-02**			Prepared: 1/20/2022 Analyzed: 1/20/2022				
Lead	22.0808	1.0	0.18		21.9113			0.771	20	
Duplicate (B2A1034-DUP2)			**Source: 2200066-04**			Prepared: 1/20/2022 Analyzed: 1/20/2022				
Lead	215.301	1.0	0.18		214.166			0.528	20	
Matrix Spike (B2A1034-MS1)			**Source: 2200066-02**			Prepared: 1/20/2022 Analyzed: 1/20/2022				
Lead	47.1859	1.0	0.18	25.0000	21.9113	101	26 - 161			
Matrix Spike (B2A1034-MS2)			**Source: 2200066-04**			Prepared: 1/20/2022 Analyzed: 1/20/2022				
Lead	262.578	1.0	0.18	25.0000	214.166	194	26 - 161			M2
Matrix Spike Dup (B2A1034-MSD1)			**Source: 2200066-02**			Prepared: 1/20/2022 Analyzed: 1/20/2022				
Lead	47.4795	1.0	0.18	25.0000	21.9113	102	26 - 161	0.620	20	

Certificate of Analysis

Stantec		Project Number :	319-327 N. HARBOR BLVD, SAN PEDRO
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San Bernardino , CA 92408		Reported :	01/25/2022

Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A1035 - EPA 3050 Modified_S										
Blank (B2A1035-BLK1)						Prepared: 1/20/2022 Analyzed: 1/20/2022				
Lead	ND	1.0	0.18							
LCS (B2A1035-BS1)						Prepared: 1/20/2022 Analyzed: 1/20/2022				
Lead	24.3760	1.0	0.18	25.0000		97.5	80 - 120			
Duplicate (B2A1035-DUP1)			**Source: 2200066-51**			Prepared: 1/20/2022 Analyzed: 1/20/2022				
Lead	6.92867	1.0	0.18		6.85644			1.05	20	
Matrix Spike (B2A1035-MS1)			**Source: 2200066-51**			Prepared: 1/20/2022 Analyzed: 1/20/2022				
Lead	29.2006	1.0	0.18	25.0000	6.85644	89.4	26 - 161			
Matrix Spike Dup (B2A1035-MSD1)			**Source: 2200066-51**			Prepared: 1/20/2022 Analyzed: 1/20/2022				
Lead	29.2188	1.0	0.18	25.0000	6.85644	89.4	26 - 161	0.0621	20	

Certificate of Analysis

Stantec		Project Number :	319-327 N. HARBOR BLVD, SAN PEDRO
735 E. Carnegie Drive, Suite 280		Report To :	Jim Dewoody
San Bernardino , CA 92408		Reported :	01/25/2022

Gasoline Range Organics by EPA 8015B (Modified) - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A1006 - GCVOA_S										
Blank (B2A1006-BLK1)						Prepared: 1/19/2022 Analyzed: 1/19/2022				
Gasoline Range Organics	ND	1.0	0.13							
Surrogate: 4-Bromofluorobenzene	*0.7172*			*0.800000*		*89.6*	*47.6 - 121.18*			
LCS (B2A1006-BS1)						Prepared: 1/19/2022 Analyzed: 1/19/2022				
Gasoline Range Organics	4.33200	1.0	0.13	5.00000		86.6	58.69 - 124.04			
Surrogate: 4-Bromofluorobenzene	*0.7663*			*0.800000*		*95.8*	*47.6 - 121.18*			
LCS Dup (B2A1006-BSD1)						Prepared: 1/19/2022 Analyzed: 1/19/2022				
Gasoline Range Organics	4.54500	1.0	0.13	5.00000		90.9	58.69 - 124.04	4.80	20	
Surrogate: 4-Bromofluorobenzene	*0.7671*			*0.800000*		*95.9*	*47.6 - 121.18*			
Duplicate (B2A1006-DUP1)			**Source: 2200066-13**			Prepared: 1/19/2022 Analyzed: 1/19/2022				
Gasoline Range Organics	ND	1.0	0.13		ND			NR	20	
Surrogate: 4-Bromofluorobenzene	*0.7472*			*0.800000*		*93.4*	*47.6 - 121.18*			
Matrix Spike (B2A1006-MS1)			**Source: 2200066-01**			Prepared: 1/19/2022 Analyzed: 1/19/2022				
Gasoline Range Organics	2.65400	1.0	0.13	5.00000	ND	53.1	37.92 - 128.32			
Surrogate: 4-Bromofluorobenzene	*0.7854*			*0.800000*		*98.2*	*47.6 - 121.18*			
Matrix Spike Dup (B2A1006-MSD1)			**Source: 2200066-01**			Prepared: 1/19/2022 Analyzed: 1/19/2022				
Gasoline Range Organics	2.92016	1.0	0.13	4.99002	ND	58.5	37.92 - 128.32	9.55	20	
Surrogate: 4-Bromofluorobenzene	*0.7759*			*0.800000*		*97.0*	*47.6 - 121.18*			

Certificate of Analysis

Stantec		Project Number :	319-327 N. HARBOR BLVD, SAN PEDRO
735 E. Carnegie Drive, Suite 280		Report To :	Jim Dewoody
San Bernardino , CA 92408		Reported :	01/25/2022

Gasoline Range Organics by EPA 8015B (Modified) - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A1021 - GCVOA_S										
Blank (B2A1021-BLK1)						Prepared: 1/19/2022 Analyzed: 1/19/2022				
Gasoline Range Organics	ND	1.0	0.13							
Surrogate: 4-Bromofluorobenzene	*0.7291*			*0.800000*		*91.1*	*47.6 - 121.18*			
LCS (B2A1021-BS1)						Prepared: 1/19/2022 Analyzed: 1/19/2022				
Gasoline Range Organics	4.40100	1.0	0.13	5.00000		88.0	58.69 - 124.04			
Surrogate: 4-Bromofluorobenzene	*0.7904*			*0.800000*		*98.8*	*47.6 - 121.18*			
LCS Dup (B2A1021-BSD1)						Prepared: 1/19/2022 Analyzed: 1/19/2022				
Gasoline Range Organics	4.51400	1.0	0.13	5.00000		90.3	58.69 - 124.04	2.54	20	
Surrogate: 4-Bromofluorobenzene	*0.7507*			*0.800000*		*93.8*	*47.6 - 121.18*			
Duplicate (B2A1021-DUP1)			**Source: 2200067-17**			Prepared: 1/19/2022 Analyzed: 1/19/2022				
Gasoline Range Organics	ND	1.0	0.13		ND			NR	20	
Surrogate: 4-Bromofluorobenzene	*0.7649*			*0.800000*		*95.6*	*47.6 - 121.18*			
Matrix Spike (B2A1021-MS1)			**Source: 2200067-09**			Prepared: 1/19/2022 Analyzed: 1/19/2022				
Gasoline Range Organics	2.31065	0.99	0.13	4.93097	ND	46.9	37.92 - 128.32			
Surrogate: 4-Bromofluorobenzene	*0.7879*			*0.800000*		*98.5*	*47.6 - 121.18*			
Matrix Spike Dup (B2A1021-MSD1)			**Source: 2200067-09**			Prepared: 1/19/2022 Analyzed: 1/19/2022				
Gasoline Range Organics	2.58900	1.0	0.13	5.00000	ND	51.8	37.92 - 128.32	11.4	20	
Surrogate: 4-Bromofluorobenzene	*0.7930*			*0.800000*		*99.1*	*47.6 - 121.18*			

Certificate of Analysis

Stantec		Project Number :	319-327 N. HARBOR BLVD, SAN PEDRO
735 E. Carnegie Drive, Suite 280		Report To :	Jim Dewoody
San Bernardino , CA 92408		Reported :	01/25/2022

Diesel and Oil Range Organics by EPA 8015B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A1015 - GCSEMI_DRO_S										
Blank (B2A1015-BLK1)						Prepared: 1/19/2022 Analyzed: 1/19/2022				
DRO	ND	10	3.6							
ORO	ND	10	3.6							
Surrogate: p-Terphenyl	*75.88*			*80.0000*		*94.9*	*62 - 141*			
LCS (B2A1015-BS1)						Prepared: 1/19/2022 Analyzed: 1/19/2022				
DRO	926.657	10	3.6	1000.00		92.7	56 - 139			
Surrogate: p-Terphenyl	*77.04*			*80.0000*		*96.3*	*62 - 141*			
Duplicate (B2A1015-DUP1)			**Source: 2200066-01**			Prepared: 1/19/2022 Analyzed: 1/19/2022				
DRO	ND	20	7.1		ND			NR	20	D1
Surrogate: p-Terphenyl	*78.31*			*80.0000*		*97.9*	*62 - 141*			
Matrix Spike (B2A1015-MS1)			**Source: 2200066-01**			Prepared: 1/19/2022 Analyzed: 1/19/2022				
DRO	828.370	20	7.1	1000.00	ND	82.8	38 - 161			
Surrogate: p-Terphenyl	*86.22*			*80.0000*		*108*	*62 - 141*			
Matrix Spike Dup (B2A1015-MSD1)			**Source: 2200066-01**			Prepared: 1/19/2022 Analyzed: 1/19/2022				
DRO	881.206	20	7.1	1000.00	ND	88.1	38 - 161	6.18	20	
Surrogate: p-Terphenyl	*94.13*			*80.0000*		*118*	*62 - 141*			

Certificate of Analysis

Stantec		Project Number :	319-327 N. HARBOR BLVD, SAN PEDRO
735 E. Carnegie Drive, Suite 280		Report To :	Jim Dewoody
San Bernardino , CA 92408		Reported :	01/25/2022

Diesel and Oil Range Organics by EPA 8015B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A1016 - GCSEMI_DRO_S										
Blank (B2A1016-BLK1)						Prepared: 1/19/2022 Analyzed: 1/19/2022				
DRO	ND	10	3.6							
ORO	ND	10	3.6							
Surrogate: p-Terphenyl	*75.57*			*80.0000*		*94.5*	*62 - 141*			
LCS (B2A1016-BS1)						Prepared: 1/19/2022 Analyzed: 1/19/2022				
DRO	947.208	10	3.6	1000.00		94.7	56 - 139			
Surrogate: p-Terphenyl	*78.54*			*80.0000*		*98.2*	*62 - 141*			
Duplicate (B2A1016-DUP1)			**Source: 2200066-66**			Prepared: 1/19/2022 Analyzed: 1/19/2022				
DRO	ND	20	7.1		ND			NR	20	D1
Surrogate: p-Terphenyl	*81.86*			*80.0000*		*102*	*62 - 141*			
Matrix Spike (B2A1016-MS1)			**Source: 2200064-01**			Prepared: 1/19/2022 Analyzed: 1/19/2022				
DRO	991.819	10	3.6	1000.00	118.903	87.3	38 - 161			
Surrogate: p-Terphenyl	*73.91*			*80.0000*		*92.4*	*62 - 141*			
Matrix Spike Dup (B2A1016-MSD1)			**Source: 2200064-01**			Prepared: 1/19/2022 Analyzed: 1/19/2022				
DRO	1025.86	10	3.6	1000.00	118.903	90.7	38 - 161	3.37	20	
Surrogate: p-Terphenyl	*74.39*			*80.0000*		*93.0*	*62 - 141*			

Certificate of Analysis

Stantec		Project Number :	319-327 N. HARBOR BLVD, SAN PEDRO
735 E. Carnegie Drive, Suite 280		Report To :	Jim Dewoody
San Bernardino , CA 92408		Reported :	01/25/2022

Notes and Definitions

M2	Matrix spike recovery outside of acceptance limit due to possible matrix interference. The analytical batch was validated by the laboratory control sample.
D1	Sample required dilution due to possible matrix interference.
ND	Analyte is not detected at or above the Practical Quantitation Limit (PQL). When client requests quantitation against MDL, analyte is not detected at or above the Method Detection Limit (MDL)
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference
CA2	CA-ELAP (CDPH)
OR1	OR-NELAP (OSPHL)

Notes:
(1) The reported MDL and PQL are based on prep ratio variation and analytical dilution.
(2) The suffix [2C] of specific analytes signifies that the reported result is taken from the instrument's second column.
(3) Results are wet unless otherwise specified.

ADVANCED TECHNOLOGY LABORATORIES

3275 Walnut Ave., Signal Hill, CA 90755
Tel: (562) 989-4045 • Fax: (562) 989-4040

CHAIN OF CUSTODY RECORD

Page 1 of 6

22 000066

FOR LABORATORY USE ONLY		ATLCOC Ver:20210101
Method of Transport	Sample Conditions Upon Receipt	
☐ Client ☑ ATL	Condition Y N	Condition Y N
☐ FedEx ☐ OnTrac	1. CHILLED ☑ ☐	5. # OF SAMPLES MATCH COC ☑ ☐
☐ GSO	2. HEADSPACE (VOA) < 6mm ☐ ☑	6. PRESERVED ☐ ☑
☐ Other:	3. CONTAINER INTACT ☑ ☐	7. Cooler Temp (°C) 6.0
	4. SEALED ☐ ☑	8 THERMOMETER ID:

Company: STANTEC

Address:

City: SAN BERNARDINO State: CA Zip: Tel: Fax:

SEND REPORT TO:

Attn: JAMES DEWOODY Email: JAMES.DEWOODY@STANTEC.COM

Company: STANTEC

Address:

City: State: Zip:

SEND INVOICE TO: ☐ same as SEND REPORT TO

Attn: SAME Email:

Company: Email:

Address:

City: State: Zip:

EDD		QA/QC	
☐	Excel	☐	Routine
☐	EDF	☐ ☐	Caltrans Legal
☐	Equis	☐ ☐	RWQCB Level IV
☐		☐	

Project Name: 319 – 327 N. HARBOR BLVD, SAN PEDRO

Project No.:

Sampler: M. MASON 805-341-6739

Quote #:

PO #:

ITEM	Lab ID (For Lab Use Only)	Sample Description: Sample ID	Location	Date	Time	TPH (8260B)	LEAD (6010B)	Solid	Water	Wastewater	Non-aqueous	Other:	Turnaround Time (TAT)	Quantity	Type: 1=Tube; 2=VOA; 3=Liter; 4=Pint; 5=Jar; 6=Tedlar; 7=Canister	Material: 1=Glass; 2=Plastic; 3=Metal	Preservative: 1=HCl; 2=HNO3; 3=H2SO4; 4=4C; 5=Zn(Ac)2; 6=NaOH; 7=NA2S2O3	Remarks
1	1	B-17-0.25		1-18-22	0830	X		X					5					
2	2	B-17-0.5			0837		X	X										
3	3	B-17-1			0836			X										HOLD
4	4	B-17-2			0840		X	X										
5	5	B-17-3			0844			X										HOLD
6	6	B-17-4			0845		X	X										
7	7	B-18-0.25			0851	X		X										
8	8	B-18-0.5	(0852)		~~0906~~		X	X										0852
9	9	B-18-1			0854			X										HOLD
10	10	B-18-2			0856		X	X										

(Special Instructions, Comments, Notes, etc.)

By relinquishing samples to ATL, I hereby agree that I have read and accept ATL's Terms and Conditions, as posted in www.atlglobal.com/terms-and-conditions.

Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
M. MASON	1-18-22	1525		1-18-22	1525
	1-18-22	1557		1/18/22	15:57

ADVANCED TECHNOLOGY LABORATORIES

3275 Walnut Ave., Signal Hill, CA 90755
Tel: (562) 989-4045 • Fax: (562) 989-4040

CHAIN OF CUSTODY RECORD

Page 2 of 8

22 00066

FOR LABORATORY USE ONLY		ATLCOC Ver:20210101
Method of Transport	Sample Conditions Upon Receipt	
☐ Client ☑ ATL	Condition Y N	Condition Y N
☐ FedEx ☐ OnTrac	1. CHILLED ☑ ☐	5. # OF SAMPLES MATCH COC ☑ ☐
☐ GSO	2. HEADSPACE (VOA) < 6mm ☐ ☐	6. PRESERVED ☐ ☑
☐ Other:	3. CONTAINER INTACT ☑ ☐	7 Cooler Temp (°C) 6.0
	4. SEALED ☐ ☑	8 THERMOMETER ID:

SEND REPORT TO:	SEND INVOICE TO: ☐ same as SEND REPORT TO
Company: STANTEC	Address:
	City: SAN BERNARDINO CA. State: CA Zip:
	Tel: Fax:
Attn: JAMES DEWOODY Email: JAMES.DEWOODY@STANTEC.COM	Attn: Email:
Company: STANTEC	Company: Email:
Address:	Address:
City: State: Zip:	City: State: Zip:

EDD	QA/QC
☐ Excel	☐ Routine
☐ EDF	☐ Caltrans ☐ Legal
☐ Equis	☐ RWQCB Level IV
☐	☐

Project Name: 319-327 N. HARBOR BLVD. SAN PEDRO
Quote #:
Project No.:
PO #:
Sampler: M. MASON 805-341-6739

ITEM	Lab ID (For Lab Use Only)	Sample Description: Sample ID	Location	Date	Time	Requested Analysis: TPH (8260B)	Lead (6010B)	Sample Matrix: Solid	Water	Wastewater	Non-aqueous	Other:	Turnaround Time (TAT)	Container: Quantity	Type: 1=Tube; 2=VOA; 3=Liter; 4=Pint; 5=Jar; 6=Tedlar; 7=Canister	Material: 1=Glass; 2=Plastic; 3=Metal	Preservative: 1=HCl; 2=HNO3; 3=H2SO4; 4=4C; 5=ZnOAc/2; 6=NaOH; 7=NaOS2O3	Remarks
1	11	B-18-3		1-18-22	0858			X					5					HOLD
2	12	B-18-4			0900		X	X										
3	13	B-19-0.25			0904	X		X										
4	14	B-19-0.5			0906		X	X										
5	15	B-19-1			0908			X										HOLD
6	16	B-19-2			0910		X	X										
7	17	B-19-3			0912			X										HOLD
8	18	B-19-4			0914		X	X										
9	19	B-20-0.25			0916	X		X										
10	20	B-20-0.5			0918		X	X										

(Special Instructions, Comments, Notes, etc.)

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Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
M. Mason MARK MASON	1-18-22			1/18/22	1525
	1822	1557		1/18/22	15:57

ADVANCED TECHNOLOGY LABORATORIES

3275 Walnut Ave., Signal Hill, CA 90755
Tel: (562) 989-4045 • Fax: (562) 989-4040

CHAIN OF CUSTODY RECORD

Page 3 of 8

22 00066

FOR LABORATORY USE ONLY		ATLCOC Ver:20210101
Method of Transport	Sample Conditions Upon Receipt	
☐ Client ☑ ATL	Condition Y N	Condition Y N
☐ FedEx ☐ OnTrac	1. CHILLED ☑ ☐	5. # OF SAMPLES MATCH COC ☑ ☐
☐ GSO	2. HEADSPACE (VOA) < 6mm ☐ ☐	6. PRESERVED ☐ ☑
☐ Other:	3. CONTAINER INTACT ☑ ☐	7 Cooler Temp (°C) 6.0
	4. SEALED ☐ ☑	8 THERMOMETER ID:

Company: STANTEC
Address:
City:
State:
Zip:
Tel:
Fax:

SEND REPORT TO:
Attn: JAMES DEWBOBY
Email:
Company:
Address:
City:
State:
Zip:

SEND INVOICE TO: ☐ same as SEND REPORT TO
Attn:
Email:
Company:
Email:
Address:
City:
State:
Zip:

EDD	QA/QC
☐ Excel	☐ Routine
☐ EDF	☐ Caltrans ☐ Legal
☐ Equis	☐ RWQCB Level IV
☐	☐

Project Name:
Project No.:
Sampler: M. Mason 805-341-6739
Quote #:
PO #:

ITEM	Lab ID (For Lab Use Only)	Sample Description: Sample ID	Location	Date	Time	TPH (8260B)	LEAD (6010B)	Solid	Water	Wastewater	Non-aqueous	Other:	Turnaround Time (TAT)	Quantity	Container: Type: 1=Tube; 2=VOA; 3=Liter; 4=Pint; 5=Jar; 6=Vial; 7=Canister	Container: Material: 1=Glass; 2=Plastic; 3=Metal	Container: Preservative: 1=HCl; 2=HNO3; 3=H2SO4; 4=Na2S2O3; 5=ZnAc2; 6=NaOH; 7=NaAsO2	Remarks
1	21	B-20-1		1-18-22	0919													HOLD
2	22	B-20-2			0921		X											
3	23	B-20-3			0924													HOLD
4	24	B-20-4			0926		X											
5	25	B-21-0.25			0940	X												
6	26	B-21-0.5			0941		X											
7	27	B-21-1			0942													HOLD
8	28	B-21-2			0944													HOLD
9	29	B-21-3			0948													HOLD
10	30	B-21-4			0950		X											

(Special Instructions, Comments, Notes, etc.)

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Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
M. Mason / M. Mason	1-18-22			1-18-22	1525
	1-18-22	1557		1/18/22	15:57
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:

ADVANCED TECHNOLOGY LABORATORIES

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CHAIN OF CUSTODY RECORD

Page 4 of 8

2200066

FOR LABORATORY USE ONLY			ATLCOC Ver:20210101
Method of Transport	Sample Conditions Upon Receipt		
☐ Client ☑ ATL	Condition	Y	N
☐ FedEx ☐ OnTrac	1. CHILLED	☑	☐
☐ GSO	2. HEADSPACE (VOA) < 6mm	☐	☐
☐ Other:	3. CONTAINER INTACT	☑	☐
	4. SEALED	☐	☑
	Condition	Y	N
	5. # OF SAMPLES MATCH COC	☑	☐
	6. PRESERVED	☐	☑
	7 Cooler Temp (°C)		
	8 THERMOMETER ID: 6.0		

Company: STANTEC
Address:
City:
State:
Zip:
Tel:
Fax:

SEND REPORT TO:
Attn: JAMES DEWOODY
Email:
Company:
Address:
City:
State:
Zip:

SEND INVOICE TO: ☐ same as SEND REPORT TO
Attn:
Email:
Company:
Email:
Address:
City:
State:
Zip:

EDD		QA/QC	
☐	Excel	☐	Routine
☐	EDF	☐ ☐	Caltrans Legal
☐	Equis	☐ ☐	RWQCB Level IV
☐		☐	

Project Name: 319-327 N. HARBOR BLVD, SAN PEDRO
Project No.: 31
Sampler: M. MASON 805-341-6739
Quote #:
PO #:

ITEM	Lab ID (For Lab Use Only)	Sample Description: Sample ID	Location	Date	Time	TPH (8260B)	LEAD (6010B)	Solid	Water	Wastewater	Non-aqueous	Other:	Turnaround Time (TAT)	Quantity	Container: Type: 1=Tube; 2=VOA; 3=Liter; 4=Fric; 5=Jar; 6=Cellar; 7 = Canister	Material: 1=Glass; 2=Plastic; 3=Metal	Preservative: 1=HCl; 2=HNO3; 3=H2SO4; 4 =4C; 5=Zn(Ac)2; 6=NaOH; 7=NaOS2O3	Remarks
1	31	B-21-5		1-18-22	1110													Hold
2	32	B-21-7			1120		X											
3	33	B-22-0.25			1121	X												
4	34	B-22-0.5			1122		X											
5	35	B-22-1			1123													HOLD
6	36	B-22-2			1124													HOLD
7	37	B-22-3			1125													HOLD
8	38	B-22-4			1126		X											
9	39	B-22-5			1131													HOLD
10	40	B-22-7			1134		X											

(Special Instructions, Comments, Notes, etc.)

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Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
M. Mason	1-18-22			1/18/22	1525
	1/18/22	0957		1/18/22	15:57

ADVANCED TECHNOLOGY LABORATORIES

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CHAIN OF CUSTODY RECORD

Page 5 of 8

22 00066

FOR LABORATORY USE ONLY		ATLCOC Ver:20210101
Method of Transport	Sample Conditions Upon Receipt	
☐ Client ☑ ATL	Condition Y N	Condition Y N
☐ FedEx ☐ OnTrac	1. CHILLED ☑ ☐	5. # OF SAMPLES MATCH COC ☑ ☐
☐ GSO	2. HEADSPACE (VOA) < 6mm ☐ ☐	6. PRESERVED ☐ ☑
☐ Other:	3. CONTAINER INTACT ☑ ☐	7. Cooler Temp (°C) 6.0
	4. SEALED ☐ ☑	8. THERMOMETER ID:

Company: STANTEC
Address:
City:
State:
Zip:
Tel:
Fax:

SEND REPORT TO:
Attn: JAMES DEWOODY
Email:
Company:
Address:
City:
State:
Zip:

SEND INVOICE TO: ☐ same as SEND REPORT TO
Attn:
Email:
Company:
Email:
Address:
City:
State:
Zip:

EDD	QA/QC
☐ Excel	☐ Routine
☐ EDF	☐ Caltrans ☐ Legal
☐ Equis	☐ RWQCB Level IV
☐	☐

Project Name: 319-327 N. HARBOR BLVD, SAN PEDRO
Project No.:
Sampler: M. MASON 805-341-6739
Quote #:
PO #:

ITEM	Lab ID (For Lab Use Only)	Sample ID	Location	Date	Time	TPH (8260B)	LEAD (6010B)	Solid	Water	Wastewater	Non-aqueous	Other:	Turnaround Time (TAT)	Quantity	Type: 1=Tube; 2=VOA; 3=Liter; 4=Pint; 5=Jar; 6=Tedlar; 7=Canister	Material: 1=Glass; 2=Plastic; 3=Metal	Preservative: 1=HCl; 2=HNO3; 3=H2SO4; 4=4C; 5=Zn(Ac)2; 6=NaOH; 7=NaAsO2	Remarks
1	41	B-23-0.25		1-18-22	1138	X												
2	42	B-23-0.5			1140		X											
3	43	B-23-1			1142													HOLD
4	44	B-23-2			1210													HOLD
5	45	B-23-3			1213													HOLD
6	46	B-24-0.25			1221	X												
7	47	B-24-0.5			1223		X											
8	48	B-24-1			1225													HOLD
9	49	B-24-2			1228													HOLD
10	50	B-24-3			1230													HOLD

(Special Instructions, Comments, Notes, etc.)

By relinquishing samples to ATL, I hereby agree that I have read and accept ATL's Terms and Conditions, as posted in www.atlglobal.com/terms-and-conditions.

Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
M. Mason / M. Mason	1-18-22			1/18/22	1525
	1-18-22	1557		1/18/22	1557
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:

ADVANCED TECHNOLOGY LABORATORIES

3275 Walnut Ave., Signal Hill, CA 90755
Tel: (562) 989-4045 • Fax: (562) 989-4040

CHAIN OF CUSTODY RECORD

Page 6 of 8

22 00066

FOR LABORATORY USE ONLY		ATLCOC Ver:20210101
Method of Transport	Sample Conditions Upon Receipt	
☐ Client ☑ ATL	Condition Y N	Condition Y N
☐ FedEx ☐ OnTrac	1. CHILLED ☑ ☐	5. # OF SAMPLES MATCH COC ☑ ☐
☐ GSO	2. HEADSPACE (VOA) < 6mm ☐ ☐	6. PRESERVED ☐ ☑
☐ Other:	3. CONTAINER INTACT ☑ ☐	7 Cooler Temp (°C) 6.0
	4. SEALED ☐ ☑	8 THERMOMETER ID:

Company: STANTEC
Address:
Tel:
City:
State:
Zip:
Fax:

SEND REPORT TO:
Attn: JAMES DE WOODY
Email:
Company:
Address:
City:
State:
Zip:

SEND INVOICE TO: ☐ same as SEND REPORT TO
Attn:
Email:
Company:
Email:
Address:
City:
State:
Zip:

EDD		QA/QC	
☐	Excel	☐	Routine
☐	EDF	☐ ☐	Caltrans Legal
☐	Equis	☐ ☐	RWQCB Level IV
☐		☐	

Project Name: 319-327 N. HARBOR BLVD. SAN PEDRO
Project No.:
Sampler: M. MASON 805-341-6739
Quote #:
PO #:

Requested Analysis: TPH (8260B); LEAD (6010B)

ITEM	Lab ID (For Lab Use Only)	Sample ID	Location	Date	Time	TPH (8260B)	LEAD (6010B)	Solid	Water	Wastewater	Non-aqueous	Other:	Turnaround Time (TAT)	Quantity	Type 1=Tube; 2=VOA; 3=Liter; 4=Pint; 5=Jar; 6=Cellar; 7 = Canister	Material: 1=Glass; 2=Plastic; 3=Metal	Preservative: 1=HCl; 2=HNO3; 3=H2SO4; 4 =4C; 5=Zn(Ac)2; 6=NaOH; 7=NAS2S2O3	Remarks
1	51	B-24-4		1-18-22	1231		X											
2	52	B-24-5		↓	1232													HOLD
3	53	B-24-7			1240		X											
4	54	B-25-0.25			1245	X												
5	55	B-25-0.5			1246		X											
6	56	B-25-1			1249													HOLD
7	57	B-25-2			1253													HOLD
8	58	B-25-3			1257													HOLD
9	59	B-25-4			1259		X											
10	60	B-25-5		↓	1305													HOLD

(Special Instructions, Comments, Notes, etc.)

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Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
M. MASON / M. Mason	1-18-22			1/18/22	1525
	1/18/22	1557		1/18/22	15:57

ADVANCED TECHNOLOGY LABORATORIES

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CHAIN OF CUSTODY RECORD

Page 7 of 8

22 00066

FOR LABORATORY USE ONLY		ATLCOC Ver:20210101
Method of Transport	Sample Conditions Upon Receipt	
☐ Client ☒ ATL	Condition / Y / N	Condition / Y / N
☐ FedEx ☐ OnTrac	1. CHILLED ☒ ☐	5. # OF SAMPLES MATCH COC ☒ ☐
☐ GSO	2. HEADSPACE (VOA) < 6mm ☐ ☐	6. PRESERVED ☐ ☒
☐ Other:	3. CONTAINER INTACT ☒ ☐	7. Cooler Temp (°C) 6.0
	4. SEALED ☐ ☒	8. THERMOMETER ID:

Company: STANTEC
Address:
City: State: Zip:
Tel:
Fax:

SEND REPORT TO:
Attn: JAMES DELWOOD Email:
Company:
Address:
City: State: Zip:

SEND INVOICE TO: ☐ same as SEND REPORT TO
Attn: Email:
Company: Email:
Address:
City: State: Zip:

EDD: ☐ Excel ☐ EDF ☐ Equis ☐

QA/QC: ☐ Routine ☐ Caltrans ☐ Legal ☐ RWQCB ☐ Level IV ☐

Project Name: 319-327 N. HARBOR BLVD. SAN PEDRO
Project No.:
Sampler: M. MASON 805-341-6739
Quote #:
PO #:

ITEM	Lab ID (For Lab Use Only)	Sample ID	Location	Date	Time	TPH (8260B)	LEAD (6010B)	Solid	Water	Wastewater	Non-aqueous	Other:	Turnaround Time (TAT)	Quantity	Container	Remarks
1	61	B-25-7		1-18-22	1310		X									
2	62	B-26-0.25			1315	X										
3	63	B-26-0.5			1316		X									
4	64	B-26-1			1318											HOLD
5	65	B-26-2			1324											HOLD
6	66	B-27-0.25			1339	X										
7	67	B-27-0.5			1342		X									
8	68	B-27-1			1343											HOLD
9	69	B-27-2			1345											HOLD
10	70	B-27-3			1346											HOLD

(Special Instructions, Comments, Notes, etc.)

Type: 1=Tube; 2=VOA; 3=Liter; 4=Pint; 5=Jar; 6=Tedlar; 7=Canister
Material: 1=Glass; 2=Plastic; 3=Metal
Preservative: 1=HCl; 2=HNO3; 3=H2SO4; 4=4C; 5=ZnAc2; 6=NaOH; 7=NaOH/ZnAc

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Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
M. Mason / M. Mason	1-18-22			1822	1525
	1822	1557		1/18/22	15:57

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CHAIN OF CUSTODY RECORD

Page 8 of 8

22 00066

FOR LABORATORY USE ONLY			ATLCOC Ver:20210101
Method of Transport	Sample Conditions Upon Receipt		
☐ Client ☑ ATL	Condition	Y	N
☐ FedEx ☐ OnTrac	1. CHILLED	☑	☐
☐ GSO	2. HEADSPACE (VOA) < 6mm	☐	☐
☐ Other:	3. CONTAINER INTACT	☑	☐
	4. SEALED	☐	☑
	5. # OF SAMPLES MATCH COC	☑	☐
	6. PRESERVED	☐	☑
	7 Cooler Temp (°C)	6.0	
	8 THERMOMETER ID:		

Company: STANTEC
Address:
City:
State:
Zip:
Tel:
Fax:

SEND REPORT TO:
Attn: JAMES DELWOOD
Email:
Company:
Address:
City:
State:
Zip:

SEND INVOICE TO: ☐ same as SEND REPORT TO
Attn:
Email:
Company:
Email:
Address:
City:
State:
Zip:

EDD		QA/QC	
☐	Excel	☐	Routine
☐	EDF	☐ ☐	Caltrans Legal
☐	Equis	☐ ☐	RWQCB Level IV
☐		☐	

Project Name:
Quote #:
Project No.:
PO #:
Sampler: M. Mason 805-341-6739

ITEM	Lab ID (For Lab Use Only)	Sample Description: Sample ID	Location	Date	Time	TPH (8260B)	Lead (6010B)	Solid	Water	Wastewater	Non-aqueous	Other:	Turnaround Time (TAT)	Quantity	Type: 1=Tube; 2=VOA; 3=Filter; 4=Pint; 5=Jar; 6=Tedlar; 7=Canister	Material: 1=Glass; 2=Plastic; 3=Metal	Preservative: 1=HCl; 2=HNO3; 3=H2SO4; 4=MeOH; 5=ZnOAc; 6=NaOH; 7=NaHSO3	Remarks
1	71	B-27-4		1-18-22	1347		X											
2	72	B-27-5		1-18-22	1348													HOLD
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		

(Special Instructions, Comments, Notes, etc.)

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Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
M. Mason / M. Mason	1-18-22			1/18/22	1525
	1/18/22	1557	Mason	1/18/22	15:57

February 07, 2022

Jim Dewoody
Stantec
735 E. Carnegie Drive, Suite 280
San Bernardino, CA 92408
Tel: (909) 335-6116
Fax:(909) 335-6120

ELAP No.: 1838
CSDLAC No.: 10196
ORELAP No.: CA300003

Re: ATL Work Order Number : 2200066
Client Reference : 319-327 N. HARBOR BLVD, SAN PEDRO

Enclosed are the results for sample(s) received on January 18, 2022 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or Project.Management@atlglobal.com.

Sincerely,

Victoria Michel, Project Assistant
Victoria.Michel@atlglobal.com
Authorized to Release on 02/07/22 15:47 on Behalf of

Amy Leung
Laboratory Director

The test results in this report relate exclusively to the samples as received by the laboratory, and meet the requirements of the methodology under which they were reported; any exceptions are noted within the report and/ or case narrative.

The cover letter/ signature page and the case narrative are integral parts of this analytical report; the absence of any portion of the report renders the report invalid. This report shall not be reproduced except in full, and shall have the express written approval of the laboratory, and the original client firm to do so

.

The electronic signature on this report is signed by an authorized signatory of Advanced Technology Laboratories, and is intended to be legally binding as the equivalent of a handwritten signature.

Certificate of Analysis

Stantec		Project Number :	319-327 N. HARBOR BLVD, SAN PEDRO
735 E. Carnegie Drive, Suite 280		Report To :	Jim Dewoody
San Bernardino , CA 92408		Reported :	02/07/2022

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B-17-1	2200066-03	Soil	1/18/22 8:36	1/18/22 15:25
B-17-3	2200066-05	Soil	1/18/22 8:44	1/18/22 15:25
B-19-3	2200066-17	Soil	1/18/22 9:12	1/18/22 15:25
B-20-1	2200066-21	Soil	1/18/22 9:19	1/18/22 15:25
B-21-1	2200066-27	Soil	1/18/22 9:42	1/18/22 15:25
B-21-2	2200066-28	Soil	1/18/22 9:44	1/18/22 15:25
B-22-1	2200066-35	Soil	1/18/22 11:23	1/18/22 15:25
B-22-2	2200066-36	Soil	1/18/22 11:24	1/18/22 15:25
B-23-1	2200066-43	Soil	1/18/22 11:42	1/18/22 15:25
B-23-2	2200066-44	Soil	1/18/22 12:10	1/18/22 15:25

Certificate of Analysis

Stantec		Project Number :	319-327 N. HARBOR BLVD, SAN PEDRO
735 E. Carnegie Drive, Suite 280		Report To :	Jim Dewoody
San Bernardino , CA 92408		Reported :	02/07/2022

Lead by ICP-AES EPA 6010B

Analyte: Lead **Analyst: WT**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
2200066-03	B-17-1	**7.3**	mg/kg	1.0	0.18	1	B2B0887	02/04/2022	02/07/22 10:58	
2200066-05	B-17-3	**27**	mg/kg	1.0	0.18	1	B2B0887	02/04/2022	02/07/22 11:02	
2200066-17	B-19-3	**7.5**	mg/kg	1.0	0.18	1	B2B0887	02/04/2022	02/07/22 11:03	
2200066-21	B-20-1	**73**	mg/kg	1.0	0.18	1	B2B0887	02/04/2022	02/07/22 11:04	
2200066-27	B-21-1	**14**	mg/kg	1.0	0.18	1	B2B0887	02/04/2022	02/07/22 11:06	
2200066-28	B-21-2	**12**	mg/kg	1.0	0.18	1	B2B0887	02/04/2022	02/07/22 11:07	
2200066-35	B-22-1	**450**	mg/kg	1.0	0.18	1	B2B0887	02/04/2022	02/07/22 11:08	
2200066-36	B-22-2	**54**	mg/kg	1.0	0.18	1	B2B0887	02/04/2022	02/07/22 11:12	
2200066-43	B-23-1	**100**	mg/kg	1.0	0.18	1	B2B0887	02/04/2022	02/07/22 11:13	
2200066-44	B-23-2	**20**	mg/kg	1.0	0.18	1	B2B0887	02/04/2022	02/07/22 11:14	

Certificate of Analysis

Stantec		Project Number :	319-327 N. HARBOR BLVD, SAN PEDRO
735 E. Carnegie Drive, Suite 280		Report To :	Jim Dewoody
San Bernardino , CA 92408		Reported :	02/07/2022

QUALITY CONTROL SECTION

Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2B0887 - EPA 3050 Modified_S										
Blank (B2B0887-BLK1)						Prepared: 2/4/2022 Analyzed: 2/7/2022				
Lead	ND	1.0	0.18							
LCS (B2B0887-BS1)						Prepared: 2/4/2022 Analyzed: 2/7/2022				
Lead	26.8760	1.0	0.18	25.0000		108	80 - 120			
Matrix Spike (B2B0887-MS1)			**Source: 2200066-03**			Prepared: 2/4/2022 Analyzed: 2/7/2022				
Lead	33.4611	1.0	0.18	25.0000	7.25426	105	26 - 161			
Matrix Spike Dup (B2B0887-MSD1)			**Source: 2200066-03**			Prepared: 2/4/2022 Analyzed: 2/7/2022				
Lead	33.9350	1.0	0.18	25.0000	7.25426	107	26 - 161	1.41	20	

Certificate of Analysis

Stantec		Project Number :	319-327 N. HARBOR BLVD, SAN PEDRO
735 E. Carnegie Drive, Suite 280		Report To :	Jim Dewoody
San Bernardino , CA 92408		Reported :	02/07/2022

Notes and Definitions

ND	Analyte is not detected at or above the Practical Quantitation Limit (PQL). When client requests quantitation against MDL, analyte is not detected at or above the Method Detection Limit (MDL)
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference
CA2	CA-ELAP (CDPH)
OR1	OR-NELAP (OSPHL)

Notes:
(1) The reported MDL and PQL are based on prep ratio variation and analytical dilution.
(2) The suffix [2C] of specific analytes signifies that the reported result is taken from the instrument's second column.
(3) Results are wet unless otherwise specified.

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CHAIN OF CUSTODY RECORD

Page 1 of 8

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FOR LABORATORY USE ONLY		ATLCOC Ver:20210101
Method of Transport	Sample Conditions Upon Receipt	
☐ Client ☑ ATL	Condition Y N	Condition Y N
☐ FedEx ☐ OnTrac	1. CHILLED ☑ ☐	5. # OF SAMPLES MATCH COC ☑ ☐
☐ GSO	2. HEADSPACE (VOA) < 6mm ☐ ☑	6. PRESERVED ☐ ☑
☐ Other:	3. CONTAINER INTACT ☑ ☐	7. Cooler Temp (°C) 6.0
	4. SEALED ☐ ☑	8 THERMOMETER ID:

Company: STANTEC

Address:

City: SAN BERNARDINO State: CA Zip: Tel: Fax:

SEND REPORT TO:

Attn: JAMES DEWOODY Email: JAMES.DEWOODY@STANTEC.COM

Company: STANTEC

Address:

City: State: Zip:

SEND INVOICE TO: ☐ same as SEND REPORT TO

Attn: SAME Email:

Company: Email:

Address:

City: State: Zip:

EDD		QA/QC	
☐	Excel	☐	Routine
☐	EDF	☐ ☐	Caltrans Legal
☐	Equis	☐ ☐	RWQCB Level IV
☐		☐	

Project Name: 319 – 327 N. HARBOR BLVD, SAN PEDRO

Project No.:

Sampler: M. MASON 805-341-6739

Quote #:

PO #:

ITEM	Lab ID (For Lab Use Only)	Sample Description: Sample ID	Location	Date	Time	TPH (8260B)	LEAD (6010B)	Solid	Water	Wastewater	Non-aqueous	Other:	Turnaround Time (TAT)	Quantity	Type: 1=Tube; 2=VOA; 3=Liter; 4=Pint; 5=Jar; 6=Tedlar; 7 = Canister	Material: 1=Glass; 2=Plastic; 3=Metal	Preservative: 1=HCl; 2=HNO3; 3=H2SO4; 4=4C; 5=Zn(Ac)2; 6=NaOH; 7=NA2S2O3	Remarks
1	1	B-17-0.25		1-18-22	0830	X		X					5					
2	2	B-17-0.5			0837		X	X										
3	3	B-17-1			0836			X										HOLD
4	4	B-17-2			0840		X	X										
5	5	B-17-3			0844			X										HOLD
6	6	B-17-4			0845		X	X										
7	7	B-18-0.25			0851	X		X										
8	8	B-18-0.5	(0852)		~~0906~~		X	X										0852
9	9	B-18-1			0854			X										HOLD
10	10	B-18-2			0856		X	X										

(Special Instructions, Comments, Notes, etc.)

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Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
M. MASON	1-18-22	1525	[illegible]	1-18-22	1525
[illegible]	1-18-22	1557	[illegible]	1/18/22	15:57

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CHAIN OF CUSTODY RECORD

Page 2 of 8

22 00066

FOR LABORATORY USE ONLY		ATLCOC Ver:20210101
Method of Transport	Sample Conditions Upon Receipt	
☐ Client ☑ ATL	Condition Y N	Condition Y N
☐ FedEx ☐ OnTrac	1. CHILLED ☑ ☐	5. # OF SAMPLES MATCH COC ☑ ☐
☐ GSO	2. HEADSPACE (VOA) < 6mm ☐ ☐	6. PRESERVED ☐ ☑
☐ Other:	3. CONTAINER INTACT ☑ ☐	7 Cooler Temp (°C) 6.0
	4. SEALED ☐ ☑	8 THERMOMETER ID:

SEND REPORT TO:	SEND INVOICE TO: ☐ same as SEND REPORT TO
Company: STANTEC	Address:
	City: SAN BERNARDINO CA. State: CA Zip:
	Tel: Fax:
Attn: JAMES DEWOODY Email: JAMES.DEWOODY@STANTEC.COM	Attn: Email:
Company: STANTEC	Company: Email:
Address:	Address:
City: State: Zip:	City: State: Zip:

EDD	QA/QC
☐ Excel	☐ Routine
☐ EDF	☐ Caltrans ☐ Legal
☐ Equis	☐ RWQCB Level IV
☐	☐

Project Name: 319-327 N. HARBOR BLVD. SAN PEDRO
Project No.:
Sampler: M. MASON 805-341-6739
Quote #:
PO #:

ITEM	Lab ID (For Lab Use Only)	Sample Description: Sample ID	Location	Date	Time	TPH (8260B)	Lead (6010B)	Solid	Water	Wastewater	Non-aqueous	Other:	Turnaround Time (TAT)	Quantity	Container: Type: 1=Tube; 2=VOA; 3=Liter; 4=Pint; 5=Jar; 6=Tedlar; 7=Canister	Container: Material: 1=Glass; 2=Plastic; 3=Metal	Container: Preservative: 1=HCl; 2=HNO3; 3=H2SO4; 4=4C; 5=ZnAc/2; 6=NaOH; 7=NaOS2O3	Remarks
1	11	B-18-3		1-18-22	0858			X					5					HOLD
2	12	B-18-4			0900		X	X										
3	13	B-19-0.25			0904	X		X										
4	14	B-19-0.5			0906		X	X										
5	15	B-19-1			0908			X										HOLD
6	16	B-19-2			0910		X	X										
7	17	B-19-3			0912			X										HOLD
8	18	B-19-4			0914		X	X										
9	19	B-20-0.25			0916	X		X										
10	20	B-20-0.5			0918		X	X										

(Special Instructions, Comments, Notes, etc.)

By relinquishing samples to ATL, I hereby agree that I have read and accept ATL's Terms and Conditions, as stated in www.atlglobal.com/terms-and-conditions.

Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
M. Mason MARK MASON	1-18-22		[signature]	1/18/22	1525
[signature]	1822	1557	[signature]	1/18/22	15:57

ADVANCED TECHNOLOGY LABORATORIES

3275 Walnut Ave., Signal Hill, CA 90755
Tel: (562) 989-4045 • Fax: (562) 989-4040

CHAIN OF CUSTODY RECORD

Page 3 of 8

22 00066

FOR LABORATORY USE ONLY		ATLCOC Ver:20210101
Method of Transport	Sample Conditions Upon Receipt	
☐ Client ☑ ATL	Condition Y N	Condition Y N
☐ FedEx ☐ OnTrac	1. CHILLED ☑ ☐	5. # OF SAMPLES MATCH COC ☑ ☐
☐ GSO	2. HEADSPACE (VOA) < 6mm ☐ ☐	6. PRESERVED ☐ ☑
☐ Other:	3. CONTAINER INTACT ☑ ☐	7 Cooler Temp (°C) 6.0
	4. SEALED ☐ ☑	8 THERMOMETER ID:

Company: STANTEC
Address:
City:
State:
Zip:
Tel:
Fax:

SEND REPORT TO:
Attn: JAMES DEWBOY
Email:
Company:
Address:
City:
State:
Zip:

SEND INVOICE TO: ☐ same as SEND REPORT TO
Attn:
Email:
Company:
Email:
Address:
City:
State:
Zip:

EDD		QA/QC	
☐	Excel	☐	Routine
☐	EDF	☐ ☐	Caltrans Legal
☐	Equis	☐ ☐	RWQCB Level IV
☐		☐	

Project Name:
Quote #:
Project No.:
PO #:
Sampler: M. Mason 805-341-6739

ITEM	Lab ID (For Lab Use Only)	Sample Description: Sample ID	Location	Date	Time	TPH (8260B)	LEAD (6010B)	Solid	Water	Wastewater	Non-aqueous	Other:	Turnaround Time (TAT)	Quantity	Container: Type: 1=Tube; 2=VOA; 3=Liter; 4=Pint; 5=Jar; 6=Vial; 7=Canister	Container: Material: 1=Glass; 2=Plastic; 3=Metal	Container: Preservative: 1=HCl; 2=HNO3; 3=H2SO4; 4=4C; 5=ZnAc2; 6=NaOH; 7=NaS2O3	Remarks
1	21	B-20-1		1-18-22	0919													HOLD
2	22	B-20-2			0921		X											
3	23	B-20-3			0924													HOLD
4	24	B-20-4			0926		X											
5	25	B-21-0.25			0940	X												
6	26	B-21-0.5			0941		X											
7	27	B-21-1			0942													HOLD
8	28	B-21-2			0944													HOLD
9	29	B-21-3			0948													HOLD
10	30	B-21-4			0950		X											

(Special Instructions, Comments, Notes, etc.)

By relinquishing samples to ATL, I hereby agree that I have read and accept ATL's Terms and Conditions, as stated in www.atlglobal.com/terms-and-conditions.

Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
M. Mason / M. Mason	1-18-22			1-18-22	1525
	1-18-22	1557		1/18/22	15:57
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:

ADVANCED TECHNOLOGY LABORATORIES

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CHAIN OF CUSTODY RECORD

Page 4 of 8

2200066

FOR LABORATORY USE ONLY			ATLCOC Ver:20210101
Method of Transport	Sample Conditions Upon Receipt		
☐ Client ☑ ATL	Condition	Y	N
☐ FedEx ☐ OnTrac	1. CHILLED	☑	☐
☐ GSO	2. HEADSPACE (VOA) < 6mm	☐	☐
☐ Other:	3. CONTAINER INTACT	☑	☐
	4. SEALED	☐	☑
	5. # OF SAMPLES MATCH COC	☑	☐
	6. PRESERVED	☐	☑
	7 Cooler Temp (°C)		
	8 THERMOMETER ID:	6.0	

Company: STANTEC
Address:
City: State: Zip:
Tel:
Fax:

SEND REPORT TO:
Attn: JAMES DEWOODY Email:
Company:
Address:
City: State: Zip:

SEND INVOICE TO: ☐ same as SEND REPORT TO
Attn: Email:
Company: Email:
Address:
City: State: Zip:

EDD		QA/QC	
☐	Excel	☐	Routine
☐	EDF	☐ ☐	Caltrans Legal
☐	Equis	☐ ☐	RWQCB Level IV
☐		☐	

Project Name: 319-327 N. HARBOR BLVD, SAN PEDRO
Project No.: 31
Sampler: M. MASON 805-341-6739
Quote #:
PO #:

ITEM	Lab ID (For Lab Use Only)	Sample ID	Location	Date	Time	TPH (8260B)	LEAD (6010B)	Solid	Water	Wastewater	Non-aqueous	Other:	Turnaround Time (TAT)	Quantity	Type: 1=Tube; 2=VOA; 3=Liter; 4=Fric; 5=Jar; 6=Cellar; 7 = Canister	Material: 1=Glass; 2=Plastic; 3=Metal	Preservative: 1=HCl; 2=HNO3; 3=H2SO4; 4 =4C; 5=Zn(Ac)2; 6=NaOH; 7=NaOS2O3	Remarks
1	31	B-21-5		1-18-22	1110													HOLD
2	32	B-21-7			1120		X											
3	33	B-22-0.25			1121	X												
4	34	B-22-0.5			1122		X											
5	35	B-22-1			1123													HOLD
6	36	B-22-2			1124													HOLD
7	37	B-22-3			1125													HOLD
8	38	B-22-4			1126		X											
9	39	B-22-5			1131													HOLD
10	40	B-22-7			1134		X											

(Special Instructions, Comments, Notes, etc.)

By relinquishing samples to ATL, I hereby agree that I have read and accept ATL's Terms and Conditions, as posted in www.atlglobal.com/terms-and-conditions.

Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
M. Mason / M. Mason	1-18-22			1/18/22	1525
	1/18/22	0957		1/18/22	15:57

ADVANCED TECHNOLOGY LABORATORIES

3275 Walnut Ave., Signal Hill, CA 90755
Tel: (562) 989-4045 • Fax: (562) 989-4040

CHAIN OF CUSTODY RECORD

Page 5 of 8

22 00066

FOR LABORATORY USE ONLY			ATLCOC Ver:20210101
Method of Transport		Sample Conditions Upon Receipt	
☐ Client ☑ ATL		Condition	Y / N
☐ FedEx ☐ OnTrac		1. CHILLED	☑ / ☐
☐ GSO		2. HEADSPACE (VOA) < 6mm	☐ / ☐
☐ Other:		3. CONTAINER INTACT	☑ / ☐
		4. SEALED	☐ / ☑
		5. # OF SAMPLES MATCH COC	☑ / ☐
		6. PRESERVED	☐ / ☑
		7. Cooler Temp (°C)	6.0
		8. THERMOMETER ID:	

Company: STANTEC
Address:
City:
State:
Zip:
Tel:
Fax:

SEND REPORT TO:
Attn: JAMES DEWOODY
Email:
Company:
Address:
City:
State:
Zip:

SEND INVOICE TO: ☐ same as SEND REPORT TO
Attn:
Email:
Company:
Email:
Address:
City:
State:
Zip:

EDD
☐ Excel
☐ EDF
☐ Equis

QA/QC
☐ Routine
☐ Caltrans
☐ Legal
☐ RWQCB
☐ Level IV

Project Name: 319-327 N. HARBOR BLVD, SAN PEDRO
Project No.:
Sampler: M. MASON 805-341-6739
Quote #:
PO #:

ITEM	Lab ID (For Lab Use Only)	Sample ID	Location	Date	Time	TPH (8260B)	LEAD (6010B)	Solid	Water	Wastewater	Non-aqueous	Other:	Turnaround Time (TAT)	Quantity	Container	Remarks
1	41	B-23-0.25		1-18-22	1138	X										
2	42	B-23-0.5			1140		X									
3	43	B-23-1			1142											HOLD
4	44	B-23-2			1210											HOLD
5	45	B-23-3			1213											HOLD
6	46	B-24-0.25			1221	X										
7	47	B-24-0.5			1223		X									
8	48	B-24-1			1225											HOLD
9	49	B-24-2			1228											HOLD
10	50	B-24-3			1230											HOLD

(Special Instructions, Comments, Notes, etc.)

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Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
M. Mason / M. Mason	1-18-22			1/18/22	1525
	1-18-22	1557		1/18/22	1557
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:

ADVANCED TECHNOLOGY LABORATORIES

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CHAIN OF CUSTODY RECORD

Page 6 of 8

22 00066

FOR LABORATORY USE ONLY			ATLCOC Ver:20210101
Method of Transport	Sample Conditions Upon Receipt		
☐ Client ☑ ATL	Condition	Y	N
☐ FedEx ☐ OnTrac	1. CHILLED	☑	☐
☐ GSO	2. HEADSPACE (VOA) < 6mm	☐	☐
☐ Other:	3. CONTAINER INTACT	☑	☐
	4. SEALED	☐	☑
	5. # OF SAMPLES MATCH COC	☑	☐
	6. PRESERVED	☐	☑
	7 Cooler Temp (°C)	6.0	
	8 THERMOMETER ID:		

Company: STANTEC
Address:
Tel:
City:
State:
Zip:
Fax:

SEND REPORT TO:
Attn: JAMES DE WOODY
Email:
Company:
Address:
City:
State:
Zip:

SEND INVOICE TO: ☐ same as SEND REPORT TO
Attn:
Email:
Company:
Email:
Address:
City:
State:
Zip:

EDD		QA/QC	
☐	Excel	☐	Routine
☐	EDF	☐ ☐	Caltrans Legal
☐	Equis	☐ ☐	RWQCB Level IV
☐		☐	

Project Name: 319-327 N. HARBOR BLVD. SAN PEDRO
Project No.:
Sampler: M. MASON 805-341-6739
Quote #:
PO #:

Requested Analysis: TPH (8260B), LEAD (6010B)

Sample Matrix: Solid, Water, Wastewater, Non-aqueous, Other:

Turnaround Time (TAT)

Container: Quantity; Type 1=Tube; 2=VOA; 3=Liter; 4=Pint; 5=Jar; 6=Cellar; 7 = Canister; Material: 1=Glass; 2=Plastic; 3=Metal; Preservative: 1=HCl; 2=HNO3; 3=H2SO4; 4 =4C; 5=Zn(Ac)2; 6=NaOH; 7=NaS2O3

Remarks

ITEM	Lab ID (For Lab Use Only)	Sample ID	Location	Date	Time	TPH (8260B)	LEAD (6010B)	Remarks
1	51	B-24-4		1-18-22	1231		X	
2	52	B-24-5		↓	1232			HOLD
3	53	B-24-7			1240		X	
4	54	B-25-0.25			1245	X		
5	55	B-25-0.5			1246		X	
6	56	B-25-1			1249			HOLD
7	57	B-25-2			1253			HOLD
8	58	B-25-3			1257			HOLD
9	59	B-25-4			1259		X	
10	60	B-25-5		↓	1305			HOLD

(Special Instructions, Comments, Notes, etc.)

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Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
M. MASON / M. Mason	1-18-22			1/18/22	1525
	1/18/22	1557		1/18/22	15:57

ADVANCED TECHNOLOGY LABORATORIES

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CHAIN OF CUSTODY RECORD

Page 7 of 8

22 00066

FOR LABORATORY USE ONLY		ATLCOC Ver:20210101
Method of Transport	Sample Conditions Upon Receipt	
☐ Client ☒ ATL	Condition Y N	Condition Y N
☐ FedEx ☐ OnTrac	1. CHILLED ☒ ☐	5. # OF SAMPLES MATCH COC ☒ ☐
☐ GSO	2. HEADSPACE (VOA) < 6mm ☐ ☐	6. PRESERVED ☐ ☒
☐ Other:	3. CONTAINER INTACT ☒ ☐	7 Cooler Temp (°C) 6.0
	4. SEALED ☐ ☒	8 THERMOMETER ID:

Company: STANTEC
Address:
City: State: Zip:
Tel:
Fax:

SEND REPORT TO:
Attn: JAMES DELWOOD Email:
Company:
Address:
City: State: Zip:

SEND INVOICE TO: ☐ same as SEND REPORT TO
Attn: Email:
Company: Email:
Address:
City: State: Zip:

EDD: ☐ Excel ☐ EDF ☐ Equis ☐

QA/QC: ☐ Routine ☐ Caltrans ☐ Legal ☐ RWQCB ☐ Level IV

Project Name: 319-327 N. HARBOR BLVD. SAN PEDRO
Project No.:
Sampler: M. MASON 805-341-6739
Quote #:
PO #:

ITEM	Lab ID (For Lab Use Only)	Sample ID	Location	Date	Time	TPH (8260B)	LEAD (6010B)	Solid	Water	Wastewater	Non-aqueous	Other:	Turnaround Time (TAT)	Quantity	Container	Remarks
1	61	B-25-7		1-18-22	1310		X									
2	62	B-26-0.25			1315	X										
3	63	B-26-0.5			1316		X									
4	64	B-26-1			1318											HOLD
5	65	B-26-2			1324											HOLD
6	66	B-27-0.25			1339	X										
7	67	B-27-0.5			1342		X									
8	68	B-27-1			1343											HOLD
9	69	B-27-2			1345											HOLD
10	70	B-27-3			1346											HOLD

(Special Instructions, Comments, Notes, etc.)

Container: Type: 1=Tube; 2=VOA; 3=Liter; 4=Pint; 5=Jar; 6=Tedlar; 7=Canister. Material: 1=Glass; 2=Plastic; 3=Metal. Preservative: 1=HCl; 2=HNO3; 3=H2SO4; 4=4C; 5=ZnAc2; 6=NaOH; 7=NaOH/ZnAc

By relinquishing samples to ATL, I hereby agree that I have read and accept ATL's Terms and Conditions, as posted in www.atlglobal.com/terms-and-conditions.

Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
M. Mason / M. Mason	1-18-22			1822	1525
	1822	1557		1/18/22	15:57

ADVANCED TECHNOLOGY LABORATORIES

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CHAIN OF CUSTODY RECORD

Page 8 of 8

22 00066

FOR LABORATORY USE ONLY			ATLCOC Ver:20210101
Method of Transport	Sample Conditions Upon Receipt		
☐ Client ☑ ATL	Condition	Y	N
☐ FedEx ☐ OnTrac	1. CHILLED	☑	☐
☐ GSO	2. HEADSPACE (VOA) < 6mm	☐	☐
☐ Other:	3. CONTAINER INTACT	☑	☐
	4. SEALED	☐	☑
	5. # OF SAMPLES MATCH COC	☑	☐
	6. PRESERVED	☐	☑
	7 Cooler Temp (°C)	6.0	
	8 THERMOMETER ID:		

Company: STANTEC
Address:
City:
State:
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EDD		QA/QC	
☐	Excel	☐	Routine
☐	EDF	☐ ☐	Caltrans Legal
☐	Equis	☐ ☐	RWQCB Level IV
☐		☐	

Project Name:
Quote #:
Project No.:
PO #:
Sampler: M. Mason 805-341-6739

ITEM	Lab ID (For Lab Use Only)	Sample Description: Sample ID	Location	Date	Time	TPH (8260B)	Lead (6010B)	Solid	Water	Wastewater	Non-aqueous	Other:	Turnaround Time (TAT)	Quantity	Type: 1=Tube; 2=VOA; 3=Liter; 4=Pint; 5=Jar; 6=Tedlar; 7=Canister	Material: 1=Glass; 2=Plastic; 3=Metal	Preservative: 1=HCl; 2=HNO3; 3=H2SO4; 4=MeOH; 5=ZnOAc; 6=NaOH; 7=NaHSO3	Remarks
1	71	B-27-4		1-18-22	1347		X											
2	72	B-27-5		1-18-22	1348													HOLD
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		

(Special Instructions, Comments, Notes, etc.)

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Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
M. Mason / M. Mason	1-18-22			1/18/22	1525
	1/18/22	1557		1/18/22	15:57

February 16, 2022

Jim Dewoody
Stantec
735 E. Carnegie Drive, Suite 280
San Bernardino, CA 92408
Tel: (909) 335-6116
Fax:(909) 335-6120

ELAP No.: 1838
CSDLAC No.: 10196
ORELAP No.: CA300003

Re: ATL Work Order Number : 2200066
Client Reference : 319-327 N. HARBOR BLVD, SAN PEDRO

Enclosed are the results for sample(s) received on January 18, 2022 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or Project.Management@atlglobal.com.

Sincerely,

Victoria Michel, Project Assistant
Victoria.Michel@atlglobal.com
Authorized to Release on 02/16/22 16:11 on Behalf of

Amy Leung
Laboratory Director

The test results in this report relate exclusively to the samples as received by the laboratory, and meet the requirements of the methodology under which they were reported; any exceptions are noted within the report and/ or case narrative.

The cover letter/ signature page and the case narrative are integral parts of this analytical report; the absence of any portion of the report renders the report invalid. This report shall not be reproduced except in full, and shall have the express written approval of the laboratory, and the original client firm to do so

.

The electronic signature on this report is signed by an authorized signatory of Advanced Technology Laboratories, and is intended to be legally binding as the equivalent of a handwritten signature.

Certificate of Analysis

Stantec		Project Number :	319-327 N. HARBOR BLVD, SAN PEDRO
735 E. Carnegie Drive, Suite 280		Report To :	Jim Dewoody
San Bernardino , CA 92408		Reported :	02/16/2022

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B-27-1	2200066-68	Soil	1/18/22 13:43	1/18/22 15:25
B-27-2	2200066-69	Soil	1/18/22 13:45	1/18/22 15:25

Certificate of Analysis

Stantec		Project Number :	319-327 N. HARBOR BLVD, SAN PEDRO
735 E. Carnegie Drive, Suite 280		Report To :	Jim Dewoody
San Bernardino , CA 92408		Reported :	02/16/2022

Lead by ICP-AES EPA 6010B

Analyte: Lead **Analyst: WT**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
2200066-68	B-27-1	**1300**	mg/kg	10	1.8	10	B2B1047	02/16/2022	02/16/22 14:22	
2200066-69	B-27-2	**1800**	mg/kg	10	1.8	10	B2B1047	02/16/2022	02/16/22 14:39	

Certificate of Analysis

Stantec		Project Number :	319-327 N. HARBOR BLVD, SAN PEDRO
735 E. Carnegie Drive, Suite 280		Report To :	Jim Dewoody
San Bernardino , CA 92408		Reported :	02/16/2022

QUALITY CONTROL SECTION

Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2B1047 - EPA 3050 Modified_S										
Blank (B2B1047-BLK1)						Prepared: 2/15/2022 Analyzed: 2/16/2022				
Lead	ND	1.0	0.18							
LCS (B2B1047-BS1)						Prepared: 2/15/2022 Analyzed: 2/16/2022				
Lead	25.1325	1.0	0.18	25.0000		101	80 - 120			
Duplicate (B2B1047-DUP1)			**Source: 2200066-68**			Prepared: 2/15/2022 Analyzed: 2/16/2022				
Lead	1187.53	1.0	0.18		1255.29			5.55	20	
Matrix Spike (B2B1047-MS1)			**Source: 2200066-68**			Prepared: 2/15/2022 Analyzed: 2/16/2022				
Lead	1276.95	10	1.8	25.0000	1255.29	86.6	26 - 161			
Matrix Spike Dup (B2B1047-MSD1)			**Source: 2200066-68**			Prepared: 2/15/2022 Analyzed: 2/16/2022				
Lead	1284.26	10	1.8	25.0000	1255.29	116	26 - 161	0.571	20	

Certificate of Analysis

Stantec		Project Number :	319-327 N. HARBOR BLVD, SAN PEDRO
735 E. Carnegie Drive, Suite 280		Report To :	Jim Dewoody
San Bernardino , CA 92408		Reported :	02/16/2022

Notes and Definitions

ND	Analyte is not detected at or above the Practical Quantitation Limit (PQL). When client requests quantitation against MDL, analyte is not detected at or above the Method Detection Limit (MDL)
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference
CA2	CA-ELAP (CDPH)
OR1	OR-NELAP (OSPHL)

Notes:
(1) The reported MDL and PQL are based on prep ratio variation and analytical dilution.
(2) The suffix [2C] of specific analytes signifies that the reported result is taken from the instrument's second column.
(3) Results are wet unless otherwise specified.

ADVANCED TECHNOLOGY LABORATORIES

3275 Walnut Ave., Signal Hill, CA 90755
Tel: (562) 989-4045 • Fax: (562) 989-4040

CHAIN OF CUSTODY RECORD

Page 1 of 8

22 000066

FOR LABORATORY USE ONLY		ATLCOC Ver:20210101
Method of Transport	Sample Conditions Upon Receipt	
☐ Client ☑ ATL	Condition Y N	Condition Y N
☐ FedEx ☐ OnTrac	1. CHILLED ☑ ☐	5. # OF SAMPLES MATCH COC ☑ ☐
☐ GSO	2. HEADSPACE (VOA) < 6mm ☐ ☑	6. PRESERVED ☐ ☑
☐ Other:	3. CONTAINER INTACT ☑ ☐	7. Cooler Temp (°C) 6.0
	4. SEALED ☐ ☑	8 THERMOMETER ID:

Company: STANTEC

Address:

City: SAN BERNARDINO State: CA Zip: Tel: Fax:

SEND REPORT TO:

Attn: JAMES DEWOODY Email: JAMES.DEWOODY@STANTEC.COM

Company: STANTEC

Address:

City: State: Zip:

SEND INVOICE TO: ☐ same as SEND REPORT TO

Attn: SAME Email:

Company: Email:

Address:

City: State: Zip:

EDD		QA/QC	
☐	Excel	☐	Routine
☐	EDF	☐ ☐	Caltrans Legal
☐	Equis	☐ ☐	RWQCB Level IV
☐		☐	

Project Name: 319 – 327 N. HARBOR BLVD, SAN PEDRO

Project No.:

Sampler: M. MASON 805-341-6739

Quote #:

PO #:

ITEM	Lab ID (For Lab Use Only)	Sample Description: Sample ID	Location	Date	Time	TPH (8260B)	LEAD (6010B)	Solid	Water	Wastewater	Non-aqueous	Other:	Turnaround Time (TAT)	Quantity	Type: 1=Tube; 2=VOA; 3=Liter; 4=Pint; 5=Jar; 6=Tedlar; 7 = Canister	Material: 1=Glass; 2=Plastic; 3=Metal	Preservative: 1=HCl; 2=HNO3; 3=H2SO4; 4=4C; 5=Zn(Ac)2; 6=NaOH; 7=NA2S2O3	Remarks
1	1	B-17-0.25		1-18-22	0830	X		X					5					
2	2	B-17-0.5			0837		X	X										
3	3	B-17-1			0836			X										HOLD
4	4	B-17-2			0840		X	X										
5	5	B-17-3			0844			X										HOLD
6	6	B-17-4			0845		X	X										
7	7	B-18-0.25			0851	X		X										
8	8	B-18-0.5	(0852)		~~0906~~		X	X										0852
9	9	B-18-1			0854			X										HOLD
10	10	B-18-2			0856		X	X										

(Special Instructions, Comments, Notes, etc.)

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Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
M. MASON	1-18-22	1525	[illegible]	1-18-22	1525
[illegible]	1-18-22	1557	[illegible]	1/18/22	15:57

ADVANCED TECHNOLOGY LABORATORIES

3275 Walnut Ave., Signal Hill, CA 90755
Tel: (562) 989-4045 • Fax: (562) 989-4040

CHAIN OF CUSTODY RECORD

Page 2 of 8

22 00066

FOR LABORATORY USE ONLY		ATLCOC Ver:20210101
Method of Transport	Sample Conditions Upon Receipt	
☐ Client ☑ ATL	Condition Y N	Condition Y N
☐ FedEx ☐ OnTrac	1. CHILLED ☑ ☐	5. # OF SAMPLES MATCH COC ☑ ☐
☐ GSO	2. HEADSPACE (VOA) < 6mm ☐ ☐	6. PRESERVED ☐ ☑
☐ Other:	3. CONTAINER INTACT ☑ ☐	7 Cooler Temp (°C) 6.0
	4. SEALED ☐ ☑	8 THERMOMETER ID:

SEND REPORT TO:	SEND INVOICE TO: ☐ same as SEND REPORT TO
Company: STANTEC	Address:
	City: SAN BERNARDINO CA. State: CA Zip:
	Tel: Fax:
Attn: JAMES DEWOODY Email: JAMES.DEWOODY@STANTEC.COM	Attn: Email:
Company: STANTEC	Company: Email:
Address:	Address:
City: State: Zip:	City: State: Zip:

EDD	QA/QC
☐ Excel	☐ Routine
☐ EDF	☐ Caltrans ☐ Legal
☐ Equis	☐ RWQCB Level IV
☐	☐

Project Name: 319-327 N. HARBOR BLVD. SAN PEDRO
Project No.:
Sampler: M. MASON 805-341-6739
Quote #:
PO #:

ITEM	Lab ID (For Lab Use Only)	Sample Description: Sample ID	Location	Date	Time	TPH (8260B)	Lead (6010B)	Solid	Water	Wastewater	Non-aqueous	Other:	Turnaround Time (TAT)	Quantity	Container: Type: 1=Tube; 2=VOA; 3=Liter; 4=Pint; 5=Jar; 6=Tedlar; 7=Canister	Container: Material: 1=Glass; 2=Plastic; 3=Metal	Container: Preservative: 1=HCl; 2=HNO3; 3=H2SO4; 4=4C; 5=ZnAc/2; 6=NaOH; 7=NaOS2O3	Remarks
1	11	B-18-3		1-18-22	0858			X					5					HOLD
2	12	B-18-4			0900		X	X										
3	13	B-19-0.25			0904	X		X										
4	14	B-19-0.5			0906		X	X										
5	15	B-19-1			0908			X										HOLD
6	16	B-19-2			0910		X	X										
7	17	B-19-3			0912			X										HOLD
8	18	B-19-4			0914		X	X										
9	19	B-20-0.25			0916	X		X										
10	20	B-20-0.5			0918		X	X										

(Special Instructions, Comments, Notes, etc.)

By relinquishing samples to ATL, I hereby agree that I have read and accept ATL's Terms and Conditions, as stated in www.atlglobal.com/terms-and-conditions.

Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
M. Mason MARK MASON	1-18-22		[signature]	1/18/22	1525
[signature]	1822	1557	[signature]	1/18/22	15:57

ADVANCED TECHNOLOGY LABORATORIES

3275 Walnut Ave., Signal Hill, CA 90755
Tel: (562) 989-4045 • Fax: (562) 989-4040

CHAIN OF CUSTODY RECORD

Page 3 of 8

22 00066

FOR LABORATORY USE ONLY		ATLCOC Ver:20210101
Method of Transport	Sample Conditions Upon Receipt	
☐ Client ☑ ATL	Condition Y N	Condition Y N
☐ FedEx ☐ OnTrac	1. CHILLED ☑ ☐	5. # OF SAMPLES MATCH COC ☑ ☐
☐ GSO	2. HEADSPACE (VOA) < 6mm ☐ ☐	6. PRESERVED ☐ ☑
☐ Other:	3. CONTAINER INTACT ☑ ☐	7 Cooler Temp (°C) 6.0
	4. SEALED ☐ ☑	8 THERMOMETER ID:

Company: STANTEC
Address:
City:
State:
Zip:
Tel:
Fax:

SEND REPORT TO:
Attn: JAMES DEWBOY
Email:
Company:
Address:
City:
State:
Zip:

SEND INVOICE TO: ☐ same as SEND REPORT TO
Attn:
Email:
Company:
Email:
Address:
City:
State:
Zip:

EDD		QA/QC	
☐	Excel	☐	Routine
☐	EDF	☐ ☐	Caltrans Legal
☐	Equis	☐ ☐	RWQCB Level IV
☐		☐	

Project Name:
Quote #:
Project No.:
PO #:
Sampler: M. Mason 805-341-6739

ITEM	Lab ID (For Lab Use Only)	Sample Description: Sample ID	Location	Date	Time	TPH (8260B)	LEAD (6010B)	Solid	Water	Wastewater	Non-aqueous	Other:	Turnaround Time (TAT)	Quantity	Container: Type: 1=Tube; 2=VOA; 3=Liter; 4=Pint; 5=Jar; 6=Vial; 7=Canister	Container: Material: 1=Glass; 2=Plastic; 3=Metal	Container: Preservative: 1=HCl; 2=HNO3; 3=H2SO4; 4=4C; 5=ZnAc2; 6=NaOH; 7=NaS2O3	Remarks
1	21	B-20-1		1-18-22	0919													HOLD
2	22	B-20-2			0921		X											
3	23	B-20-3			0924													HOLD
4	24	B-20-4			0926		X											
5	25	B-21-0.25			0940	X												
6	26	B-21-0.5			0941		X											
7	27	B-21-1			0942													HOLD
8	28	B-21-2			0944													HOLD
9	29	B-21-3			0948													HOLD
10	30	B-21-4			0950		X											

(Special Instructions, Comments, Notes, etc.)

By relinquishing samples to ATL, I hereby agree that I have read and accept ATL's Terms and Conditions, as stated in www.atlglobal.com/terms-and-conditions.

Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
M. Mason / M. Mason	1-18-22			1-18-22	1525
	1-18-22	1557		1/18/22	15:57
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:

ADVANCED TECHNOLOGY LABORATORIES

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Tel: (562) 989-4045 • Fax: (562) 989-4040

CHAIN OF CUSTODY RECORD

Page 4 of 8

2200066

FOR LABORATORY USE ONLY			ATLCOC Ver:20210101
Method of Transport	Sample Conditions Upon Receipt		
☐ Client ☑ ATL	Condition	Y	N
☐ FedEx ☐ OnTrac	1. CHILLED	☑	☐
☐ GSO	2. HEADSPACE (VOA) < 6mm	☐	☐
☐ Other:	3. CONTAINER INTACT	☑	☐
	4. SEALED	☐	☑
	5. # OF SAMPLES MATCH COC	☑	☐
	6. PRESERVED	☐	☑
	7 Cooler Temp (°C)		
	8 THERMOMETER ID:	6.0	

Company: STANTEC
Address:
City: State: Zip:
Tel:
Fax:

SEND REPORT TO:
Attn: JAMES DEWOODY Email:
Company:
Address:
City: State: Zip:

SEND INVOICE TO: ☐ same as SEND REPORT TO
Attn: Email:
Company: Email:
Address:
City: State: Zip:

EDD		QA/QC	
☐	Excel	☐	Routine
☐	EDF	☐ ☐	Caltrans Legal
☐	Equis	☐ ☐	RWQCB Level IV
☐		☐	

Project Name: 319-327 N. HARBOR BLVD, SAN PEDRO
Project No.: 31
Sampler: M. MASON 805-341-6739
Quote #:
PO #:

ITEM	Lab ID (For Lab Use Only)	Sample ID	Location	Date	Time	TPH (8260B)	LEAD (6010B)	Solid	Water	Wastewater	Non-aqueous	Other:	Turnaround Time (TAT)	Quantity	Type: 1=Tube; 2=VOA; 3=Liter; 4=Fric; 5=Jar; 6=Cellar; 7 = Canister	Material: 1=Glass; 2=Plastic; 3=Metal	Preservative: 1=HCl; 2=HNO3; 3=H2SO4; 4 =4C; 5=Zn(Ac)2; 6=NaOH; 7=NaOS2O3	Remarks
1	31	B-21-5		1-18-22	1110													HOLD
2	32	B-21-7			1120		X											
3	33	B-22-0.25			1121	X												
4	34	B-22-0.5			1122		X											
5	35	B-22-1			1123													HOLD
6	36	B-22-2			1124													HOLD
7	37	B-22-3			1125													HOLD
8	38	B-22-4			1126		X											
9	39	B-22-5			1131													HOLD
10	40	B-22-7			1134		X											

(Special Instructions, Comments, Notes, etc.)

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Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
M. Mason / M. Mason	1-18-22			1/18/22	1525
	1/18/22	0957		1/18/22	15:57

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CHAIN OF CUSTODY RECORD

Page 5 of 8

22 00066

FOR LABORATORY USE ONLY			ATLCOC Ver:20210101
Method of Transport		Sample Conditions Upon Receipt	
☐ Client ☑ ATL		Condition	Y / N
☐ FedEx ☐ OnTrac		1. CHILLED	☑ / ☐
☐ GSO		2. HEADSPACE (VOA) < 6mm	☐ / ☐
☐ Other:		3. CONTAINER INTACT	☑ / ☐
		4. SEALED	☐ / ☑
		5. # OF SAMPLES MATCH COC	☑ / ☐
		6. PRESERVED	☐ / ☑
		7. Cooler Temp (°C)	6.0
		8. THERMOMETER ID:	

Company: STANTEC
Address:
City:
State:
Zip:
Tel:
Fax:

SEND REPORT TO:
Attn: JAMES DEWOODY
Email:
Company:
Address:
City:
State:
Zip:

SEND INVOICE TO: ☐ same as SEND REPORT TO
Attn:
Email:
Company:
Email:
Address:
City:
State:
Zip:

EDD
☐ Excel
☐ EDF
☐ Equis

QA/QC
☐ Routine
☐ Caltrans
☐ Legal
☐ RWQCB
☐ Level IV

Project Name: 319-327 N. HARBOR BLVD, SAN PEDRO
Project No.:
Sampler: M. MASON 805-341-6739
Quote #:
PO #:

ITEM	Lab ID (For Lab Use Only)	Sample ID	Location	Date	Time	TPH (8260B)	LEAD (6010B)	Solid	Water	Wastewater	Non-aqueous	Other:	Turnaround Time (TAT)	Quantity	Container	Remarks
1	41	B-23-0.25		1-18-22	1138	X										
2	42	B-23-0.5			1140		X									
3	43	B-23-1			1142											HOLD
4	44	B-23-2			1210											HOLD
5	45	B-23-3			1213											HOLD
6	46	B-24-0.25			1221	X										
7	47	B-24-0.5			1223		X									
8	48	B-24-1			1225											HOLD
9	49	B-24-2			1228											HOLD
10	50	B-24-3			1230											HOLD

(Special Instructions, Comments, Notes, etc.)

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Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
M. Mason / M. Mason	1-18-22			1/18/22	1525
	1-18-22	1557		1/18/22	1557
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:

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CHAIN OF CUSTODY RECORD

Page 6 of 8

22 00066

FOR LABORATORY USE ONLY			ATLCOC Ver:20210101
Method of Transport	Sample Conditions Upon Receipt		
☐ Client ☑ ATL	Condition	Y	N
☐ FedEx ☐ OnTrac	1. CHILLED	☑	☐
☐ GSO	2. HEADSPACE (VOA) < 6mm	☐	☐
☐ Other:	3. CONTAINER INTACT	☑	☐
	4. SEALED	☐	☑
	5. # OF SAMPLES MATCH COC	☑	☐
	6. PRESERVED	☐	☑
	7 Cooler Temp (°C)	6.0	
	8 THERMOMETER ID:		

Company: STANTEC
Address:
Tel:
City:
State:
Zip:
Fax:

SEND REPORT TO:
Attn: JAMES DE WOODY
Email:
Company:
Address:
City:
State:
Zip:

SEND INVOICE TO: ☐ same as SEND REPORT TO
Attn:
Email:
Company:
Email:
Address:
City:
State:
Zip:

EDD		QA/QC	
☐	Excel	☐	Routine
☐	EDF	☐ ☐	Caltrans Legal
☐	Equis	☐ ☐	RWQCB Level IV
☐		☐	

Project Name: 319-327 N. HARBOR BLVD. SAN PEDRO
Project No.:
Sampler: M. MASON 805-341-6739
Quote #:
PO #:

Requested Analysis: TPH (8260B), LEAD (6010B)

Sample Matrix: Solid, Water, Wastewater, Non-aqueous, Other:

Turnaround Time (TAT)

Container: Quantity; Type 1=Tube; 2=VOA; 3=Liter; 4=Pint; 5=Jar; 6=Cellar; 7 = Canister; Material: 1=Glass; 2=Plastic; 3=Metal; Preservative: 1=HCl; 2=HNO3; 3=H2SO4; 4 =4C; 5=Zn(Ac)2; 6=NaOH; 7=NaS2O3

Remarks

ITEM	Lab ID (For Lab Use Only)	Sample ID	Location	Date	Time	TPH (8260B)	LEAD (6010B)	Remarks
1	51	B-24-4		1-18-22	1231		X	
2	52	B-24-5		↓	1232			HOLD
3	53	B-24-7			1240		X	
4	54	B-25-0.25			1245	X		
5	55	B-25-0.5			1246		X	
6	56	B-25-1			1249			HOLD
7	57	B-25-2			1253			HOLD
8	58	B-25-3			1257			HOLD
9	59	B-25-4			1259		X	
10	60	B-25-5		↓	1305			HOLD

(Special Instructions, Comments, Notes, etc.)

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Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
M. MASON / M. Mason	1-18-22			1/18/22	1525
	1/18/22	1557		1/18/22	15:57

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3275 Walnut Ave., Signal Hill, CA 90755
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CHAIN OF CUSTODY RECORD

Page 7 of 8

22 00066

FOR LABORATORY USE ONLY		ATLCOC Ver:20210101
Method of Transport	Sample Conditions Upon Receipt	
☐ Client ☒ ATL	Condition Y N	Condition Y N
☐ FedEx ☐ OnTrac	1. CHILLED ☒ ☐	5. # OF SAMPLES MATCH COC ☒ ☐
☐ GSO	2. HEADSPACE (VOA) < 6mm ☐ ☐	6. PRESERVED ☐ ☒
☐ Other:	3. CONTAINER INTACT ☒ ☐	7 Cooler Temp (°C) 6.0
	4. SEALED ☐ ☒	8 THERMOMETER ID:

Company: STANTEC
Address:
City: State: Zip:
Tel:
Fax:

SEND REPORT TO:
Attn: JAMES DELWOOD Email:
Company:
Address:
City: State: Zip:

SEND INVOICE TO: ☐ same as SEND REPORT TO
Attn: Email:
Company: Email:
Address:
City: State: Zip:

EDD: ☐ Excel ☐ EDF ☐ Equis ☐

QA/QC: ☐ Routine ☐ Caltrans ☐ Legal ☐ RWQCB ☐ Level IV

Project Name: 319-327 N. HARBOR BLVD. SAN PEDRO
Project No.:
Sampler: M. MASON 805-341-6739
Quote #:
PO #:

ITEM	Lab ID (For Lab Use Only)	Sample ID	Location	Date	Time	TPH (8260B)	LEAD (6010B)	Solid	Water	Wastewater	Non-aqueous	Other:	Turnaround Time (TAT)	Quantity	Container	Remarks
1	61	B-25-7		1-18-22	1310		X									
2	62	B-26-0.25			1315	X										
3	63	B-26-0.5			1316		X									
4	64	B-26-1			1318											HOLD
5	65	B-26-2			1324											HOLD
6	66	B-27-0.25			1339	X										
7	67	B-27-0.5			1342		X									
8	68	B-27-1			1343											HOLD
9	69	B-27-2			1345											HOLD
10	70	B-27-3			1346											HOLD

(Special Instructions, Comments, Notes, etc.)

Container: Type: 1=Tube; 2=VOA; 3=Liter; 4=Pint; 5=Jar; 6=Tedlar; 7=Canister. Material: 1=Glass; 2=Plastic; 3=Metal. Preservative: 1=HCl; 2=HNO3; 3=H2SO4; 4=4C; 5=ZnAc2; 6=NaOH; 7=NaOH/ZnAc

By relinquishing samples to ATL, I hereby agree that I have read and accept ATL's Terms and Conditions, as posted in www.atlglobal.com/terms-and-conditions.

Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
M. Mason / M. Mason	1-18-22			1822	1525
	1822	1557		1/18/22	15:57

ADVANCED TECHNOLOGY LABORATORIES

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CHAIN OF CUSTODY RECORD

Page 8 of 8

22 00066

FOR LABORATORY USE ONLY			ATLCOC Ver:20210101
Method of Transport	Sample Conditions Upon Receipt		
☐ Client ☑ ATL	Condition	Y	N
☐ FedEx ☐ OnTrac	1. CHILLED	☑	☐
☐ GSO	2. HEADSPACE (VOA) < 6mm	☐	☐
☐ Other:	3. CONTAINER INTACT	☑	☐
	4. SEALED	☐	☑
	5. # OF SAMPLES MATCH COC	☑	☐
	6. PRESERVED	☐	☑
	7 Cooler Temp (°C)	6.0	
	8 THERMOMETER ID:		

Company: STANTEC
Address:
City:
State:
Zip:
Tel:
Fax:

SEND REPORT TO:
Attn: JAMES DELWOOD
Email:
Company:
Address:
City:
State:
Zip:

SEND INVOICE TO: ☐ same as SEND REPORT TO
Attn:
Email:
Company:
Email:
Address:
City:
State:
Zip:

EDD		QA/QC	
☐	Excel	☐	Routine
☐	EDF	☐ ☐	Caltrans Legal
☐	Equis	☐ ☐	RWQCB Level IV
☐		☐	

Project Name:
Quote #:
Project No.:
PO #:
Sampler: M. Mason 805-341-6739

ITEM	Lab ID (For Lab Use Only)	Sample Description: Sample ID	Location	Date	Time	TPH (8260B)	Lead (6010B)	Solid	Water	Wastewater	Non-aqueous	Other:	Turnaround Time (TAT)	Quantity	Type: 1=Tube; 2=VOA; 3=Liter; 4=Pint; 5=Jar; 6=Tedlar; 7=Canister	Material: 1=Glass; 2=Plastic; 3=Metal	Preservative: 1=HCl; 2=HNO3; 3=H2SO4; 4=MeOH; 5=ZnOAc; 6=NaOH; 7=NaHSO3	Remarks
1	71	B-27-4		1-18-22	1347		X											
2	72	B-27-5		1-18-22	1348													HOLD
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		

(Special Instructions, Comments, Notes, etc.)

By relinquishing samples to ATL, I hereby agree that I have read and accept ATL's Terms and Conditions, as posted in www.atlglobal.com/terms-and-conditions.

Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
M. Mason / M. Mason	1-18-22			1/18/22	1525
	1/18/22	1557		1/18/22	15:57

ADVANCED TECHNOLOGY LABORATORIES

January 26, 2022

Jim Dewoody
Stantec
735 E. Carnegie Drive, Suite 280
San Bernardino, CA 92408
Tel: (909) 335-6116
Fax:(909) 335-6120

ELAP No.: 1838
CSDLAC No.: 10196
ORELAP No.: CA300003

Re: ATL Work Order Number : 2200067
Client Reference : 319-327 N. Harbor Blvd., San Pedro CA

Enclosed are the results for sample(s) received on January 19, 2022 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or Project.Management@atlglobal.com.

Sincerely,

Victoria Michel, Project Assistant
Victoria.Michel@atlglobal.com
Authorized to Release on 01/26/22 10:39 on Behalf of

Amy Leung
Laboratory Director

The test results in this report relate exclusively to the samples as received by the laboratory, and meet the requirements of the methodology under which they were reported; any exceptions are noted within the report and/ or case narrative.

The cover letter/ signature page and the case narrative are integral parts of this analytical report; the absence of any portion of the report renders the report invalid. This report shall not be reproduced except in full, and shall have the express written approval of the laboratory, and the original client firm to do so

.

The electronic signature on this report is signed by an authorized signatory of Advanced Technology Laboratories, and is intended to be legally binding as the equivalent of a handwritten signature.

Certificate of Analysis

Stantec		Project Number :	319-327 N. Harbor Blvd., San Pedro CA
735 E. Carnegie Drive, Suite 280		Report To :	Jim Dewoody
San Bernardino , CA 92408		Reported :	01/26/2022

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B-27-7	2200067-01	Soil	1/19/22 7:41	1/19/22 12:20
B-26-3	2200067-02	Soil	1/19/22 7:50	1/19/22 12:20
B-26-4	2200067-03	Soil	1/19/22 7:52	1/19/22 12:20
B-26-5	2200067-04	Soil	1/19/22 7:54	1/19/22 12:20
B-26-7	2200067-05	Soil	1/19/22 7:58	1/19/22 12:20
B-23-4	2200067-06	Soil	1/19/22 8:12	1/19/22 12:20
B-23-5	2200067-07	Soil	1/19/22 8:14	1/19/22 12:20
B-23-7	2200067-08	Soil	1/19/22 8:15	1/19/22 12:20
B-28-0.25	2200067-09	Soil	1/19/22 8:23	1/19/22 12:20
B-28-0.5	2200067-10	Soil	1/19/22 8:24	1/19/22 12:20
B-28-1	2200067-11	Soil	1/19/22 8:25	1/19/22 12:20
B-28-2	2200067-12	Soil	1/19/22 8:27	1/19/22 12:20
B-28-3	2200067-13	Soil	1/19/22 8:50	1/19/22 12:20
B-28-4	2200067-14	Soil	1/19/22 8:51	1/19/22 12:20
B-28-5	2200067-15	Soil	1/19/22 8:52	1/19/22 12:20
B-28-7	2200067-16	Soil	1/19/22 8:56	1/19/22 12:20
B-29-0.25	2200067-17	Soil	1/19/22 9:00	1/19/22 12:20
B-29-0.5	2200067-18	Soil	1/19/22 9:01	1/19/22 12:20
B-29-1	2200067-19	Soil	1/19/22 9:04	1/19/22 12:20
B-29-2	2200067-20	Soil	1/19/22 9:06	1/19/22 12:20
B-29-3	2200067-21	Soil	1/19/22 9:07	1/19/22 12:20
B-29-4	2200067-22	Soil	1/19/22 9:08	1/19/22 12:20
B-29-5	2200067-23	Soil	1/19/22 9:10	1/19/22 12:20
B-29-7	2200067-24	Soil	1/19/22 9:13	1/19/22 12:20
B-30-0.25	2200067-25	Soil	1/19/22 9:31	1/19/22 12:20
B-30-0.5	2200067-26	Soil	1/19/22 9:32	1/19/22 12:20
B-30-1	2200067-27	Soil	1/19/22 9:33	1/19/22 12:20
B-30-2	2200067-28	Soil	1/19/22 9:38	1/19/22 12:20
B-30-3	2200067-29	Soil	1/19/22 9:40	1/19/22 12:20
B-30-4	2200067-30	Soil	1/19/22 9:42	1/19/22 12:20
B-31-0.25	2200067-31	Soil	1/19/22 9:51	1/19/22 12:20
B-31-0.5	2200067-32	Soil	1/19/22 9:52	1/19/22 12:20
B-31-1	2200067-33	Soil	1/19/22 9:54	1/19/22 12:20
B-31-2	2200067-34	Soil	1/19/22 9:55	1/19/22 12:20
B-31-3	2200067-35	Soil	1/19/22 9:56	1/19/22 12:20

Certificate of Analysis

Stantec		Project Number :	319-327 N. Harbor Blvd., San Pedro CA
735 E. Carnegie Drive, Suite 280		Report To :	Jim Dewoody
San Bernardino , CA 92408		Reported :	01/26/2022

B-31-4	2200067-36	Soil	1/19/22 9:57	1/19/22 12:20
B-32-0.25	2200067-37	Soil	1/19/22 10:00	1/19/22 12:20
B-32-0.5	2200067-38	Soil	1/19/22 10:01	1/19/22 12:20
B-32-1	2200067-39	Soil	1/19/22 10:03	1/19/22 12:20
B-32-2	2200067-40	Soil	1/19/22 10:04	1/19/22 12:20
B-32-3	2200067-41	Soil	1/19/22 10:07	1/19/22 12:20
B-32-4	2200067-42	Soil	1/19/22 10:10	1/19/22 12:20

Certificate of Analysis

Stantec		Project Number :	319-327 N. Harbor Blvd., San Pedro CA
735 E. Carnegie Drive, Suite 280		Report To :	Jim Dewoody
San Bernardino , CA 92408		Reported :	01/26/2022

Lead by ICP-AES EPA 6010B

Analyte: Lead **Analyst: WT**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
2200067-01	B-27-7	**6.8**	mg/kg	1.0	0.18	1	B2A1053	01/21/2022	01/24/22 10:52	
2200067-03	B-26-4	**59**	mg/kg	1.0	0.18	1	B2A1053	01/21/2022	01/24/22 10:58	
2200067-05	B-26-7	**1.7**	mg/kg	1.0	0.18	1	B2A1053	01/21/2022	01/24/22 11:23	
2200067-06	B-23-4	**14**	mg/kg	1.0	0.18	1	B2A1053	01/21/2022	01/24/22 11:27	
2200067-08	B-23-7	**3.8**	mg/kg	1.0	0.18	1	B2A1053	01/21/2022	01/24/22 11:28	
2200067-10	B-28-0.5	**10**	mg/kg	1.0	0.18	1	B2A1053	01/21/2022	01/24/22 11:29	
2200067-14	B-28-4	**13**	mg/kg	1.0	0.18	1	B2A1053	01/21/2022	01/24/22 11:31	
2200067-16	B-28-7	**8.3**	mg/kg	1.0	0.18	1	B2A1053	01/21/2022	01/24/22 11:32	
2200067-18	B-29-0.5	**120**	mg/kg	1.0	0.18	1	B2A1053	01/21/2022	01/24/22 11:34	
2200067-22	B-29-4	**2.4**	mg/kg	1.0	0.18	1	B2A1053	01/21/2022	01/24/22 11:35	
2200067-24	B-29-7	**2.6**	mg/kg	1.0	0.18	1	B2A1053	01/21/2022	01/24/22 11:36	
2200067-26	B-30-0.5	**1700**	mg/kg	1.0	0.18	1	B2A1053	01/21/2022	01/24/22 11:37	
2200067-28	B-30-2	**24**	mg/kg	1.0	0.18	1	B2A1053	01/21/2022	01/24/22 11:38	
2200067-30	B-30-4	**39**	mg/kg	1.0	0.18	1	B2A1053	01/21/2022	01/24/22 11:42	
2200067-32	B-31-0.5	**21**	mg/kg	1.0	0.18	1	B2A1053	01/21/2022	01/24/22 11:43	
2200067-34	B-31-2	**3.9**	mg/kg	1.0	0.18	1	B2A1053	01/21/2022	01/24/22 11:45	
2200067-36	B-31-4	**4.5**	mg/kg	1.0	0.18	1	B2A1053	01/21/2022	01/24/22 11:46	
2200067-38	B-32-0.5	**8.7**	mg/kg	1.0	0.18	1	B2A1053	01/21/2022	01/24/22 11:47	
2200067-40	B-32-2	**5.6**	mg/kg	1.0	0.18	1	B2A1053	01/21/2022	01/24/22 11:49	
2200067-42	B-32-4	**3.7**	mg/kg	1.0	0.18	1	B2A1053	01/21/2022	01/24/22 11:50	

Certificate of Analysis

Stantec		Project Number :	319-327 N. Harbor Blvd., San Pedro CA
735 E. Carnegie Drive, Suite 280		Report To :	Jim Dewoody
San Bernardino , CA 92408		Reported :	01/26/2022

Client Sample ID B-28-0.25
Lab ID: 2200067-09

Gasoline Range Organics by EPA 8015B (Modified)

Analyst: KL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B2A1021	01/19/2022	01/19/22 19:46	
Surrogate: 4-Bromofluorobenzene	*99.1 %*	*47.6 - 121.18*		B2A1021	01/19/2022	*01/19/22 19:46*	

Diesel and Oil Range Organics by EPA 8015B

Analyst: KL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	ND	50	5	B2A1016	01/19/2022	01/19/22 23:06	D1
ORO	**95**	50	5	B2A1016	01/19/2022	01/19/22 23:06	D1
Surrogate: p-Terphenyl	*106 %*	*62 - 141*		B2A1016	01/19/2022	*01/19/22 23:06*	

Client Sample ID B-29-0.25
Lab ID: 2200067-17

Gasoline Range Organics by EPA 8015B (Modified)

Analyst: KL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B2A1021	01/19/2022	01/19/22 20:35	
Surrogate: 4-Bromofluorobenzene	*98.0 %*	*47.6 - 121.18*		B2A1021	01/19/2022	*01/19/22 20:35*	

Diesel and Oil Range Organics by EPA 8015B

Analyst: KL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	ND	200	20	B2A1016	01/19/2022	01/19/22 23:23	D1
ORO	**230**	200	20	B2A1016	01/19/2022	01/19/22 23:23	D1
Surrogate: p-Terphenyl	*108 %*	*62 - 141*		B2A1016	01/19/2022	*01/19/22 23:23*	

Certificate of Analysis

Stantec		Project Number :	319-327 N. Harbor Blvd., San Pedro CA
735 E. Carnegie Drive, Suite 280		Report To :	Jim Dewoody
San Bernardino , CA 92408		Reported :	01/26/2022

Client Sample ID B-30-0.25
Lab ID: 2200067-25

Gasoline Range Organics by EPA 8015B (Modified)

Analyst: KL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B2A1021	01/19/2022	01/19/22 20:59	
Surrogate: 4-Bromofluorobenzene	*93.4 %*	*47.6 - 121.18*		B2A1021	01/19/2022	*01/19/22 20:59*	

Diesel and Oil Range Organics by EPA 8015B

Analyst: KL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	ND	200	20	B2A1016	01/19/2022	01/19/22 23:40	D1
ORO	**630**	200	20	B2A1016	01/19/2022	01/19/22 23:40	D1
Surrogate: p-Terphenyl	*89.2 %*	*62 - 141*		B2A1016	01/19/2022	*01/19/22 23:40*	

Client Sample ID B-31-0.25
Lab ID: 2200067-31

Gasoline Range Organics by EPA 8015B (Modified)

Analyst: KL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B2A1021	01/19/2022	01/19/22 21:24	
Surrogate: 4-Bromofluorobenzene	*98.3 %*	*47.6 - 121.18*		B2A1021	01/19/2022	*01/19/22 21:24*	

Diesel and Oil Range Organics by EPA 8015B

Analyst: KL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	ND	10	1	B2A1016	01/19/2022	01/19/22 23:57	
ORO	**13**	10	1	B2A1016	01/19/2022	01/19/22 23:57	
Surrogate: p-Terphenyl	*99.7 %*	*62 - 141*		B2A1016	01/19/2022	*01/19/22 23:57*	

Certificate of Analysis

Stantec		Project Number :	319-327 N. Harbor Blvd., San Pedro CA
735 E. Carnegie Drive, Suite 280		Report To :	Jim Dewoody
San Bernardino , CA 92408		Reported :	01/26/2022

Client Sample ID B-32-0.25
Lab ID: 2200067-37

Gasoline Range Organics by EPA 8015B (Modified)

Analyst: KL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
Gasoline Range Organics	ND	1.0	1	B2A1021	01/19/2022	01/19/22 21:49	
Surrogate: 4-Bromofluorobenzene	*96.5 %*	*47.6 - 121.18*		B2A1021	01/19/2022	*01/19/22 21:49*	

Diesel and Oil Range Organics by EPA 8015B

Analyst: KL

Analyte	Result (mg/kg)	PQL (mg/kg)	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
DRO	ND	200	20	B2A1016	01/19/2022	01/20/22 00:14	D1
ORO	ND	200	20	B2A1016	01/19/2022	01/20/22 00:14	D1
Surrogate: p-Terphenyl	*121 %*	*62 - 141*		B2A1016	01/19/2022	*01/20/22 00:14*	

Certificate of Analysis

Stantec		Project Number :	319-327 N. Harbor Blvd., San Pedro CA
735 E. Carnegie Drive, Suite 280		Report To :	Jim Dewoody
San Bernardino , CA 92408		Reported :	01/26/2022

QUALITY CONTROL SECTION

Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A1053 - EPA 3050 Modified_S										
Blank (B2A1053-BLK1)						Prepared: 1/21/2022 Analyzed: 1/24/2022				
Lead	ND	1.0	0.18							
LCS (B2A1053-BS1)						Prepared: 1/21/2022 Analyzed: 1/24/2022				
Lead	24.8888	1.0	0.18	25.0000		99.6	80 - 120			
Duplicate (B2A1053-DUP1)			**Source: 2200067-01**			Prepared: 1/21/2022 Analyzed: 1/24/2022				
Lead	7.16022	1.0	0.18		6.80134			5.14	20	
Duplicate (B2A1053-DUP2)			**Source: 2200067-03**			Prepared: 1/21/2022 Analyzed: 1/24/2022				
Lead	59.3480	1.0	0.18		58.6112			1.25	20	
Matrix Spike (B2A1053-MS1)			**Source: 2200067-01**			Prepared: 1/21/2022 Analyzed: 1/24/2022				
Lead	35.4023	1.0	0.18	25.0000	6.80134	114	26 - 161			
Matrix Spike Dup (B2A1053-MSD1)			**Source: 2200067-01**			Prepared: 1/21/2022 Analyzed: 1/24/2022				
Lead	35.6999	1.0	0.18	25.0000	6.80134	116	26 - 161	0.837	20	
Matrix Spike Dup (B2A1053-MSD2)			**Source: 2200067-03**			Prepared: 1/21/2022 Analyzed: 1/24/2022				
Lead	80.4580	1.0	0.18	25.0000	58.6112	87.4	26 - 161	NR	20	

Certificate of Analysis

Stantec		Project Number :	319-327 N. Harbor Blvd., San Pedro CA
735 E. Carnegie Drive, Suite 280		Report To :	Jim Dewoody
San Bernardino , CA 92408		Reported :	01/26/2022

Gasoline Range Organics by EPA 8015B (Modified) - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A1021 - GCVOA_S										
Blank (B2A1021-BLK1)						Prepared: 1/19/2022 Analyzed: 1/19/2022				
Gasoline Range Organics	ND	1.0	0.13							
Surrogate: 4-Bromofluorobenzene	*0.7291*			*0.800000*		*91.1*	*47.6 - 121.18*			
LCS (B2A1021-BS1)						Prepared: 1/19/2022 Analyzed: 1/19/2022				
Gasoline Range Organics	4.40100	1.0	0.13	5.00000		88.0	58.69 - 124.04			
Surrogate: 4-Bromofluorobenzene	*0.7904*			*0.800000*		*98.8*	*47.6 - 121.18*			
LCS Dup (B2A1021-BSD1)						Prepared: 1/19/2022 Analyzed: 1/19/2022				
Gasoline Range Organics	4.51400	1.0	0.13	5.00000		90.3	58.69 - 124.04	2.54	20	
Surrogate: 4-Bromofluorobenzene	*0.7507*			*0.800000*		*93.8*	*47.6 - 121.18*			
Duplicate (B2A1021-DUP1)			**Source: 2200067-17**			Prepared: 1/19/2022 Analyzed: 1/19/2022				
Gasoline Range Organics	ND	1.0	0.13		ND			NR	20	
Surrogate: 4-Bromofluorobenzene	*0.7649*			*0.800000*		*95.6*	*47.6 - 121.18*			
Matrix Spike (B2A1021-MS1)			**Source: 2200067-09**			Prepared: 1/19/2022 Analyzed: 1/19/2022				
Gasoline Range Organics	2.31065	0.99	0.13	4.93097	ND	46.9	37.92 - 128.32			
Surrogate: 4-Bromofluorobenzene	*0.7879*			*0.800000*		*98.5*	*47.6 - 121.18*			
Matrix Spike Dup (B2A1021-MSD1)			**Source: 2200067-09**			Prepared: 1/19/2022 Analyzed: 1/19/2022				
Gasoline Range Organics	2.58900	1.0	0.13	5.00000	ND	51.8	37.92 - 128.32	11.4	20	
Surrogate: 4-Bromofluorobenzene	*0.7930*			*0.800000*		*99.1*	*47.6 - 121.18*			

Certificate of Analysis

Stantec	Project Number : 319-327 N. Harbor Blvd., San Pedro CA
735 E. Carnegie Drive, Suite 280	Report To : Jim Dewoody
San Bernardino , CA 92408	Reported : 01/26/2022

Diesel and Oil Range Organics by EPA 8015B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2A1016 - GCSEMI_DRO_S										
Blank (B2A1016-BLK1)						Prepared: 1/19/2022 Analyzed: 1/19/2022				
DRO	ND	10	3.6							
ORO	ND	10	3.6							
Surrogate: p-Terphenyl	*75.57*			*80.0000*		*94.5*	*62 - 141*			
LCS (B2A1016-BS1)						Prepared: 1/19/2022 Analyzed: 1/19/2022				
DRO	947.208	10	3.6	1000.00		94.7	56 - 139			
Surrogate: p-Terphenyl	*78.54*			*80.0000*		*98.2*	*62 - 141*			
Duplicate (B2A1016-DUP1)			**Source: 2200066-66**			Prepared: 1/19/2022 Analyzed: 1/19/2022				
DRO	ND	20	7.1		ND			NR	20	D1
Surrogate: p-Terphenyl	*81.86*			*80.0000*		*102*	*62 - 141*			
Matrix Spike (B2A1016-MS1)			**Source: 2200064-01**			Prepared: 1/19/2022 Analyzed: 1/19/2022				
DRO	991.819	10	3.6	1000.00	118.903	87.3	38 - 161			
Surrogate: p-Terphenyl	*73.91*			*80.0000*		*92.4*	*62 - 141*			
Matrix Spike Dup (B2A1016-MSD1)			**Source: 2200064-01**			Prepared: 1/19/2022 Analyzed: 1/19/2022				
DRO	1025.86	10	3.6	1000.00	118.903	90.7	38 - 161	3.37	20	
Surrogate: p-Terphenyl	*74.39*			*80.0000*		*93.0*	*62 - 141*			

Certificate of Analysis

Stantec		Project Number :	319-327 N. Harbor Blvd., San Pedro CA
735 E. Carnegie Drive, Suite 280		Report To :	Jim Dewoody
San Bernardino , CA 92408		Reported :	01/26/2022

Notes and Definitions

D1	Sample required dilution due to possible matrix interference.
ND	Analyte is not detected at or above the Practical Quantitation Limit (PQL). When client requests quantitation against MDL, analyte is not detected at or above the Method Detection Limit (MDL)
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference
CA2	CA-ELAP (CDPH)
OR1	OR-NELAP (OSPHL)

Notes:
(1) The reported MDL and PQL are based on prep ratio variation and analytical dilution.
(2) The suffix [2C] of specific analytes signifies that the reported result is taken from the instrument's second column.
(3) Results are wet unless otherwise specified.

ADVANCED TECHNOLOGY LABORATORIES

3275 Walnut Ave., Signal Hill, CA 90755
Tel: (562) 989-4045 • Fax: (562) 989-4040

CHAIN OF CUSTODY RECORD

Page 1 of 5

22 000067

FOR LABORATORY USE ONLY		ATLCOC Ver:20210101
Method of Transport	Sample Conditions Upon Receipt	
☐ Client ☑ ATL	Condition Y N	Condition Y N
☐ FedEx ☐ OnTrac	1. CHILLED ☑ ☐	5. # OF SAMPLES MATCH COC ☑ ☐
☐ GSO	2. HEADSPACE (VOA) < 6mm ☐ ☐	6. PRESERVED ☐ ☑
☐ Other:	3. CONTAINER INTACT ☑ ☐	7 Cooler Temp (°C) 4.2
	4. SEALED ☐ ☑	8 THERMOMETER ID:

Company: STANTEC
Address:
City:
State:
Zip:
Tel:
Fax:

SEND REPORT TO:
Attn: JAMES DEWOODY
Email: JAMES.DEWOODY@STANTEC.COM
Company: STANTEC
Address:
City: SAN BERNARDINO
State: CA
Zip:

SEND INVOICE TO: ☐ same as SEND REPORT TO
Attn: ← SAME
Email:
Company:
Email:
Address:
City:
State:
Zip:

EDD		QA/QC	
☐	Excel	☐	Routine
☐	EDF	☐ ☐	Caltrans Legal
☐	Equis	☐ ☐	RWQCB Level IV
☐		☐	

Project Name: 319-327 N. HARBOR BLVD., SAN PEDRO CA.
Project No.:
Sampler: M. MASON 805-341-6739
Quote #:
PO #:

Requested Analysis: TPH (8260B), Lead (6010B)

Sample Matrix: Solid, Water, Wastewater, Non-aqueous, Other:

Turnaround Time (TAT)

Container: Quantity; Type: 1=Tube; 2=VOA; 3=Liter; 4=Pint; 5=Jar; 6=Tedlar; 7 = Canister; Material: 1=Glass; 2=Plastic; 3=Metal; Preservative: 1=HCl; 2=HNO3; 3=H2SO4; 4=4°C; 5=Zn(Ac)2; 6=NaOH; 7=NaS2O3

Remarks

ITEM	Lab ID (For Lab Use Only)	Sample ID	Location	Date	Time	TPH (8260B)	Lead (6010B)	Solid	Water	Wastewater	Non-aqueous	Other:	Turnaround Time (TAT)	Quantity	Type	Material	Preservative	Remarks
1	1	B-27-7		1-19-22	0741		X	X					5					
2	2	B-26-3		↓	0750			↓					↓					HOLD
3	3	B-26-4			0752		X											
4	4	B-26-5			0754													HOLD
5	5	B-26-7			0758		X											
6	6	B-23-4			0812		X											
7	7	B-23-5			0814													HOLD
8	8	B-23-7			0815		X											
9	9	B-28-0.25			0823	X												
10	10	B-28-0.5		↓	0824		X	↓					↓					

(Special Instructions, Comments, Notes, etc.)

5-DAY T.A.T., HOLD SAMPLES NOT ANALYSED.

By relinquishing samples to ATL, I hereby agree that I have read and accept ATL's Terms and Conditions, as posted in www.atlglobal.com/terms-and-conditions.

Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
M. Mason / McMason	1-19-22	1220		1-19-22	1220
	1-19-22	1245	Ethan Tran	1/19/22	12:45

ADVANCED TECHNOLOGY LABORATORIES

3275 Walnut Ave., Signal Hill, CA 90755
Tel: (562) 989-4045 • Fax: (562) 989-4040

CHAIN OF CUSTODY RECORD

Page 2 of 5

22 00067

FOR LABORATORY USE ONLY			ATLCOC Ver:20210101
Method of Transport	Sample Conditions Upon Receipt		
☐ Client ☑ ATL	Condition	Y	N
☐ FedEx ☐ OnTrac	1. CHILLED	☑	☐
☐ GSO	2. HEADSPACE (VOA) < 6mm	☐	☐
☐ Other:	3. CONTAINER INTACT	☑	☐
	4. SEALED	☐	☑
	5. # OF SAMPLES MATCH COC	☑	☐
	6. PRESERVED	☐	☑
	7. Cooler Temp (°C) 4.2		
	8. THERMOMETER ID:		

Company: STANTEC
Address:
City:
State:
Zip:
Tel:
Fax:

SEND REPORT TO:
Attn: JAMES DEWOODY Email: JAMES.DEWOODY@STANTEC.COM
Company: STANTEC
Address:
City: SAN BERNARDINO State: CA Zip:

SEND INVOICE TO: ☐ same as SEND REPORT TO
Attn: ← SAME Email:
Company: Email:
Address:
City: State: Zip:

EDD: ☐ Excel ☐ EDF ☐ Equis
QA/QC: ☐ Routine ☐ Caltrans Legal ☐ RWQCB Level IV

Project Name: 319-327 N. HARBOR BLVD. SAN PEDRO
Project No.:
Sampler: M. MASON 805-341-6739
Quote #:
PO #:

ITEM	Lab ID (For Lab Use Only)	Sample ID	Location	Date	Time	TPH (8260B)	Lead (6010B)	Solid	Water	Wastewater	Non-aqueous	Other:	Turnaround Time (TAT)	Quantity	Type: 1=Tube; 2=VOA; 3=Liter; 4=Pint; 5=Jar; 6=Tedlar; 7=Canister	Material: 1=Glass; 2=Plastic; 3=Metal	Preservative: 1=HCl; 2=HNO3; 3=H2SO4; 4=MeOH; 5=Zn(Ac)2; 6=NaOH; 7=NaS2O3	Remarks
1	11	B-28-1		1-19-22	0825			X					5					HOLD
2	12	B-28-2			0827													HOLD
3	13	B-28-3			0850													HOLD
4	14	B-28-4			0851		X											
5	15	B-28-5			0852													HOLD
6	16	B-28-7			0856		X											
7	17	B-29-0.25			0900	X												
8	18	B-29-0.5			0901		X											
9	19	B-29-1			0904													HOLD
10	20	B-29-2			0906													HOLD

(Special Instructions, Comments, Notes, etc.)
5-DAY T.A.T., HOLD SAMPLES NOT ANALYSED.

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M. Mason / M. MASON	1-19-22	1220	[signature]	1/19/22	1220
[signature]	1-19-22	1245	ATL [signature] Ethan Tran	1/19/22	12:45
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ADVANCED TECHNOLOGY LABORATORIES

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CHAIN OF CUSTODY RECORD

Page 3 of 5

22 00067

FOR LABORATORY USE ONLY			ATLCOC Ver:20210101
Method of Transport		Sample Conditions Upon Receipt	
☐ Client ☑ ATL		Condition Y N	Condition Y N
☐ FedEx ☐ OnTrac		1. CHILLED ☑ ☐	5. # OF SAMPLES MATCH COC ☑ ☐
☐ GSO		2. HEADSPACE (VOA) < 6mm ☐ ☐	6. PRESERVED ☐ ☑
☐ Other:		3. CONTAINER INTACT ☑ ☐	7 Cooler Temp (°C) 4.2
		4. SEALED ☐ ☑	8 THERMOMETER ID:

Company: STANTEC
Address:
Tel:
City:
State:
Zip:
Fax:

SEND REPORT TO:
Attn: JAMES DEWOODY
Email: JAMES.DEWOODY@STANTEC.COM
Company:
Address:
City: SAN BERNARDINO
State: CA
Zip:

SEND INVOICE TO: ☐ same as SEND REPORT TO
Attn: ← SAME
Email:
Company:
Email:
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State:
Zip:

EDD	QA/QC
☐ Excel	☐ Routine
☐ EDF	☐ Caltrans ☐ Legal
☐ Equis	☐ RWQCB Level IV
☐	☐

Project Name: 319-327 N. HARBOR BLVD., SAN PEDRO CA.
Project No.:
Sampler: M. MASON 805-341-6739
Quote #:
PO #:

Requested Analysis: TPH (8260B), LEAD (6010B)

Sample Matrix: Solid, Water, Wastewater, Non-aqueous, Other:

Turnaround Time (TAT)

Container: Quantity; Type: 1=Tube; 2=VOA; 3=Liter; 4=Pint; 5=Jar; 6=Tedlar; 7 = Canister; Material: 1=Glass; 2=Plastic; 3=Metal; Preservative: 1=HCl; 2=HNO3; 3=H2SO4; 4 =4C; 5=Zn(Ac)2; 6=NaOH; 7=NA2S2O3

ITEM	Lab ID (For Lab Use Only)	Sample ID	Location	Date	Time	TPH (8260B)	LEAD (6010B)	Solid	Water	Wastewater	Non-aqueous	Other:	Turnaround Time (TAT)	Quantity	Type	Material	Preservative	Remarks
1	21	B-29-3		1-19-22	0907			X					5					HOLD
2	22	B-29-4			0908		X											
3	23	B-29-5			0910													HOLD
4	24	B-29-7			0913		X											
5	25	B-30-0.25			0931	X												
6	26	B-30-0.5			0932		X											
7	27	B-30-1			0933													HOLD
8	28	B-30-2			0938		X											
9	29	B-30-3			0940													HOLD
10	30	B-30-4			0942		X											

(Special Instructions, Comments, Notes, etc.)

5-DAY T.A.T., HOLD SAMPLES NOT ANALYSED

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M. Mason / M. MASON	1-19-22	1220	[signature]	1/19/22	1220
[signature]	1/19-22	1245	[signature] Ethan Tran	1/19/22	12:45

ADVANCED TECHNOLOGY LABORATORIES

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CHAIN OF CUSTODY RECORD

Page 4 of 5

2200067

FOR LABORATORY USE ONLY		ATLCOC Ver:20210101
Method of Transport	Sample Conditions Upon Receipt	
☐ Client ☑ ATL	Condition Y N	Condition Y N
☐ FedEx ☐ OnTrac	1. CHILLED ☑ ☐	5. # OF SAMPLES MATCH COC ☑ ☐
☐ GSO	2. HEADSPACE (V0A) < 6mm ☐ ☐	6. PRESERVED ☐ ☑
☐ Other:	3. CONTAINER INTACT ☑ ☐	7 Cooler Temp (°C) 4.2
	4. SEALED ☐ ☑	8 THERMOMETER ID:

Company: STANTEC
Address:
City:
State:
Zip:
Tel:
Fax:

SEND REPORT TO:
Attn: JAMES DEWOODY
Email: JAMES.DEWOODY@STANTEC.COM
Company: STANTEC
Address:
City: SAN BERNARDINO
State: CA
Zip:

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Attn: ← SAME
Email:
Company:
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City:
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EDD: ☐ Excel ☐ EDF ☐ Equis
QA/QC: ☐ Routine ☐ Caltrans Legal ☐ RWQCB Level IV

Project Name: 319-327 N. MARBER BLVD, SAN PEDRO
Project No.: ~~319~~
Sampler: M. MASON 805-341-6739
Quote #:
PO #:

ITEM	Lab ID (For Lab Use Only)	Sample ID	Location	Date	Time	TPH (8260B)	LEAD (6010B)	Solid	Water	Wastewater	Non-aqueous	Other:	Turnaround Time (TAT)	Quantity	Type: 1=Tube; 2=VOA; 3=Liter; 4=Pint; 5=Jar; 6=Cellar; 7=Canister	Material: 1=Glass; 2=Plastic; 3=Metal	Preservative: 1=HCl; 2=HNO3; 3=H2SO4; 4=4C; 5=Zn(Ac)2; 6=NaOH; 7=NaOS2O3	Remarks
1	31	B-31-0.25		1-19-22	0951	X		X					5					
2	32	B-31-0.5			0952		X											
3	33	B-31-1			0954													HOLD
4	34	B-31-2			0955		X											
5	35	B-31-3			0956													HOLD
6	36	B-31-4			0957		X											
7	37	B-32-0.25			1000	X												HOLD
8	38	B-32-0.5			1001		X											
9	39	B-32-1			1003													HOLD
10	40	B-32-2			1004		X											

(Special Instructions, Comments, Notes, etc.)

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Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
M. Mason / M. MASON	1-19-22	1220	[signature]	1-19-22	1220
[signature]	1-19-22	1245	ATL Ethan Tran	1/19/22	12:45

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CHAIN OF CUSTODY RECORD

Page 5 of 5

22 00067

FOR LABORATORY USE ONLY			ATLCOC Ver:20210101
Method of Transport		Sample Conditions Upon Receipt	
☐ Client ☑ ATL		Condition	Y / N
☐ FedEx ☐ OnTrac		1. CHILLED	☑ ☐
☐ GSO		2. HEADSPACE (VOA) < 6mm	☐ ☐
☐ Other:		3. CONTAINER INTACT	☑ ☐
		4. SEALED	☐ ☑
		5. # OF SAMPLES MATCH COC	☑ ☐
		6. PRESERVED	☐ ☑
		7 Cooler Temp (°C)	
		8 THERMOMETER ID: 4.2	

Company: STANTEC
Address:
City:
State:
Zip:
Tel:
Fax:

SEND REPORT TO:
Attn: JAMES DENWOODY
Email: JAMES.DENWOODY@STANTEC.COM
Company: STANTEC
Address:
City: SAN BERNARDINO
State: CA
Zip:

SEND INVOICE TO: ☐ same as SEND REPORT TO
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EDD	QA/QC
☐ Excel	☐ Routine
☐ EDF	☐ Caltrans ☐ Legal
☐ Equis	☐ RWQCB Level IV
☐	☐

Project Name: 319-327 N. HARBOR BLVD., SAN PEDRO
Project No.:
Sampler: M. MASON 805-314-6739
Quote #:
PO #:

ITEM	Lab ID (For Lab Use Only)	Sample ID	Location	Date	Time	TPH (8260B)	VOCs (8010B)	Solid	Water	Wastewater	Non-aqueous	Other:	Turnaround Time (TAT)	Quantity	Container	Remarks
1	41	B-32-3		1-19-22	1007			X					5			HOLD
2	42	B-32-4		1-19-22	1010		X	X					5			
3																
4																
5																
6																
7																
8																
9																
10																

(Special Instructions, Comments, Notes, etc.)

5-DAY T.A.T. HOLD SAMPLES NOT ANALYZED.

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Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
M. Mason / M. MASON	1-19-22	1220	[signature]	1-19-22	1220
[signature]	1-19-22	1245	ATL [signature] Ethan Tran	1/19/22	12:45
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:

February 07, 2022

Jim Dewoody
Stantec
735 E. Carnegie Drive, Suite 280
San Bernardino, CA 92408
Tel: (909) 335-6116
Fax:(909) 335-6120

ELAP No.: 1838
CSDLAC No.: 10196
ORELAP No.: CA300003

Re: ATL Work Order Number : 2200067
Client Reference : 319-327 N. Harbor Blvd., San Pedro CA

Enclosed are the results for sample(s) received on January 19, 2022 by Advanced Technology Laboratories. The sample(s) are tested for the parameters as indicated on the enclosed chain of custody in accordance with applicable laboratory certifications. The laboratory results contained in this report specifically pertains to the sample(s) submitted.

Thank you for the opportunity to serve the needs of your company. If you have any questions, please feel free to contact me or Project.Management@atlglobal.com.

Sincerely,

Victoria Michel, Project Assistant
Victoria.Michel@atlglobal.com
Authorized to Release on 02/07/22 15:49 on Behalf of

Amy Leung
Laboratory Director

The test results in this report relate exclusively to the samples as received by the laboratory, and meet the requirements of the methodology under which they were reported; any exceptions are noted within the report and/ or case narrative.

The cover letter/ signature page and the case narrative are integral parts of this analytical report; the absence of any portion of the report renders the report invalid. This report shall not be reproduced except in full, and shall have the express written approval of the laboratory, and the original client firm to do so

.

The electronic signature on this report is signed by an authorized signatory of Advanced Technology Laboratories, and is intended to be legally binding as the equivalent of a handwritten signature.

Certificate of Analysis

Stantec		Project Number :	319-327 N. Harbor Blvd., San Pedro CA
735 E. Carnegie Drive, Suite 280		Report To :	Jim Dewoody
San Bernardino , CA 92408		Reported :	02/07/2022

SUMMARY OF SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
B-29-1	2200067-19	Soil	1/19/22 9:04	1/19/22 12:20
B-29-2	2200067-20	Soil	1/19/22 9:06	1/19/22 12:20
B-30-1	2200067-27	Soil	1/19/22 9:33	1/19/22 12:20

Certificate of Analysis

Stantec		Project Number :	319-327 N. Harbor Blvd., San Pedro CA
735 E. Carnegie Drive, Suite 280		Report To :	Jim Dewoody
San Bernardino , CA 92408		Reported :	02/07/2022

Lead by ICP-AES EPA 6010B

Analyte: Lead **Analyst: WT**

Laboratory ID	Client Sample ID	Result	Units	PQL	MDL	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
2200067-19	B-29-1	**360**	mg/kg	1.0	0.18	1	B2B0887	02/04/2022	02/07/22 11:15	
2200067-20	B-29-2	**11**	mg/kg	1.0	0.18	1	B2B0887	02/04/2022	02/07/22 11:16	
2200067-27	B-30-1	**82**	mg/kg	1.0	0.18	1	B2B0887	02/04/2022	02/07/22 11:17	

Certificate of Analysis

Stantec		Project Number :	319-327 N. Harbor Blvd., San Pedro CA
735 E. Carnegie Drive, Suite 280		Report To :	Jim Dewoody
San Bernardino , CA 92408		Reported :	02/07/2022

QUALITY CONTROL SECTION

Lead by ICP-AES EPA 6010B - Quality Control

Analyte	Result (mg/kg)	PQL (mg/kg)	MDL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Batch B2B0887 - EPA 3050 Modified_S										
Blank (B2B0887-BLK1)						Prepared: 2/4/2022 Analyzed: 2/7/2022				
Lead	ND	1.0	0.18							
LCS (B2B0887-BS1)						Prepared: 2/4/2022 Analyzed: 2/7/2022				
Lead	26.8760	1.0	0.18	25.0000		108	80 - 120			
Matrix Spike (B2B0887-MS1)			**Source: 2200066-03**			Prepared: 2/4/2022 Analyzed: 2/7/2022				
Lead	33.4611	1.0	0.18	25.0000	7.25426	105	26 - 161			
Matrix Spike Dup (B2B0887-MSD1)			**Source: 2200066-03**			Prepared: 2/4/2022 Analyzed: 2/7/2022				
Lead	33.9350	1.0	0.18	25.0000	7.25426	107	26 - 161	1.41	20	

Certificate of Analysis

Stantec		Project Number :	319-327 N. Harbor Blvd., San Pedro CA
735 E. Carnegie Drive, Suite 280		Report To :	Jim Dewoody
San Bernardino , CA 92408		Reported :	02/07/2022

Notes and Definitions

ND	Analyte is not detected at or above the Practical Quantitation Limit (PQL). When client requests quantitation against MDL, analyte is not detected at or above the Method Detection Limit (MDL)
PQL	Practical Quantitation Limit
MDL	Method Detection Limit
NR	Not Reported
RPD	Relative Percent Difference
CA2	CA-ELAP (CDPH)
OR1	OR-NELAP (OSPHL)

Notes:
(1) The reported MDL and PQL are based on prep ratio variation and analytical dilution.
(2) The suffix [2C] of specific analytes signifies that the reported result is taken from the instrument's second column.
(3) Results are wet unless otherwise specified.

ADVANCED TECHNOLOGY LABORATORIES

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CHAIN OF CUSTODY RECORD

Page 1 of 5

22 000067

FOR LABORATORY USE ONLY		ATLCOC Ver:20210101
Method of Transport	Sample Conditions Upon Receipt	
☐ Client ☑ ATL	Condition / Y / N	Condition / Y / N
☐ FedEx ☐ OnTrac	1. CHILLED ☑ ☐	5. # OF SAMPLES MATCH COC ☑ ☐
☐ GSO	2. HEADSPACE (VOA) < 6mm ☐ ☐	6. PRESERVED ☐ ☑
☐ Other:	3. CONTAINER INTACT ☑ ☐	7 Cooler Temp (°C) 4.2
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Company: STANTEC
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EDD		QA/QC	
☐	Excel	☐	Routine
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☐	Equis	☐ ☐	RWQCB Level IV
☐		☐	

Project Name: 319-327 N. HARBOR BLVD., SAN PEDRO CA.
Project No.:
Sampler: M. MASON 805-341-6739
Quote #:
PO #:

Requested Analysis: TPH (8260B), Lead (6010B)

ITEM	Lab ID (For Lab Use Only)	Sample ID	Location	Date	Time	TPH (8260B)	Lead (6010B)	Solid	Water	Wastewater	Non-aqueous	Other:	Turnaround Time (TAT)	Quantity	Type	Material	Preservative	Remarks
1	1	B-27-7		1-19-22	0741		X	X					5					
2	2	B-26-3			0750													HOLD
3	3	B-26-4			0752		X											
4	4	B-26-5			0754													HOLD
5	5	B-26-7			0758		X											
6	6	B-23-4			0812		X											
7	7	B-23-5			0814													HOLD
8	8	B-23-7			0815		X											
9	9	B-28-0.25			0823	X												
10	10	B-28-0.5			0824		X											

(Special Instructions, Comments, Notes, etc.)

5-DAY T.A.T., HOLD SAMPLES NOT ANALYSED.

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Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
M. Mason / McMason	1-19-22	1220		1-19-22	1220
	1-19-22	1245	Ethan Tran	1/19/22	12:45

ADVANCED TECHNOLOGY LABORATORIES

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CHAIN OF CUSTODY RECORD

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22 00067

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☐ GSO	2. HEADSPACE (VOA) < 6mm ☐ ☐	6. PRESERVED ☐ ☑
☐ Other:	3. CONTAINER INTACT ☑ ☐	7. Cooler Temp (°C) 4.2
	4. SEALED ☐ ☑	8. THERMOMETER ID:

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Company: Email:
Address:
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EDD: ☐ Excel ☐ EDF ☐ Equis
QA/QC: ☐ Routine ☐ Caltrans Legal ☐ RWQCB Level IV

Project Name: 319-327 N. HARBOR BLVD. SAN PEDRO
Project No.:
Sampler: M. MASON 805-341-6739
Quote #:
PO #:

ITEM	Lab ID (For Lab Use Only)	Sample ID	Location	Date	Time	TPH (8260B)	Lead (6010B)	Solid	Water	Wastewater	Non-aqueous	Other:	Turnaround Time (TAT)	Quantity	Type: 1=Tube; 2=VOA; 3=Liter; 4=Pint; 5=Jar; 6=Tedlar; 7=Canister	Material: 1=Glass; 2=Plastic; 3=Metal	Preservative: 1=HCl; 2=HNO3; 3=H2SO4; 4=MeOH; 5=Zn(Ac)2; 6=NaOH; 7=NaS2O3	Remarks
1	11	B-28-1		1-19-22	0825			X					5					HOLD
2	12	B-28-2		↓	0827			↓					↓					HOLD
3	13	B-28-3			0850													HOLD
4	14	B-28-4			0851		X											
5	15	B-28-5			0852													HOLD
6	16	B-28-7			0856		X											
7	17	B-29-0.25			0900	X												
8	18	B-29-0.5			0901		X											
9	19	B-29-1			0904													HOLD
10	20	B-29-2		↓	0906			↓					↓					HOLD

(Special Instructions, Comments, Notes, etc.)

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Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
M. Mason / M. MASON	1-19-22	1220	[signature]	1/19/22	1220
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Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:

ADVANCED TECHNOLOGY LABORATORIES

3275 Walnut Ave., Signal Hill, CA 90755
Tel: (562) 989-4045 • Fax: (562) 989-4040

CHAIN OF CUSTODY RECORD

Page 3 of 5

22 00067

FOR LABORATORY USE ONLY			ATLCOC Ver:20210101
Method of Transport		Sample Conditions Upon Receipt	
☐ Client ☑ ATL		Condition Y N	Condition Y N
☐ FedEx ☐ OnTrac		1. CHILLED ☑ ☐	5. # OF SAMPLES MATCH COC ☑ ☐
☐ GSO		2. HEADSPACE (VOA) < 6mm ☐ ☐	6. PRESERVED ☐ ☑
☐ Other:		3. CONTAINER INTACT ☑ ☐	7 Cooler Temp (°C) 4.2
		4. SEALED ☐ ☑	8 THERMOMETER ID:

Company: STANTEC
Address:
Tel:
City:
State:
Zip:
Fax:

SEND REPORT TO:
Attn: JAMES DEWOODY
Email: JAMES.DEWOODY@STANTEC.COM
Company:
Address:
City: SAN BERNARDINO
State: CA
Zip:

SEND INVOICE TO: ☐ same as SEND REPORT TO
Attn: ← SAME
Email:
Company:
Email:
Address:
City:
State:
Zip:

EDD	QA/QC
☐ Excel	☐ Routine
☐ EDF	☐ Caltrans ☐ Legal
☐ Equis	☐ RWQCB Level IV
☐	☐

Project Name: 319-327 N. HARBOR BLVD., SAN PEDRO CA.
Project No.:
Sampler: M. MASON 805-341-6739
Quote #:
PO #:

Requested Analysis: TPH (8260B), LEAD (6010B)

Sample Matrix: Solid, Water, Wastewater, Non-aqueous, Other:

Turnaround Time (TAT)

Container: Quantity; Type: 1=Tube; 2=VOA; 3=Liter; 4=Pint; 5=Jar; 6=Tedlar; 7 = Canister; Material: 1=Glass; 2=Plastic; 3=Metal; Preservative: 1=HCl; 2=HNO3; 3=H2SO4; 4 =4C; 5=Zn(Ac)2; 6=NaOH; 7=NA2S2O3

ITEM	Lab ID (For Lab Use Only)	Sample ID	Location	Date	Time	TPH (8260B)	LEAD (6010B)	Solid	Water	Wastewater	Non-aqueous	Other:	Turnaround Time (TAT)	Quantity	Type	Material	Preservative	Remarks
1	21	B-29-3		1-19-22	0907			X					5					HOLD
2	22	B-29-4		↓	0908		X	↓					↓					
3	23	B-29-5			0910													HOLD
4	24	B-29-7			0913		X											
5	25	B-30-0.25			0931	X												
6	26	B-30-0.5			0932		X											
7	27	B-30-1			0933													HOLD
8	28	B-30-2			0938		X											
9	29	B-30-3			0940													HOLD
10	30	B-30-4		↓	0942		X	↓					↓					

(Special Instructions, Comments, Notes, etc.)

5-DAY T.A.T., HOLD SAMPLES NOT ANALYSED

By relinquishing samples to ATL, I hereby agree that I have read and accept ATL's Terms and Conditions, as stated in www.atlglobal.com/terms-and-conditions.

Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
M. Mason / M. MASON	1-19-22	1220	[signature]	1/19/22	1220
[signature]	1/19-22	1245	[signature] Ethan Tran	1/19/22	12:45

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Method of Transport	Sample Conditions Upon Receipt	
☐ Client ☑ ATL	Condition Y N	Condition Y N
☐ FedEx ☐ OnTrac	1. CHILLED ☑ ☐	5. # OF SAMPLES MATCH COC ☑ ☐
☐ GSO	2. HEADSPACE (V0A) < 6mm ☐ ☐	6. PRESERVED ☐ ☑
☐ Other:	3. CONTAINER INTACT ☑ ☐	7 Cooler Temp (°C)
	4. SEALED ☐ ☑	8 THERMOMETER ID: 4.2

Company: STANTEC
Address:
City:
State:
Zip:
Tel:
Fax:

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Email:
Address:
City:
State:
Zip:

EDD: ☐ Excel ☐ EDF ☐ Equis
QA/QC: ☐ Routine ☐ Caltrans Legal ☐ RWQCB Level IV

Project Name: 319-327 N. MARBER BLVD, SAN PEDRO
Project No.: ~~319~~
Sampler: M. MASON 805-341-6739
Quote #:
PO #:

ITEM	Lab ID (For Lab Use Only)	Sample ID	Location	Date	Time	TPH (8260B)	LEAD (6010B)	Solid	Water	Wastewater	Non-aqueous	Other:	Turnaround Time (TAT)	Quantity	Remarks
1	31	B-31-0.25		1-19-22	0951	X		X					5		
2	32	B-31-0.5			0952		X								
3	33	B-31-1			0954										HOLD
4	34	B-31-2			0955		X								
5	35	B-31-3			0956										HOLD
6	36	B-31-4			0957		X								
7	37	B-32-0.25			1000	X									HOLD
8	38	B-32-0.5			1001		X								
9	39	B-32-1			1003										HOLD
10	40	B-32-2			1004		X								

Container: Type: 1=Tube; 2=VOA; 3=Liter; 4=Pint; 5=Jar; 6=Cellar; 7=Canister. Material: 1=Glass; 2=Plastic; 3=Metal. Preservative: 1=HCl; 2=HNO3; 3=H2SO4; 4=4C; 5=Zn(Ac)2; 6=NaOH; 7=NaOSO3

(Special Instructions, Comments, Notes, etc.)

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[signature]	1-19-22	1245	ATL Ethan Tran	1/19/22	12:45

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☐ FedEx ☐ OnTrac		1. CHILLED	☑ ☐
☐ GSO		2. HEADSPACE (VOA) < 6mm	☐ ☐
☐ Other:		3. CONTAINER INTACT	☑ ☐
		4. SEALED	☐ ☑
		5. # OF SAMPLES MATCH COC	☑ ☐
		6. PRESERVED	☐ ☑
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☐	EDF	☐ ☐	Caltrans Legal
☐	Equis	☐ ☐	RWQCB Level IV
☐		☐	

Project Name: 319-327 N. HARBOR BLVD., SAN PEDRO
Project No.:
Sampler: M. MASON 805-314-6739
Quote #:
PO #:

ITEM	Lab ID (For Lab Use Only)	Sample ID	Location	Date	Time	TPH (8260B)	VOCs (8010B)	Solid	Water	Wastewater	Non-aqueous	Other:	Turnaround Time (TAT)	Quantity	Container	Remarks
1	41	B-32-3		1-19-22	1007			X					5			HOLD
2	42	B-32-4		1-19-22	1010		X	X					5			
3																
4																
5																
6																
7																
8																
9																
10																

(Special Instructions, Comments, Notes, etc.)

5-DAY T.A.T. HOLD SAMPLES NOT ANALYZED.

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[signature]	1-19-22	1245	ATL [signature] Ethan Tran	1/19/22	12:45
Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time: